



UCD 2020

UNDERGRADUATE PROSPECTUS



University College Dublin
Ireland's Global University

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The information provided in this prospectus is correct at the time of going to press, but the degree programmes 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.ucd.ie regularly. All enquiries in relation to application and admission should be addressed to:

**UCD Student Desk, Tierney Building,
UCD, Belfield, Dublin 4, Ireland.**

Contact: www.ucd.ie/studentdesk/contact
Tel: +353 1 716 1555 Web: www.ucd.ie/myucd

All students featured in this prospectus are UCD students/graduates. Cover image: Graduate Philosophy & Sociology.



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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.

Our ethos is all about giving our students the best educational and life-preparing experience. We strive to give our students a holistic education, instilling in them a desire to learn and create, to question and reason, and to contribute to society at all levels, nationally and globally. 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.

This year, UCD has 6 subjects in the top 50, 14 in the top 100 and 35 in the top 200 in the QS World University Subject Rankings. This improved performance is partially a reflection of our strength in the area of graduate employability, where we are ranked 74th in the world and number one in Ireland. It also reflects the quality of our research and scholarship.

UCD is Ireland's global university. We are the university-of-first-choice amongst Irish students coming through the CAO (Central Applications Office) as well as the university-of-destination for the largest number of international students coming to Ireland. There are now over 8,000 international students on campus, making this a very cosmopolitan environment. Additionally, UCD sends the largest number of undergraduate students on Erasmus or to study abroad at some of the world's top universities. Our students can take advantage of an international experience that prepares them to take their place in the global society.

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.

Professor Andrew Deeks, President, Uachtarán

Is cinneadh mór é an chéimcheart, 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. Cuirimid ar fáil timpeallacht ina bhfuil tacaíocht le fáil, áit ar féidir le gach duine barr a gcumais a bhaint amach.

Is é a chuirimid romhainn anseo sároideachas a chur ar dhaoine a sheasfaidh dóibh ina saol. Déanaimid ár seacht ndícheall oideachas iomlánaíoch a thabhairt dár mic léinn, ag spreagadh iontu fonn láidir a bheith ag foghlaim agus ag cruthú, ag ceistiú agus ag smaoiniamh agus ar deireadh, ag cur leis an tsochaí ag gach leibhéal, sa tír seo agus ar fud an domhain.

Tá an timpeallacht oideachais anseo múnlaíthe sa chaoi is go spreagar 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.

I mbliana, tá sé ábhar ag UCD sna 50 ábhar is fearr, 14 sna 100 ábhar is fearr agus 35 sna 200 ábhar is fearr sa Rangú Domhanda Ábhar Ollscoile QS. Is léiriú ar ár neart i réimse na hinfhostaitheachta do chéimithe é an fheidhmíocht fheabhsaithe sin, go páirteach. Tá an 74ú háit ar domhan bainte amach againn sa réimse sin agus an chéad áit in Éirinn. Léiríonn sé freisin ardchaighdeán ár dtaighde agus ár scoláireachta.

Is í UCD ollscoil dhomhanda na hÉireann. Is í an ollscoil seo an chéad rogha ag mic léinn as Éirinn tríd an CAO (Lár-Oifig Iontrála) agus an ollscoil ceann scríbe ag an gcuid is mó de na mic léinn idirnáisiúnta a thagann go hÉirinn. Tá beagnach 8,000 mac léinn idirnáisiúnta ar an gcampas anois agus cruthaíonn sin timpeallacht an-ílnáisiúnach. Ina theannta sin, is í UCD is mó a sheolann mic léinn fochéime ar Erasmus nó ag staidéar thar lear i gcuid de na hollscoileanna is fearr ar domhan. Sa dóigh sin, is féidir le mic léinn na hollscoile leas a bhaint as taithí idirnáisiúnta a ullmhóidh iad lena n-áit a thógáil i sochaí an domhain.

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.

TOP 1% in World Rankings

(THE & QS)



1st Choice for Irish School Leavers



1st Choice for International Students



1st in Ireland for Graduate Employability



29% of Students from Under-Represented Groups



3000+ Students Living on Campus



133 Hectares of Woodland Campus



120+ Sports Clubs & Student Societies

Why Study at UCD?

When it comes to choosing a university, UCD is the first choice for Irish school leavers and for international students coming to study in Ireland. And, with a 94% retention rate with first year students, they don't regret their decision. Here are some of the reasons why.



World Class Teaching

UCD is at the forefront of global knowledge with a curriculum informed by the latest research and driven by lecturers at the cutting edge of their disciplines. They have taught and inspired students to go on to achieve great things.

Flexible Learning

Our curriculum, called UCD Horizons, can be adapted to our modularised and credit based academic structure. 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.

Global University

UCD is Ireland's Global University with over 8,000 international students from 139 countries and 30% of our academic staff from overseas. We have over 400 exchange partners worldwide and 29 partner universities throughout Europe.

Career Planning

At UCD, we are committed to preparing you for life after university. UCD ranks first in Ireland for graduate employability. 91% of recent UCD honours degree graduates entered employment or graduate study within nine months.

Campus Facilities, Clubs & Societies

UCD is a vibrant community with over 3,000 students living on our 133-hectare woodland campus, just 5km from Dublin city centre. We have over 150 student clubs and societies, and unrivalled sports facilities.

Student Supports

We provide a dedicated support network to help each student get the most out of their time at UCD. Facilities include our writing centre, maths support centre, our 5 libraries and the largest Peer Mentor programme of any university in Ireland.

» COME VISIT US ... Go to page 204 to find out how.



▶ 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.

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 – 14 subjects are ranked in the top 100 in the world [QS World University Ranking by Subject 2019].

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 quality of teaching is complemented by a high standard of student support. Every incoming first year is assigned a Peer Mentor and there are Student Advisers for every programme.

UCD is Ireland's University of first choice, leading in first-preference applications in Ireland year after year.

Our student retention rate in first year is 94% and over half of our undergraduates progress to graduate studies.

For the last two years, UCD has ranked number one in Ireland for graduate employability.

 www.ucd.ie/about-ucd



UCD Horizons.

Our Modern, Modularised 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 degree programme.

How does it work?

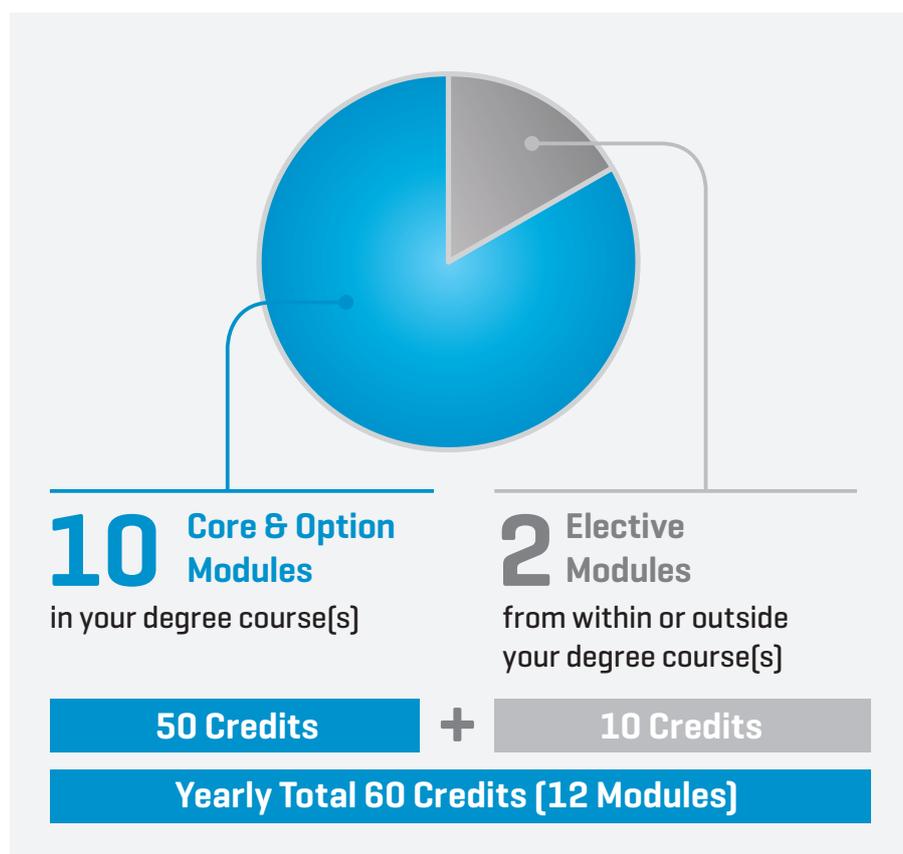
Every course is made up of 12 modules per year. Each module is worth 5 credits. Every year, you choose 10 modules (or 50 credits) from within your course. These are called either core or option modules. The remaining 2 modules (or 10 credits) are 'Elective' modules. You can choose these according to your own personal preference.

You can use your elective modules to either deepen your learning by focusing on your chosen area of study or you can broaden your horizons by choosing an elective from outside your course area (subject to your timetable and demand for spaces).

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.ucd.ie/ucdelectives



"UCD Horizons is the main reason I came to UCD. It basically gives you an opportunity to do anything from around college, at least one module every semester, which is good; it gives you an opportunity to keep up your interests. I did Astronomy last year as part of that and I absolutely loved it."

Anu Joy | Chemical & Bioprocess Engineering



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 over 8,000 international students from 139 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 of our 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 29 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 17 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

 youtube.com/UCDGlobal

 www.facebook.com/UCDGlobal

Global Lounge

Students are encouraged to spend time in the global lounge, a dedicated student space for students to meet up, chill out, surf the internet or to drop into one of the many organised events and interact with international students. International student can keep up to date with news with over 350 international TV channels, including Sky Sports and ESPN, which can be viewed on 1 large screen or 12 smaller plasma screens. Wireless headsets are also available to listen to individual stations.

 www.ucd.ie/global

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/about/languagesconnect



Key Fact

Over 8,000 international students from 139 countries attend UCD.



Pictured:

Louise Gannon [Actuarial & Financial Studies Student and UCDVO Volunteer] and Zainabu [Teacher from Ujirani Primary School in Ruaha]. Louise was a volunteer who taught ICT Skills to school teachers. She also taught English to student and ran conversational classes for the teachers.

"Throughout the year, I've learned that VO is not solely about making a difference on the overseas project, it's more about being the difference, being the change and taking action going forward."



International Volunteering Opportunities

Established in 2003, UCD Volunteers Overseas (UCDVO) is a registered charity. It provides students, staff and graduates with the opportunity to volunteer for the benefit of disadvantaged communities overseas, in response to needs explicitly identified by those communities. UCDVO's vision is for UCD students to graduate with an understanding of the challenges facing humanity worldwide

and the determination and self belief to tackle the issues underlying poverty and inequality in the world. The programme is a 1-year commitment that includes a 4-week placement overseas and a structured series of development education workshops, training and debriefing. Current projects locations include India, Tanzania, and Uganda.

www.ucdvo.org

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.

Student Centre

The UCD Student Centre offers a relaxed meeting place for students with 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 centre and pharmacy
- Barber and newsagent
- The UCD Clubhouse (bar & function room)
- Students union
- Poolside cafe

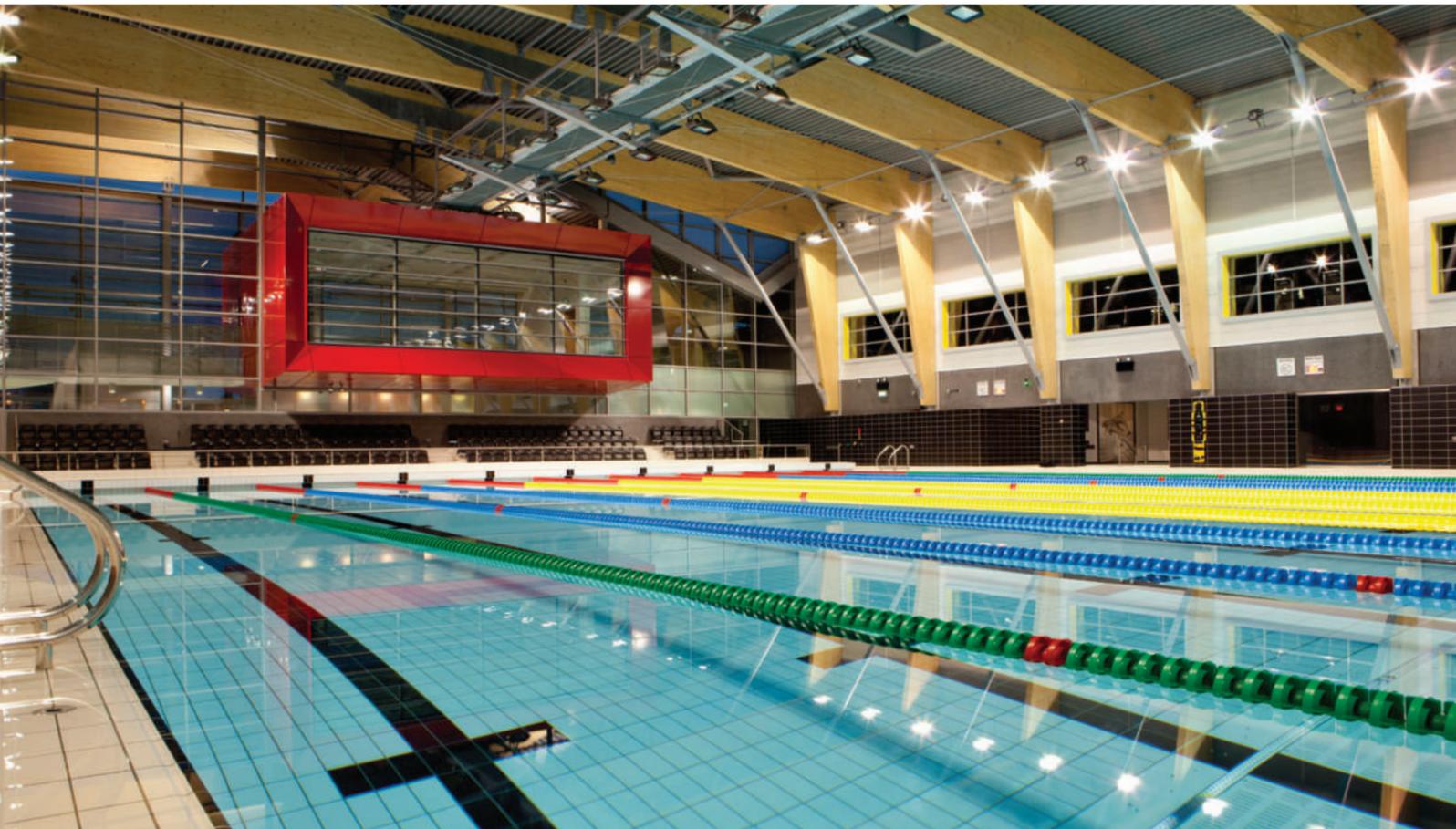
 www.ucd.ie/studentcentre

Sports & Fitness Centre:

UCD Students have access to 2 large start-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 spa on a pay-as-you-go basis, or have instant access annually by purchasing a cost-effective swim membership package.

- 50-metre Olympic swimming pool
- 2 state-of-the-art-gym floors with dance, spinning and multiple gym programmes
- Sauna, steam room and jacuzzi
- 3 multipurpose sports halls
- 4 squash courts and a climbing wall
- Handball/racquetball alley
- Performance and squad gyms
- 17 natural grass pitches on campus
- 6 synthetic 5-a-side pitches
- Synthetic rugby pitch
- Synthetic GAA pitch and an 11-a-side soccer pitch
- National hockey stadium with a sand based pitch

 www.ucd.ie/sport/facilities



Campus Accommodation



Ireland's largest university campus, UCD is a vibrant student community with over 3,000 students living on a state-of-the-art campus only 5km from the city centre.



Key Fact

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



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 2019/20 academic years range from €9,769 to €12,008 [including 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

Booking Facts

Select from a wide range of locations with different prices and facilities. You have a choice of rooms. 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 & Social Spaces
- On-site Residential Assistants & 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.

Booking & Support Office

Merville Residences
E: residences@ucd.ie
T: +353 1 716 1031
W: www.ucd.ie/residences

Sports Clubs

With 56 official sports clubs, excellent facilities and a huge programme of fitness classes, there's something for everyone. So, make the most of your time at UCD, get involved, get active and have fun.

-  www.ucd.ie/sports/clubs
-  facebook.com/ucdsport
-  [@ucdsportsclubs](https://twitter.com/ucdsportsclubs)
-  [@ucdsport](https://www.instagram.com/ucdsport)

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



UCD Karate - 2019 Intersivity Champions



Alex Murphy of UCD Swimming



Caoimhe Mohan of UCD Ladies Football.



Student Societies

Student societies are a great way to explore your interests and develop new ones, UCD has over 90 active student societies so there is something for everyone from Jazz and Comedy to Science, Travel and Religion.

-  <https://societies.ucd.ie>
-  facebook.com/ucdsocieties
-  [@UCDSocieties](https://twitter.com/UCDSocieties)
-  [@UCDSocieties](https://www.instagram.com/UCDSocieties)

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



UCD Harry Potter Society



UCD Drama Society



UCD Symphony Orchestra



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 paper 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/stats module, just drop in and ask a question, it's free and no appointment necessary

www.ucd.ie/msc

Applied Language Centre

We equip UCD's graduates with the language skills they need to succeed. We offer courses that enable all students to become proficient in a second language. We also offer pathway courses to international students that prepare you for Academic English and academic life. Study one of 10+ languages with us, across a range of levels. Structured electives are available in French, German, Japanese and Spanish. Speaking, listening, reading and writing skills are developed in small group classes. We also offer an Introduction to English Language Teaching elective to undergraduate students and a Master of TESOL to graduate students.

Find out more: www.ucd.ie/alcur

www.ucd.ie/it

Cursai Gaeilge/Irish Language Courses and Activities

Cuireann Bord na Gaeilge UCD cursaí ar fáil ag 5 leibhéal maraon le cúrsaí ar líne agus imeachtaí don chainteoir líofa. Bord na Gaeilge UCD provides courses in conversational Irish, from beginners to advanced levels along with a range of activities and social events throughout the year.

www.ucd.ie/bnag





Libraries

Our network of Libraries are a valuable asset. We have over 960,000 print books, almost 500,000 e-books, over 300 subject databases and approximately 112,000 print and e-journals. 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

Innovation Academy

UCD Innovation Academy's mission is to provide a transformational education experience. We offer 5 elective modules for UCD undergraduate students - Creative Thinking, Essentials of Entrepreneurship, Social Entrepreneurship, Design Thinking and Design Your Life. 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. They gain key skills that are highly sought after by employers.

www.innovators.ie/for-undergraduates/

IT Services

Our students get access to one of the largest wireless network in the country, so studying, socialising and working on assignments are all easier at UCD. On-line services can be accessed 24/7 through UCD Connect, whether you are at home or abroad. We have 2 drop-in IT Centres to get help if you are having any device issues. We also have open-access laboratories across the campus where you can access your UCD Connect account and a range of network software applications.

www.ucd.ie/it



Student Supports

UCD has a dedicated support network to help ensure each student get 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.



Students' Union

The Students' Union is the representative body of UCD Students and campaigns for their rights at a national and campus level. All the SU officers are UCD students so they understand the issues facing students. Throughout the year the student entertainments office run class trips, parties, gigs, comedy nights, mystery tours, the Fresher's ball and Rag Week. They also run the award-winning newspaper, The University Observer.

www.ucdsu.ie





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.

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

Student Advisers are dedicated staff members who are on hand to make your time at UCD as fulfilling and enjoyable as possible. For simple informational requests to more confidential and serious matters, they will give you the time and space to talk things through. Each programme has a dedicated Student Adviser. Additionally, there are Student Advisers attached to specific groups of students such as mature or international students.

www.ucd.ie/studentadvisers

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

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.com/ucd.chaplaincy](https://www.facebook.com/ucd.chaplaincy)

www.ucd.ie/chaplaincy



▶ Career Development

At UCD, we are committed to helping you prepare for life after university. Whether you have a clear vision of what you want to do or are just beginning to look at your career options, UCD Careers Network is here to help. UCD is number one in Ireland for graduate employability. 91% of our recently surveyed honours degree students entered employment or graduate study within 9 months of leaving UCD.

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, lectures, 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 via www.ucd.ie/careers/appointments

Finding Jobs & Graduate Recruitment

Our vacancy portal hosts 1000'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 at application and interview.

 www.ucd.ie/careers

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.

"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

"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



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.



Explore the options ...

In second year, it's time to start thinking about what you want to do. The 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

2nd Year



Be prepared ...

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



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

3rd Year

Internships



Time to Apply

Network with world leading employers who are targeting UCD students for intern and graduate jobs at our 5 on campus recruitment fairs employer-led workshops, lectures and recruitment presentations. Every year, Over 3,000 intern and graduate jobs were directed to the UCD Careers Network for promotion to students at UCD.

Final Year

Alternative Admissions Pathways

UCD is the university for access and lifelong learning (ALL). Our motto is Cothrom na Féinne meaning 'justice and equality', and we are successful in making access to higher education fair and possible. We welcome students from a diverse range of backgrounds and we are ready to help you succeed at UCD.

UCD's Alternative Admissions Pathways are for you if you; live in a low-income household, attend a DEIS school, have a disability, are a first-time mature student, are a lone parent, want to study part-time, are a member of the Irish Travellers or ethnic minorities, or a refugee. UCD welcomes you.

Outreach, Information & Guidance

- Information sessions for prospective students at UCD Open Days.
- Outreach activities for linked community organisations and schools, offering on and off-campus information workshops, taster activities, interactive projects, academic support and mentoring programmes.
- HEAR and DARE applicant support and advice clinics.
- Open evenings and information sessions on UCD's Alternative Admissions Pathways.

Student Supports

- Dedicated student welcome programme.
- Orientation activities
- Academic skills support.
- Advice and guidance on academic, personal and practical issues.
- Needs-based financial support.
- Needs assessment for exam accommodations and Assistive Technology support for students with a disability.
- Specialised student support.
- Cothrom na Féinne Scholarships.



Key Fact

Over 29% of UCD's undergraduate students are from diverse backgrounds.



DARE Scheme

The DARE Scheme is great because they matched the exam and academic accommodations to the supports I needed. Clubs and Societies are a great way to make new friends. I joined the Trampoline Club when I started in first year. I fell in love with the club and the people and I was recently elected the Secretary of the club for the coming year!"

"I have loved maths since I was very young, it has always been my favourite subject throughout primary and secondary school. I chose UCD as it is well-known for its Maths programme, it has an amazing campus and fantastic facilities for all students.

CJ Clarke, Maths Student.



HEAR Scheme

"I applied to UCD through the HEAR scheme, the orientation and supports, including the book tokens really helped me get started in college. Another massive support especially for science students is the Maths Support Centre, who are never too busy to answer any questions you have.

My Peer Mentor was a committee member of Sci-Soc so he really helped me break the ice in new societies. Personally, I really enjoy Chess-Soc, as it is another big hobby of mine. The basketball club has also taught me so much about the game and has helped me make more friends."

Liam Mannion, Physics Student, Access Leader





Higher Education Access Route (HEAR)

Support to school leavers from under represented socio-economic groups who are under the age of 23 and are resident in the Republic of Ireland. More information on HEAR is available from your school guidance counsellor or the UCD Access & Lifelong Learning Centre.

@ hear@ucd.ie

➔ www.accesscollege.ie

Disability Access Route to Education (DARE)

A supplementary admissions scheme for school leavers with a disability or specific learning difficulty. School leavers who meet the eligibility criteria compete for a quota of places allocated to applicants on a reduced-points basis.

@ dare@ucd.ie

➔ www.accesscollege.ie

QQI-FET Applicants

Students with appropriate QQI-FET (level 5 or 6) qualifications and modules, with a minimum distinction in 5 modules, can be admitted on a competitive basis to programmes in 23 UCD undergraduate programmes.

@ admissions@ucd.ie

➔ www.ucd.ie/registry/admissions/FET.html

Mature Students

A mature student is anyone who is at least 23 years of age on 1 January of the proposed year of entry

@ mature.students@ucd.ie

➔ www.ucd.ie/maturestudents

University Access

Access programmes for mature students provide an alternative entry route to study at degree level in UCD and prepare students for entry to UCD degrees. Mature students who meet the required academic standard are guaranteed entry to the following programmes: Arts, Humanities, Social Sciences, Law, Science, Engineering, Agricultural Science & Medicine (SEAM).

Open Learning

Open Learning is a flexible way of studying part-time at UCD. It opens up hundreds of modules with opportunities to study for a qualification (credit) or just interest (audit). Students can achieve a certificate (30 credits) or diploma (60 credits) through Open Learning and can progress to a number of degree programmes; including Joint Honours (DN520), Humanities (DN530), Social Sciences (DN700), Law (DN600) and Science (DN200).

Lifelong Learning

UCD Access and Lifelong Learning is proud to continue the 70 year tradition of offering specific interest courses that are participative, engaging and facilitated by experts in their field. Lifelong Learning courses cover a broad range of topics from Languages, Art Appreciation, Irish Studies, History, Literature, Philosophy and Writing. They are open to all adult learners and provide a unique opportunity to explore a subject without examinations.

UCD Access & Lifelong Learning Centre

1st Floor,
James Joyce Library Building

T: 01 716 7123

E: all@ucd.ie

Mature Student

"I had always wanted to obtain a third level degree but as a mature student I was not sure how to go about it. The University Access to Lifelong Learning programme was recommended to me by someone who had already completed the course. I felt a little conspicuous entering college at this stage of my life but I needn't have worried - I found like-minded people in UCD and together we formed a bond to help each other through any difficulties."

**Anne Ferris, University Access Course Graduate.
English & History Graduate**



University Access

"My experience of the UCD University Access course has been incredible, enjoyable & supportive. To succeed in health science as a new improved student which UCD has trained me to become through its lecturers and supports. It has improved my critical thinking and statistic skills."

Sean Macguire

Open Learning

"Doing Open Learning this year has honestly been the best experience. I had a college experience as well as meeting new people. It was a great practice run for me because at least now I will be prepared for next semester. For anyone considering doing Open learning, I would 100% recommend it. It may help you pick a course if you're stuck between two options."

Jennifer Idowu, Open Learning



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 and 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 semester 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.

exchanges@ucd.ie

Global Excellence Scholarship

UCD awards a small number of tuition fee scholarships to high achieving international applicants.

www.ucd.ie/global



The Irish Hockey Team, which included seven Elite Sports Scholars, celebrate with their historic silver medals after the Women's Hockey World Cup Final in August 2018



Sam McGovern, Ad Astra Performing Arts Alumnus & English & Drama Graduate



Prof. Mark Rogers, Registrar & Deputy President with Peadar O'Loughlin, Ad Astra Academic Scholar



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.

Find out more: www.ucd.ie/adastraacademy



UCD Elite Sports Scholars: Katie Mullan [Captain], Deirdre Duke, Elena Tice, Gillian Pinder, Chloe Watkins, Anna O'Flanagan & Emily Beatty.



Ad Astra Performing Arts Alumna & Medical Graduate Eithne Nic an Riogh



UCD Choral Scholars visit New York City to perform at Carnegie Hall.

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 August of each year.

www.ucd.ie/ALL

Scolaireachtaí Theach na Gaeilge Bhard na Gaeilge / UCD Irish Language Student Residence Scheme

Tairgeann Bord na Gaeilge UCD 24 scoláireacht san iomlán, do mhic léinn ionchasacha agus do mhic léinn reatha le cónaí trí mheán na Gaeilge agus le feidhmiú mar ambasadóirí teanga. Roghnaítear iarrthóirí ar bhonn foirm iarratais agus agallaimh.

www.ucd.ie/bnag

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 18 scholarships to talented singers from all academic programmes. These scholars represent Ireland and the university 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.ucd.ie/choralscholars

[UCD Choral Scholars](#)

Symphony Orchestra Scholarships

Awarded to talented students in key positions within the UCD Symphony Orchestra. Recipients will perform at major venues, collaborations with other universities, tour and work with celebrated soloists and in sectional rehearsals with established professional musicians. For more information contact Dr. Ciaran Crilly, Artistic Director at orchestra@ucd.ie.

www.ucd.ie/orchestra

Academic Ad Astra Scholars

Awarded on the basis of the academic criteria of 6 H1s in the first sitting of the Leaving Cert [or A-Level equivalent], as well as an online application. For current students, up to 17 academic scholarships are awarded to high achieving students at the end of first year. Applications accepted from Feb 1st to Aug 16th 2020. Shortlisted candidates will be invited to interview after CAO offers are released.

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 Jan 31st 2020. Students should also complete their CAO forms by Feb 1st 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 Jan 31st 2020. Students should also complete their CAO forms by Feb 1st for undergraduate admissions. Graduates applications to apply directly to UCD.

www.ucd.ie/adastraacademy/elitesports

UCD is the leading centre for Arts & Humanities in Ireland. We are home to a world-renowned community of more than 200 academics and researchers who will help you acquire expertise in your subjects of choice. We provide a first-class education across 27 different subjects, which can be studied through three distinct BA degree courses: Joint Honours, Humanities and Modern Languages. We are ranked 49th in the world for English Language and Literature, and in the top 100 universities for History (QS World Rankings 2019).

Our students develop a rich variety of portable skills and in-depth knowledge to become experts in research, critical thinking, evaluation, problem solving and decision making. Our alumni play a vital role in Irish intellectual, cultural and business life, and work in senior roles across a full spectrum of industries including education, media, government, the arts, and, increasingly, in Dublin's thriving global technology and financial sectors.



Joint Honours - DN520

[3 year]

Our long-established 3-year degree provides an excellent foundation for a range of further study and career options. Joint Honours students choose from a portfolio of 25 different subjects which can be studied in different combinations (see page 26 for all available options). Popular combinations include English and History, Film Studies and French, Music and Irish.

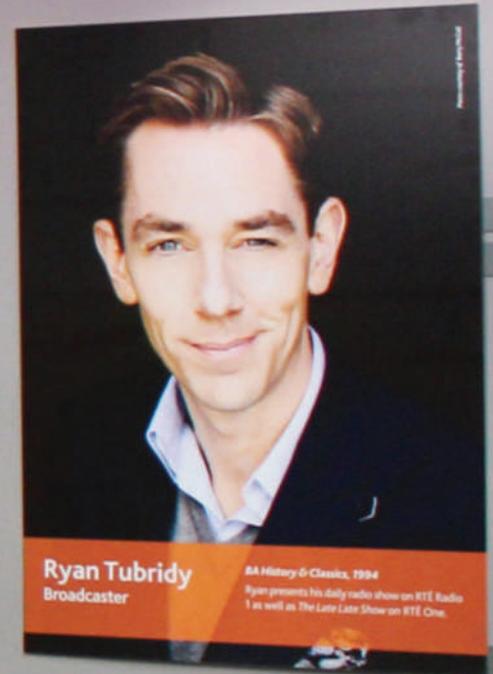
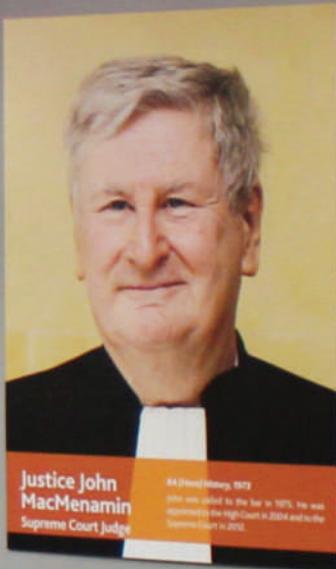
Humanities - DN530

[4 year]

Humanities is an innovative, interdisciplinary and multi-subject degree that offers 11 defined courses. It provides coherence and depth to student learning within a carefully structured framework of related subjects. The Humanities degree has the added benefit of offering you ways to diversify your skills. In 3rd year, students can enhance their expertise and broaden their horizons by choosing from a range of options. You can apply for an internship, study abroad, deepen your knowledge of your subjects or undertake a research project.

Arts & Humanities

Humanities	Joint Honours	26	Irish/Gaeilge	36
Celtic Studies, Art History & History	Archaeology	67	Irish Folklore	37
Classics, Art History & Archaeology	Art History	27	Irish Studies	38
Classics, English & History	Celtic Civilisation	28	Italian	39
English, Drama & Film	Classics (Greek & Roman Civilisation, Latin and Greek)	29	Linguistics	40
European, English & World Literatures	Drama Studies	30	Mathematics	119
English with Creative Writing	English	31	Music	41
English Literature	Film Studies	32	Philosophy	70
History	French	33	Sociology	73
History & Politics	Geography	68	Spanish	42
Languages, Linguistics & Cultures	German	34	Statistics	121
Music, Film & Drama	History	35		
	Information & Communication Studies	69	Modern Languages	53



Modern Languages - DN541

[4 year]

This 4-year degree is designed for students who wish to study at least two languages, choosing from French, German, Italian and Spanish. Students will develop an advanced linguistic ability in addition to a sophisticated level of cultural competence, enabling them to communicate fluently in a broad range of professional and social contexts. Critically aware and open to alternative ways of thinking, our Modern Languages students are equipped to live and work effectively in a multi-lingual environment and all take a year abroad at one of our partner universities in their 3rd year.

Joint Honours - DN520

This programme is ideal for students who want the freedom and flexibility to choose their preferred combination from UCD's unrivalled range of 25 individual subjects offered through this degree. On their CAO application, students select DN520 and indicate the two subjects they wish to study. Explore all the available combinations here:

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 & Communication	Irish	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		✓	✓	✓	✓	✓	✓			✓	✓	✓		✓	✓		✓	✓	✓		✓				✓

Year 1

In addition to studying your two chosen subjects you can develop your options by choosing a third subject and an elective module. You will select your additional subject during the registration period in September.

At the end of Year 1, you will receive advice and support in finalising your two subject choices before you move into Year 2.

NB If you are studying Music, you may transfer from a Joint Honours degree to a Single Subject degree after Year 1.

Years 2 and 3

Study your two chosen subjects to degree level.

Optional International Study Abroad

UCD offers you the opportunity to study abroad, for either a semester or a year, at one of our many prestigious partner universities.

Students who choose to spend a full year abroad as their Year 3 graduate with a four-year BA International degree.

Master's Course

Study for one extra year and add an MA to your BA. You can specialise in your subject or convert to another discipline with one of our top-ranking schools. See: www.ucd.ie/graduatestudies.

"My time in the School of Art History and Cultural Policy at UCD is one of my most cherished experiences when I look back at my undergraduate and postgraduate education. The School represents a rich blend of academic expertise, research and networking. The outstanding lecturers at the School come from a range of different fields and backgrounds, which facilitates a fascinating research environment. Anyone interested in Art History and some of its outer branches should definitely consider joining the excellent undergraduate and postgraduate programmes available at UCD. You won't regret it!"

Louis Weyhe Funder
Art History & Spanish, Graduate



Why is this subject 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 and Medieval World • The Art of the Renaissance: Reform and Rebirth • The Baroque to Romanticism • The Modern World

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 1300-1900 • Perspectives on Irish Art: From Medieval to Modern • History and Theory of Photography • Islamic and Indian Art • Rome: Caput Mundi • Art & Death in Early Modern Europe • Georgian Dublin • Genre Painting in the Age of Vermeer • Courts and Court Culture

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-semester examinations and continuous assessment are used. In your final year, you may also prepare a minor dissertation.

Career & Graduate Study Opportunities

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 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 and Publishing • Auction Houses • Archives

UCD offers two taught Master's degrees for suitably qualified graduates: the Master of Art History, Master of Cultural Policy & Arts Management, as well as the opportunity to pursue doctoral research, all of which provides further possibilities for careers in the arts.

International Study Opportunities

Opportunities to study abroad may include:

- Universität Wien, Austria
- Université Panthéon-Sorbonne, France
- Università degli Studi di Roma III, Italy
- Universidad Autónoma de Madrid, Spain
- Erasmus University Rotterdam, 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

Elizabeth Varley
UCD School of Art History & Cultural Policy
Newman, Belfield, Dublin 4

elizabeth.varley@ucd.ie
+353 1 716 8162
facebook.com/ucdarthistorycultpolicy



www.myucd.ie/art-history

Art History

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

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements,
see pages 191-199

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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

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

Other Entry Routes same as above

Studying Art History as a Minor

with one of the following:

Archaeology	Sociology
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Other courses of interest

Modern Languages	→53
Classics, Art History & Archaeology	→44
Celtic Studies, Art History & History	→43

Celtic Civilisation

BA [Hons] [NFQ Level 8] - DN520

BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

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

Other Entry Routes

same as above

Studying Celtic Civilisation as a Minor

with:

Archaeology

Other courses of interest

Celtic Studies, Art History & History →43



"Celtic Civilisation has proven to be a very compelling and intriguing subject for me. As a Celtic Civilisation student, I have had access to a wide range of interesting and challenging modules. I would strongly recommend Celtic Civilisation to anyone with even the smallest interest in the history, literature, language and culture of the Celts in Ireland and further afield."

Rosemary Shannon

Celtic Civilisation & Linguistics,
Graduate

Why is this subject 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?

Celtic Civilisation

The Celtic Civilisation programme includes a choice of specifically designed Celtic modules and offers a range of relevant modules from other subjects. This gives students the opportunity to acquire a broad overview of Celtic culture and also to explore more specific aspects of interest.

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, both prose and poetry, thereby gaining an insight into the riches of the language and literature of early medieval Ireland. No previous knowledge of Irish is required.

Career & Graduate Study Opportunities

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

- Heritage
- Research
- Media
- Teaching
- Business

Courses also prepare students for graduate studies in a wide range of linguistic, historical and literary fields.

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



"Studying Greek and Roman Civilisation was a major highlight of my time in UCD. The many aspects of life that the programme touches on [history, literature, drama, art, archaeology and language, to name a few] kept me engaged and interested throughout. The wonderful teaching at the School of Classics provided me with excellent analytical skills which have been key assets to, and indeed inspired me towards, my subsequent career as a solicitor. To enhance my research abilities for my career, and as my undergraduate experience was so enjoyable, I have also undertaken the MA in Classics part-time."

Alex Ryan

History & Classics, Graduate



Why is this subject 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 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 any 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 & ROMAN CIVILISATION

First Year

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

Second & Final Years

Alexander the Great • Greek Tragedy • Heracles the Hero • Greeks, Romans, and Barbarians • Minoans and Mycenaeans • Epic after Virgil • The Oedipus Myth • Pompeii • Eating and 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, Livy.

GREEK

We offer a language programme for beginners, leading to the study of authors such as Homer, Plato, Sophocles, 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.

Career & Graduate Study Opportunities

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. 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/

International Study Opportunities

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

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.

Classics

(Greek & Roman Civilisation, Latin and Greek)

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

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 & Roman Civilisation

as a Joint Major with one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

Other Entry Routes same as above

Studying Greek & Roman Civilisation as a Minor

with one of the following:

Archaeology	Geography
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Other courses of interest

Classics, Art History & Archaeology →44
Classics, English & History →45

Dr Alexander Thein, Head of School
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www.myucd.ie/classics-greek

Drama Studies

BA [Hons] [NFQ Level 8] - DN520

CAO Code DN520

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

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

Other courses of interest

English Literature	→49
English, Drama & Film	→46
Music, Film & Drama	→52



"I chose to study drama at UCD because I wanted to pursue a career in theatre and felt I needed the grounding of a university degree. The course is the perfect balance of academic and practical study. The staff are supportive and approachable. The Performance Project module was the highlight of the course for me as I got to work with a professional director to create and perform in an original piece of theatre. I enjoyed the course immensely and so I continued to the MA in Theatre Practice, offered by UCD and the Gaiety School of Acting. I now work as an actor / director. My most recent directing credits include *Free EU Roaming* at the Dublin Fringe Festival 2018 and *Bump* which was performed at the Edinburgh Fringe Festival."

Rosa Bowden
English with Drama, Graduate

Why is this subject for me?

The Drama Studies programme is for students who are interested in learning about theatre and 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 current theoretical methods and approaches to research and analysis of theatre and performance, and in a wide range of generic, historical, national and international traditions.

What will I study?

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

Students attend lectures, tutorials and workshops. They also participate in group work and undertake independent study. Years One and Two introduce students to fundamental theoretical and practical skills for research and analysis in Drama Studies. In Year Three, students build on this knowledge and are invited to pursue more specialised interests.

Current offerings during 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

Introduction to Acting • Playwriting • Contemporary Ireland on Stage • 20th

Century Avant Garde Drama • Staging Performance

Third Year

Contemporary Theatre and Performance • Beckett in Performance • Theatre of Martin McDonagh • Research Project • Performance Project • Educational Drama and Augusto Boal • Performance in Everyday Life • Queer Theatre and Performance • Literature of Northern Ireland

Career & Graduate Study Opportunities

Drama Studies will develop your knowledge of theatre and performance, and hone and enhance your research and writing skills through academic and practical study. 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

Master's 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.

International Study Opportunities

Opportunities may include:

- 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



www.myucd.ie/drama-studies



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"Studying English at UCD has empowered me to develop a profound understanding and appreciation of literature. It has also given me the opportunity to implement the craft of writing, critical thinking and analysis, helping me to develop how I articulate my ideas in academia and everyday life. The School of English 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
English & Linguistics, Student



Why is this subject 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 literary history and culture including:

First Year

Literature in Context 1 [1300-1600] • Literature in Context 2 [eighteenth century to the present] • Contemporary Irish Writing • Literary Genre: the Art of Criticism and the Craft of Writing • How to Read Poetry • Contemporary Dystopian Fiction • Children's Literature • Writing the Body • Comics and Fantasy • Introduction to Canadian Studies • Literature and the Marketplace

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 and the Arts • Theatres of Change • Gender, Culture and Society • Global Science Fiction •

Masculinities and Manhood • Contemporary Irish Women's Poetry • Global Eco-Literature • Making Shakespeare • Literature and Science • The Crime Novel

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

Career & Graduate Study Opportunities

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 • Tech.

There is a wide range of Master's Programmes available in the School of English, Drama and Film, including: Creative Writing • Literature and Culture [with strands in American • Gender, Sexuality and Culture • Medieval • Modern and Contemporary • Renaissance] • Anglo-Irish Literature and Drama
See www.ucd.ie/englishdramafilm/study/postgraduate for more detail.

International Study Opportunities

We have links with: Albert-Ludwigs-Universität, Freiburg, Germany • Universität 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

English

BA [Hons] [NFQ Level 8] - DN520
BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

Other Entry Routes same as above

Studying English as a Minor

with one of the following:

Sociology	Geography
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Other courses of interest

English Literature	→49
English with Creative Writing	→48
European, English and World Literatures	→47
English, Drama & Film	→46



Film Studies

BA (Hons) [NFQ Level 8]

CAO Code **DN520**

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Study Film Studies

as a Joint Major with one of the below:

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

Other courses of interest

Drama Studies	→30
English Literature	→49
English with Creative Writing	→48
English, Drama & Film	→46



"When deciding what I wanted to study at university I had one simple criteria: I wanted to love what I studied. I loved every minute of Film Studies at UCD. The course beautifully combines academic literature with artistic texts to interlink both the critical and the creative. It covers everything from European cinema, to digital and social media studies. I spent my third year studying abroad in Amsterdam, which allowed me to experience a whole new culture. Since graduating, I have worked as an intern at British Vogue, as a news and features journalist at the Irish Times and currently as a Digital Rights coordinator at RTÉ Player. This would never have been possible without the incredible tutelage I have received from the Film Department in UCD."

Anna Joyce

English & Film, Graduate

Why is this subject for me?

Media literacy is a vital 21st century skill and the cultivation of such literacy stands at the centre of this degree path. Students are encouraged to make connections between literary, 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.

What will I study?

In Film, 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. Modules include:

First Year

Perspectives on Media I & II (including case studies in digital innovation, film, television, and other media forms) • Global Media • Film Style • Film Sound.

Second Year

Film and TV Genre • Authorship • Mediated Identities • Production Cultures • National Cinemas.

Third Year

Film Animation • Contemporary Alternative and Independent Cinemas • Social and Digital Media • Television Genres

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-semester examinations. In third year, all teaching takes the form of small group seminars.

Career & Graduate Study Opportunities

Graduates have pursued careers in every strand of media and media culture, including: film festivals, arts curation, archive work, education (schools and universities), journalism, and television and film production. Graduate study opportunities include MA and PhD degree programmes in Media Studies.

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



www.myucd.ie/film-studies



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"Studying French enables you to access a diverse range of areas including language, literature, history and culture. I spent my third year on Erasmus in Lyon, one of the highlights of my university experience. Shortly after graduating I spent two years in Canada working in the financial services industry, in a French-speaking role. This would not have been possible without my time in UCD."

Conor Doran
French & Maths, Graduate



Why is this subject for me?

French is both a European and 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 skills and critical thinking.

We strongly encourage our students to spend a year abroad as part of their degree and graduate with a BA Arts International. Studying abroad is a valuable experience which enables you to perfect your language skills and immerse yourself in a different culture. Places may be limited and preference will be given to those with higher results. 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 the French language and French and francophone literature and culture, developing your linguistic and critical skills across our three-year or four-year degree options.

First Year

Foundations in Language and Literature: French Grammar & Comprehension • French Grammar & Expression • Reading Short French Texts • French Literary Analysis

Second Year

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

Intro to Enlightenment • Baudelaire • French New Wave Cinema • Versailles • The Realist Novel • Second Language Acquisition • 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-semester written assignments, project work and end-of-semester exams.

Career & Graduate Study Opportunities

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

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.

International Study Opportunities

Students undertaking D520 BA Arts 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!

French

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

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

Other Entry Routes same as above

Studying French as a Minor

with:

Politics & International Relations

Other courses of interest

Modern Languages	→53
European, English and World Literatures	→47
Languages, Linguistics & Cultures	→51
Law with French Law	→78



German

BA (Hons) [NFQ Level 8] - DN520

BSc (Hons) [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

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

Other Entry Routes same as above

Studying German as a Minor

with one of the following:

Sociology	Economics
Politics & International Relations	

Other courses of interest

Modern Languages	→53
European, English and World Literatures	→47
Languages, Linguistics & Cultures	→51



"Studying German at UCD gave me a wider understanding of not just how to speak the language but also how to understand German culture, history and literature. I was a member of both the German Society and the German Debating team during my time at UCD. In my third year, I received a Scholarship to study at the Friedrich Alexander University in Erlangen, Germany. This opportunity was invaluable, as I not only perfected my German language skills, but I also gained international work experience working for the University's Learning Innovation team. After my final exams, I went straight into full-time employment at Accenture and I now work in Lidl. Both of these jobs require fluency in German, made possible by my degree."

Sarah Gordon

German & Linguistics, Graduate

Why is this subject for me?

German is one of the most widely spoken first languages in Europe, and, in economic terms, Germany's strength and significance is 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. Places may be limited and preference will be given to those with higher results. 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?

Core language modules alongside a range of modules in culture, history, literature and translation. Examples of modules include:

First Year

German Language • German Language for 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 • Modernist German Literature • Translation English-German & German-English • Grimm's Tales and Adaptations • German-Speaking Enlightenment • Contemporary German Prose • Radical Thinkers

German is taught in lectures, classes and through independent study and recommended reading. Project work or group work may 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.

Career & Graduate Study Opportunities

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

A BA Arts in German is an ideal pathway to graduate study. Our graduate programmes include the MA in Modern Languages, MA in Applied Linguistics, and MLitt in German. We also offer supervision for doctoral research in a range of specialised areas.

International Study Opportunities

The additional Erasmus year abroad for the BA Arts International can be spent at one of our partner institutions:

Bayreuth • Berlin [FU] • Erfurt • Erlangen • Graz • Konstanz • Leipzig • Münster • Munich • Potsdam • Vienna • Würzburg



www.myucd.ie/german



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"I work for Mercury, a large Irish engineering company managing complex projects around Europe. My role as the Corporate Communications Officer is to produce communications for the company website and social media channels. My experience as a History student in UCD has greatly informed my day to day work. During my time as a History student I learnt how to write high-quality content at short notice, construct arguments, present information and analyse data, all of which are absolutely invaluable and utilised on a daily basis in my working life."

Evan O'Quigley
History & Sociology, Graduate



Why is this subject for me?

Humans live through their stories. Studying History is the best way of making sense of our own stories and experiences. If you are interested in the real decisions that people have made and if you wonder how ideas, commerce, warfare, science, empires, and revolutions have forged new worlds, then History is the subject for you. The School of History is the leading centre for historical research in Ireland and will open possibilities to a career working with history across a wide range of industries.

What will I study?

You will study Irish, European and World History from the Middle Ages to the present. You will engage with different aspects of History – political, cultural, social, and economic. You will explore questions and problems, and develop your critical thinking skills and your ability to express your ideas and arguments.

DN520 Joint Honours Degree

Students who choose to take History as a Joint Honours three-year degree can study History combined with Archaeology, Film Studies, Irish, Mathematics, Spanish, Art History, French, Irish, Folklore, Music, Celtic Civilisation, Geography, Irish Studies, Philosophy, Drama, German, Italian, English, Greek and Roman Civilisation, Linguistics and Sociology. 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 Single Subject History

If you wish to take History as a Single Major Subject, you will study the courses listed by year. In addition, you will 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. In fourth year, you will write a dissertation and design your own research programme, under close supervision.

First Year

First year offers a broad choice of subject areas that range from medieval to modern European,

American and Irish History and include modules such as: Rome to Renaissance • Modern Europe 1500–2000 • Ireland's English Centuries • The Making of Modern Ireland, 1800–2000. In First Year, you also will take 'Creating History', where you will study in a small group with a historian, to develop the skills that are essential to the subject.

Second Year

In second year, you begin to specialise in the areas of History that you are most interested in, focussing on particular countries, themes, and periods.

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 can also study abroad.

Assessment

Assessment for History modules 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. An increasing number of European partners offer some courses through English, though we recommend that students take the opportunity when studying abroad to develop their language skills.

Career & Graduate Study Opportunities

History students acquire key transferable skills that are attractive to a wide range of employers. These skills include critical thinking, creativity, writing, and researching. Recent graduates work in organisations such as RTÉ, the National Museum, Google, Dáil Éireann, Government Departments, and the EU Commission. 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.

History

BA (Hons) [NFQ Level 8] – DN530

BA (Hons) [NFQ Level 8] – DN520

BSc (Hons) [NFQ Level 8] – DN700

CAO Code **DN530** BA Humanities

Single Subject History

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191–199

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 **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

Entry requirements as above

Studying History

as a Joint Major with one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

Leaving Cert Subject Entry Requirements

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

Other Entry Routes

same as above

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

Other courses of interest

History & Politics	→50
Classics, English & History	→45
Celtic Studies, Art History & History	→43



Irish/Gaeilge

BA (Hons) [NFQ Level 8] - DN520

BSc (Hons) [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements,
see pages 191-199

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

as a Joint Major with one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

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

Other Entry Routes same as above

Study Irish as a Minor

with one of the following:

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

Other courses of interest

Celtic Studies, Art History & History →43



"Two thoughts come to mind when I think back over my time as a student of Modern Irish in UCD. Firstly, the School of Irish, Celtic Studies and Folklore is a wonderful and welcoming destination to study. Secondly, the lecturers' classes were always interesting, informative and enjoyable. In addition, outside the lectures, I always had a strong bond with my fellow students and with the broader faculty. I discovered my Irish-speaking family here, learning together, eating lunch together in our Student Space [Seomra Caidrimh] and spending memorable days in the Gaeltacht together. Irish is not just a university subject in UCD: it's a living language and source of community as well."

Stiofán Ó Briain

English & Irish, Graduate

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 teagasc 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 nua-aimseartha agus stairiúla, idir theanga agus litríocht – Ó Fhionn agus na Fianna anuas go dtí TG4 agus go leor eile.

Cad atá i gceist?

I measc na gcúrsaí a chuirtear ar fáil tá:

- Teanga na Gaeilge (idir Scríobh agus Chumarsáid)
- Nualitríocht
- Iriseoireacht na Gaeilge
- Athbheochan na Gaeilge
- Gaeilge na hAlban
- An Litríocht Roimh 1845
- Scannánaíocht

Spreagtar rannpháirtíocht sna ranganna beaga teagasc 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

larchéime

- 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/Diplóma larchéime sa Nua-Ghaeilge agus MA/Diplóma larchéime 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 staidéir 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



www.myucd.ie/irish



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"I found Irish Folklore to be a fascinating subject with an impressive range of challenging and rewarding modules. The enthusiastic and dedicated lecturers have inspired my studies and encouraged my participation and engagement. So, if you are curious about popular and traditional culture, society and identity, and human existence in everyday life, then I would strongly suggest that Folklore will transform your interests into a passion. Become fabulously enriched by Folklore - you won't be disappointed."

Brian Simpson

Irish Folklore & Archaeology, Graduate



Why is this subject 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 • Traditional Storytelling

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.

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

Career & Graduate Study Opportunities

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

You can also 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.

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.

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.

Irish Folklore

BA [Hons] [NFQ Level 8] - DN520
BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

Other Entry Routes same as above

Studying Irish Folklore as a Minor

with:

Archaeology

Other courses of interest

Celtic Studies, Art History & History →43



Irish Studies

BA [Hons] [NFQ Level 8]

CAO Code **DN520**

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

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 one of the below:

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

Other courses of interest

Celtic Studies, Art History & History →43



“Irish Studies provides many vantage points from which to expand and challenge the concept of Irishness. It fosters a historical background, which encourages you to think critically about Irish culture. I explored alternative narratives, including literature produced by people in direct provision, as well as contemporary film analysing the impact of the recession in Ireland. These were grounded in an understanding of classical Irish literature. I have thoroughly enjoyed my first two years of study and am excited to discover what comes next.”

Catherine Ryan

Irish Folklore & Irish Studies Student

Why is this subject for me?

Irish Studies is an interdisciplinary programme 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 designated option modules from other Arts & Humanities and Social Sciences programme subject areas, including Irish, Folklore, Celtic Civilisation, Archaeology, Art History, English, Geography, History, Music and Sociology.

Modules include:

First Year

Introduction to Irish Studies • Introduction to Irish Cultural Studies • Folklore & the Imagination.

Second Year

Reading Irish Studies: Place People & Identities • Irish Studies Readings Seminar

Third Year

Irish Studies Texts and Contexts • Language Literature and Society.

Students attend lectures and tutorials and undertake independent study.

Assessment is through a combination of end-of-semester written examinations and continuous assessment

Sample Irish Studies module options

Ireland Uncovered • Exploring Ireland • Gender, Culture and Society • List of module options from all other Schools in the College of Arts and Humanities

Career & Graduate Study Opportunities

Irish Studies graduates can find employment in:

Journalism and the media • Tourism • Heritage • Advertising • Business • The Arts • Public Relations • Public Service • Politics
Graduates are also eligible to apply for UCD MA programmes, including Irish Studies, History and English.

International Study Opportunities

Exchange opportunities available to third-year students have included:

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

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



www.myucd.ie/irish-studies



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"I chose to study Italian to learn the language which has always interested me, but also to deepen my understanding of Italian culture and its rich history. I am leaving UCD with a passion for Italian, having had an amazing experience whilst in UCD and in Italy on Erasmus exchange. Since first year I have found the lecturers and staff in the Italian Department so enthusiastic, patient and dedicated to each student. This is essential when trying to learn a language. Overall, my experience studying Italian in UCD has been extremely positive and I intend to continue learning and studying Italian after graduation."

Maeve Redmond
French & Italian, Graduate



Why is this subject for me?

In today's world, where language skills are growing in importance, Italian is an exciting language to study. Not only will you enjoy learning Italian, you will also open up excellent career opportunities in many areas of business and society. You will have the option to spend a year studying in Italy, one of the world's most beautiful and fascinating countries.

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'll 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?

You will study language modules each year and also choose from a range of literary and cultural modules, including:

The Making of Modern Italy • Women's Writing • Renaissance Italy • Italian Cinema • The History of the Italian Language • Italian Short Stories

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-semester exams.

KEY FACT

Italian is open to both beginners and non-beginners.

Career & Graduate Study Opportunities

Studying Italian opens the door to graduate studies [MA or PhD, in Ireland or abroad] and many careers, including:

- Careers in organisations like the EU, UN, and NGOs
- Multinationals
- The Diplomatic Service
- Communications & Marketing
- Hospitality and entertainment industries
- Teaching
- Publishing
- Journalism
- Translation and interpreting

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
- 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.

Italian

BA [Hons] [NFQ Level 8] - DN520
BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

Other Entry Routes same as above

Studying Italian as a Minor

with one of the following:

Sociology	Politics & International Relations
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Other courses of interest

Modern Languages →53
European, English and World Literatures →47
Languages, Linguistics & Cultures →51



Linguistics

BA [Hons] [NFQ Level 8] - DN520

BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366–553

Length of Course 3 Years

DN520 Places 420

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

06/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

www.ucd.ie/FET.html

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Linguistics

as a Joint Major with one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386–625

Length of course 4 Years

DN700 Places 500

Leaving Cert Subject Entry Requirements

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

Other Entry Routes same as above

Studying Linguistics as a Minor

with one of the following:

Sociology	Philosophy
Politics & International Relations	Geography

Other courses of interest

Modern Languages	→53
European, English and World Literatures	→47
Languages, Linguistics & Cultures	→51



"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

Linguistics & Information
& Communications Student

Why is this subject 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

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

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

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

Career & Graduate Study Opportunities

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 • Business • Advertising • Software development • Database analysis

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.

International Study Opportunities

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

Paris, France • Barcelona, Spain • Valladolid, Spain • Bilbao, Spain • North Carolina, USA • Toronto, Canada • Waseda, Japan.

"In UCD you gain an education that introduces you to many different cultures, genres and theories of music which you would not experience anywhere else. The diversity of the faculty is very beneficial as you receive a very broad education, from theory to classical music, to music from around the world and from popular culture. The lecturers motivate every student to reach their full potential and have a great rapport with the students. As a member of the UCD Symphony Orchestra I have travelled to Sweden and Belgium, and performed in many amazing local venues. Having completed my MA, I am now about to embark on my PhD. I can surely say that UCD School of Music will forever hold a special place in my heart!"

Rachel Hally Music & Italian,
BMus, MMus, Graduate



Why is this subject 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 • Music, Culture & Society • Music Theory and Musicianship • Performance Ensemble Electives.

Second & Final Years

Modules include:

Music History • Formal Analysis • Musics of the World • Irish Music • Baroque Counterpoint • Harmony and Keyboard Harmony • The Piano Concerto • The Symphony • Popular Music • Performance Ensembles • Conducting • Orchestration • Music, Sound and the Moving Image • Blues & Jazz • Medieval Song • Opera • Philosophy of Music

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 can be taken 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 semester.

BMus

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

Career & Graduate Study Opportunities

Music graduates can pursue careers in:

The Music Industry • Journalism • Media • Arts Administration • Music Education • Academia • Performance • Music Therapy

Music graduates often take their study of music further, through graduate studies. The UCD School of Music offers a Master in Musicology [pathways in **musicology** and **ethnomusicology**], MLitt, and PhD.

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, Ontario, Canada, Waseda University, Japan, and University of California, Los Angeles.

Performance Scholarships

The School of Music offers over forty performance scholarships each academic year. Details on criteria and auditions for these scholarships can be found on our website www.ucd.ie/music/.

Music

BA [Hons] [NFQ Level 8] - DN520
BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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

www.ucd.ie/FET.html

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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

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

Other Entry Routes same as above

Studying Music as a Minor

with:

Information & Communication Studies

Other courses of interest

Music, Film & Drama →52



Spanish

BA (Hons) [NFQ Level 8] - DN520

BSc (Hons) [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

06/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

www.ucd.ie/FET.html

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 one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

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

Other Entry Routes same as above

Studying Spanish as a Minor

with:

Politics & International Relations

Other courses of interest

Modern Languages →53

Languages, Linguistics & Cultures →51



"Studying Spanish in UCD was a truly diverse experience as I studied both the language and a broad spectrum of Hispanic literature and culture. Through the Erasmus programme I had the opportunity to study in Seville, which was one of the most enjoyable and enriching aspects of the degree. The UCD staff were always very supportive and encouraged me to develop both my academic interests and personal skills. My positive undergraduate experience led me to continue my studies in UCD, first completing my MA and now a PhD in Spanish."

Annmarie Kelleher
Spanish & Italian, PhD Student

Why is this subject 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 not only accessible in the initial stages of learning, 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. If suitably qualified, students have the opportunity to study for an Erasmus year in Spain, Latin America or Portugal.

First Year

Modules include:

Language • Study Skills • Stories, Poetry, Drama, Short Texts • Electives, including Portuguese Language.

Second & Final Years

Modules include:

Language • 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 may include end-of-semester examinations, coursework, presentations and projects.

Career & Graduate Study Opportunities

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

They are also eligible to apply for the MA in Modern Languages and other taught Masters programmes in the School of Languages, Culture & Linguistics and College of Arts & Humanities. MLitt and PhD programmes are also available.

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 • Monterrey, Mexico • Austral, Buenos Aires, Argentina • Montevideo, Uruguay • Lisbon, Portugal • Coimbra, Portugal

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



www.myucd.ie/spanish



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"I got to know the lecturers and tutors very well, which is important. They were incredibly friendly and approachable. I enjoyed how Celtic Civilisation drew on a variety of disciplines in order to explore the world of the Celts, such as History, Linguistics and Folklore. The course teaches you a variety of skills which can be applied to numerous careers, and the way in which the subject is taught makes the student experience in UCD uniquely enjoyable and enriching."

Ronan O'Reilly Graduate



Celtic Studies, Art History & History

BA (Hons) [NFQ Level 8]

Why is this programme for me?

Are you interested in pursuing research or a career in culture, the arts, or heritage? This unique interdisciplinary programme covers all of these areas, ranging across Celtic Studies, Art History and History. The core of this programme will see students examine the history, literature, language and culture of the Celts across the centuries. It will challenge students and will develop their critical thinking and evaluation skills, as well as providing an appreciation of the complexities of ideas, societies, cultures, languages and art.

What will I study?

In this unique course, the study of the history of the Celts will be placed in a European and global context, allowing for a deep understanding of Celtic civilisation from antiquity to the present day. Students will engage with the aesthetic, stylistic, historical and critical elements of the visual arts: painting, sculpture, architecture, the decorative arts and modern visual art forms, including photography, video and performance. The diversity of choice in the modules that are available – from Early Irish and Welsh to Medieval Art and Architecture, and folklore and migration – brings the three subjects together in a stimulating way.

First Year

All students take a core interdisciplinary module entitled 'The Celtic World Today' and then choose to study from the full range of Celtic Studies, Art History and History modules, such as: Introduction to Celtic Civilisation • Early Medieval Ireland, its history and literature • Medieval Welsh literature • Vikings in the Celtic World • Ireland's English Centuries • Creating History • Dublin: Its Museums • The Art of the Ancient and Medieval World • The Art of the Renaissance: Reform and Rebirth • The Modern World

Second Year

Choose from the full range of Celtic Studies, Art History and History modules, such as: Medieval Ireland • Northern Ireland • Islam & Christianity • British Empire • The Modern to the Contemporary • Islamic and Indian Art • Perspectives on Irish Art: From Medieval to Modern • History and Theory of Photography • The Study of Folklore • Poets, Power and Performance • Literature and Language in Early Ireland

Third Year

Apply to undertake an internship or study abroad for a semester and choose to study from the full range of Celtic Studies, Art History and History modules.

Fourth Year

Undertake a research dissertation drawing on the disciplines studied and choose to study from the full range of Celtic Studies, Art History and History modules.

Career and Graduate Study Opportunities

Students on this programme will gain the transferable skills highly valued by employers in the cultural and heritage sector, education, archives, media, journalism, public service, museums and art galleries, research, and a wide range of private sector employment opportunities that require interdisciplinary competences. In addition to MLitt and PhD programmes in Art History, Celtic Studies and History, this programme prepares students for graduate study in many areas, including: Celtic Studies • Art History • History • Film • Drama • Media Studies • Cultural Studies • Education • Archives • Cultural Policy & Arts Management

International Study Opportunities

Opportunities for study abroad include those at universities in: Iceland • Norway • France • Wales • Scotland • Austria • Germany • Italy • Poland • Spain • Switzerland • America • Australia

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Classics, Art History & Archaeology →44
Classics, English & History →45



Classics, Art History & Archaeology

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements,
see pages 191–199

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

Classics, English & History →45

Celtic Studies, Art History & History →43



"The Classics students and faculty members get to know each other easily and quickly, which is invaluable in a large university. The degree has allowed me to explore career options that range from further academic studies to careers in international heritage management. I loved my time at UCD, thanks to the subject combination I chose and the people I met, through my subjects. I enjoyed my time so much that I chose to undertake an MA in Classics."

Zoë Purser-Doyle Graduate

Why is this programme for me?

Students who study this course will benefit from the interdisciplinary study of the visual arts, archaeology, and material culture from prehistory and antiquity to the present day. Studying Classics, Art History and Archaeology will give you insight into the ancient world and also into the Classical ideas that have shaped European culture. Learn how to explain and interpret the world around you, evaluate evidence and reach reasoned conclusions, 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 which 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 such as 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 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 can choose a wide range of modules such as: Minoans and Mycenaeans • Early Roman Empire • Greek Tragedy • Islamic and Indian Art • The Age of Michelangelo • History and Theory of Photography • Archaeology of Landscapes • Archaeology of Things • Archaeological Science

Third Year

A core module based on summer fieldwork in Glendalough and a selection from the full range of modules in Classics, Art History, and Archaeology. You may also choose to study abroad or apply for an Internship.

Fourth Year

Option of a research dissertation in the three disciplines and a selection from the full range of modules in Classics, Art History, and Archaeology.

Career & Graduate Study Opportunities

Graduates will have skills in critical thinking and interdisciplinary analysis which will prepare them for careers in the cultural and heritage sector, education, archives, media, journalism, public service, museums and art galleries, research, and a wide range of private sector employment opportunities. The programme provides a broad range of transferable skills, from working in teams through varied forms of presentation to independent research.

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.



www.myucd.ie/classics



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"I love studying Classics, English & History. My course has given me the tools to research and learn about so much, from modern literature and classical art to in-depth studies of fascism. This degree is fantastic as it combines three subjects that heavily overlap and pinpoints those intersections through specific modules, as well as allowing you to study each area in a more focused context. UCD is a place full of opportunities. It is an incredible place to study and I couldn't recommend it strongly enough."

Niamh Scully Student



Classics, English & History

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226-566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

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

Classics, Art History & Archaeology →44

Celtic Studies, Art History & History →43

Why is this programme 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 programme 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 cognate subjects of Classics, English and History will be consolidated by small-group tuition in thematic 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 and 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

Choose from the full range of modules in Classics, English and History, including: Alexander the Great • Greek Tragedy • Heracles the Hero • Greeks, Romans, and Barbarians • The Oedipus Myth • Pompeii • Eating and 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

Students will benefit from a range of options:

- Apply your knowledge with a competitive internship.
- Study abroad to broaden your horizons and immerse yourself in a new culture.
- Deepen your knowledge by studying a full 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

Career and Graduate Study Opportunities

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

In addition to MLitt and PhD programmes in Classics, English and History, this programme prepares students for graduate study in many areas, including:

Classics • English • History • Film • Drama • Media Studies • Cultural Studies • Education • Archives

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.

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www.myucd.ie/classics-english-history

English, Drama & Film

BA [Hons] [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226-566

Length of Course 4 Years

DN530 Places 200

For general entry requirements,
see pages 191-199

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

Music, Film & Drama →52

European, English and World Literatures →47



"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 about the modules and opportunities this course will offer me over the next three years."

Raphael Adams Student

Why is this for me?

Study English, Drama and Film if you are interested in the relationships between literature, drama and film. 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 in shaping community and societal structures and beliefs. Choose this course if you want to explore how the study of English, Drama and Film intersects with questions of gender, race, and identity. Become a critical and creative thinker.

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 programme. In addition, there are dedicated transdisciplinary modules which 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 1 & 2 • Literature in Context 1 & 2 • Theatre Context and Conventions • The Theatrical Event • Perspectives on Media 1 & 2

Second Year

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 • History of Television

Third Year

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 • Semester Abroad

Fourth Year

Monsters of the Market: Zombs, Vamps, and World Literature • Revolutions in Twentieth Century World Theatres • Alternative Cinemas • TV Genres • Dissertation

Career and Graduate Study Opportunities

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

There is a wide range of MA Programmes available from UCD School of English, Drama and Film, as well as opportunities for MPhil and PhD study. MA programmes include:

Literature and Culture • Anglo-Irish Literature and Drama • Creative Writing • Theatre Practice • Drama and Performance Studies • Writing for Theatre • Film Studies

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

International Study Opportunities

We offer a number of Erasmus and Study Abroad opportunities, including: 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



www.myucd.ie/english-drama-film



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"Coming to UCD from Italy, I would not have expected to find such an international atmosphere. During my first year, I had the opportunity to get to know a great number of different cultures and literature. European, English & World Literatures gives me a broad perspective about literature on a global scale, not limited to anglophone or Spanish, the latter being my language of choice. I have really enjoyed my degree so far, and I find it fascinating to discover how all the different genres and cultures influence each other. I would recommend this course to anyone interested in literature, no matter where they come from."

Bianca Forini Student



European, English & World Literatures

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Modern Languages →53
English Literature →49

Why is this programme for me?

This programme develops a comparative understanding and a questioning of the literary and intellectual legacies of European languages, including English. You will examine literatures in their historical context, analysing the artistic and literary movements that shaped European society. You will also look at the ways in which these languages and literatures have migrated and evolved across the world, and assess the role of literature in encoding and challenging cultural identities in transnational contexts.

What will I study?

Students will read English and one of the modern languages: French, Spanish, Italian or German.

You will study a wide range of modules, encompassing a wealth of geographical, chronological and generic diversity from the Renaissance to the contemporary period; from Ireland, England and continental Europe to Africa, the Americas, Australia and Asia; from poetry, prose and drama to history of ideas and cinema – hence developing your ability to analyse critically the ways in which language, literature and ideas interact, and how they inflect and shape the societies in which we live. In addition to these literature and culture modules, you will take language modules in your chosen European language, since cultural engagement can only be achieved through an advanced level of linguistic competence. All European language modules focus on the texts written in the original language.

First Year

English modules: Literature in Context 1 and 2 • Contemporary Irish Writing • Literary Genre • Foundational literature and culture modules in French, Spanish, Italian or German.

Two dedicated transdisciplinary modules: Reading European Literatures • Reading World Literatures • Language proficiency modules in French, Spanish, Italian or German

Second Year

Choose from a wide range of English literature modules and a wide range of literature and culture modules in French, Spanish, Italian or German. Students also take intermediate language proficiency modules in French, Spanish, Italian or German.

Example modules:

The French Realist Novel • German Enlightenment • Italian Short Stories • Latin American Culture • Critical Theory • Modern American Literature • A choice of two further English Literature options • Special Collections: Introduction to Archival Research

Third Year

The third year is spent abroad in either: France • Canada • Spain • South America • Portugal • Germany • Austria or Italy, depending on the language of study. Students will continue their study of English literature.

Fourth Year

Specialised option literature and culture modules in English and one of French, Spanish, Italian or German. Language proficiency modules in French, Spanish, Italian or German.

Example modules:

Literature of Québec • German Modernism • Italian Women Writers • Surrealism in Spain and Mexico

Career & Graduate Study Opportunities

International relations • Education • Translation and interpreting • Journalism and media • Tourism • Careers in the EU • Publishing • Law • Academia and research • Arts administration • Heritage management • Public administration

International Study Opportunities

Exchange partners include universities in Paris • Lyons • Bordeaux • Rouen • Rennes • Angers • Besançon • Geneva • Brussels • Montreal • Salamanca • Bilbao • Seville • Zaragoza • Chile • Uruguay • Argentina • Berlin • Leipzig • Munich • Vienna • Rome • Milan • Trento and Urbino



English with Creative Writing

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191–199

Leaving Cert Subject Entry Requirements
06/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 →46

English Literature →49



“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 programme allows me to focus entirely on something I am passionate about. The School’s impressive range of English modules is unparalleled and gives me the freedom to explore the subject in great depth.”

Djamel White Student

Why is this programme for me?

If your interest in literature extends to an ambition to write creatively, this degree programme 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, which 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 • Literature in Context 1 & 2 • 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

Third Year

Modules include: Poetry Workshop • Fiction Workshop • Creative Non-Fiction Workshop • Literary Editing: HCE Journal • Students will also choose from a wide range of specialist English modules such as Making Shakespeare, Gender and Sexuality in the 18th Century, Austen’s 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, the Crime Novel, Contemporary Irish Writing, Memory and the Irish Stage, Contemporary Irish Women’s Poetry, Modern American Poetry and Poetics. Students will also partake in advanced Creative Writing Workshops.

Career and Graduate Study Opportunities

Creative Writing graduates work across a wide variety of jobs including: writers, editors, publishers, literary agents, literary event support, literary critics, digital content writers and advertising copywriters.

Graduates also enter other professions including: Broadcasting and Journalism • Cultural Production and Arts Management • Public Relations • Business / Finance • Law • Politics • Policymaking • Teaching • Heritage • Management Consultancy • Tourism • Humanities Research, and many others.

We offer a wide range of postgraduate programmes, including MA, MFA and PhD. Programmes include: the MA and MFA in Creative Writing • MA in Writing for Theatre • MA in Literature and Culture • MA in Anglo-Irish Literature and Drama

See www.ucd.ie/englishdramafilm/study/postgraduate for more details.

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.



www.myucd.ie/english-creative-writing

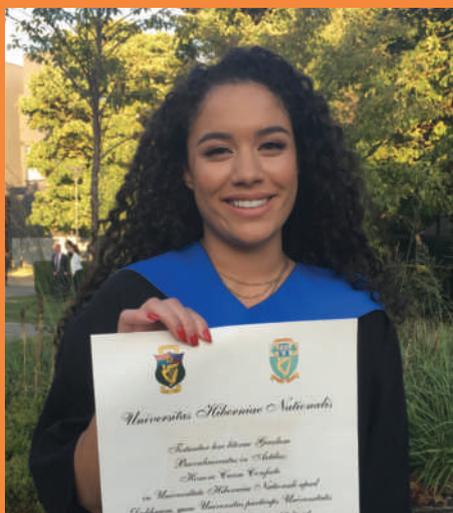


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"My undergraduate studies in the English Literature programme were highly rewarding. Our small course size meant that we all got to know each other well, and came to value the opportunity to share ideas in a supportive environment. It also allowed us to work closely with the exceptional faculty members, who were always available for individual guidance and encouraged us along any path we wished to follow. Overall, the programme enabled me to develop vital abilities for postgraduate study and further research. These skills will be of paramount importance to me in my upcoming MA studies and throughout my professional life."

Asia Hart-Easo Graduate



English Literature

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226-566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
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Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

English with Creative Writing	→48
English, Drama & Film	→46
European, English & World Literatures	→47

Why is this programme 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 to change lives? 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 Degree in English 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 through to the twenty-first century – writing which extends across national boundaries and regions, from British to Irish to American to World Literature, and 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 – learning how the meanings of literary texts change and renew across time and space.

First Year

Modules include: Literature in Context 1 & 2 • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading / Creative Writing • Literature and the Marketplace

Second Year

Modules include: 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

Choose from a wide range of specialist modules in different literary fields, including: Literature and Science, Architecture and Narrative, Yeats and the Arts, Theatres

of Change, Global Science Fiction, Masculinities and Manhood, Contemporary Irish Women's Poetry, Global Eco-Literature, Making Shakespeare, and many others.

Students may choose to study abroad or apply for an Internship.

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.

Career & Graduate Study Opportunities

Our English graduates have found employment in: Broadcasting and Journalism • Cultural Production and Arts Management • Public Relations • Business / Finance • Publishing • Law • Politics • Policymaking • Teaching • Heritage • Management Consultancy • Tourism • Marketing • Humanities Research, and many other areas

There are a wide range of MA Programmes available in the School of English, Drama and Film, as well as opportunities for MPhil and PhD study. MA programmes include:

Literature and Culture (with specialisms in American • Gender, Sexuality and Culture • Medieval • Modern and Contemporary • Renaissance); Anglo-Irish Literature and Drama; Creative Writing

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

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 • University of Barcelona, Spain • University of British Columbia, Canada • University of Miami, USA • University of Otago, New Zealand



History & Politics

BA [Hons] [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226-566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

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

History	→35
Politics & International Relations	→71
Law with History	→82



"The range of modules in History and Politics allowed me to study what I found interesting. With Politics, I had the opportunity to study political theory, international relations and comparative politics. These modules work well with History, where I learned key research skills. I studied a stimulating range of topics, from the French Revolution to the Foundation of Islam to Post-War Europe. The combination of History and Politics gave me a valuable skill set for a more complex understanding of the world. Research, writing, editing and presenting were all key for this course and skills that I use everyday in my current marketing role."

Roisin Guyett-Nicholson Graduate

Why is this subject 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 programme offers an 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

You will deepen your knowledge by taking core and elective modules in History and Politics. In History, these modules will allow you to allow you to focus on particular countries, themes, and periods. In Politics you will study modules ranging from international relations to human rights.

Third Year

You will enjoy wide freedom of choice in third year to specialise in the area of study that most interests you. You may also undertake study abroad or apply for an internship. A wide range of option modules are available across the two subjects.

Fourth Year

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

Assessment

Assessment for History and Politics modules is through a mix of coursework, essays, learning journals, exams and presentations. In the final years, research papers and the dissertation make up a major part of your assessment.

International Study Opportunities

Students may apply for study abroad opportunities in universities across Europe and worldwide. Both schools have a network of exchange agreements with partner universities.

Career & Graduate Study Opportunities

Graduates of History and Politics have developed key skills in research, analysis and communication that are highly valued by employers. The degree provides a wide range of future career opportunities in both the private and public sector. History and Politics graduates work across:

- International Organizations
- Broadcasting and Journalism
- Business
- Civil Service
- Law
- NGOs
- Publishing
- Public Relations
- Politics
- Research
- Teaching
- Marketing
- Policymaking
- Tourism
- Heritage

Graduates are also eligible to apply for UCD MA and MSc programmes in either History or Politics and International Relations, details of which can be found on the relevant school's website.



www.myucd.ie/history-politics



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[@UCDHistory](https://facebook.com/UCDHistory)

"I have always had a passion for foreign languages, so the choice of Italian was easy. I also took Linguistics modules and have never looked back. While learning a language focuses on what you say and how you say it, Linguistics uncovers the why. I find it fascinating. UCD has a fantastic variety of modules to choose from and the lecturers and tutors are always encouraging, helpful and passionate about their subjects. I would highly recommend my course for anyone wanting a deeper understanding of language alongside the excitement and opportunities that come from learning a new one."

Charlotte Stead Student



Languages, Linguistics & Cultures

BA (Hons) [NFQ Level 8]

Why is this programme for me?

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

What will I study?

This programme focuses on specific oral and written language skills and critical intercultural and interdisciplinary skills. The programme allows students to explore modern and ancient languages and cultures. Learning activities critically explore communicative practices and students will engage with a variety of approaches to language including approaches based on literary, linguistic, historic and cultural studies. The programme 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

Students may spend an academic year studying abroad or they may combine a semester abroad with an internship or a research project.

Fourth Year

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

Career & Graduate Study Opportunities

This programme prepares students for a variety of career paths, including: careers in 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 programme is to address the status of Irish as a modern working language in the European Union.

In addition to MLitt and PhD programmes, this programme prepares students for postgraduate study in a variety of fields, including in the School of Languages, Cultures and Linguistics, and the School of Irish, Celtic Studies and Folklore.

International Study Opportunities

Study abroad opportunities across Europe and worldwide, e.g. Austria • Germany • France [including overseas regions] • Spain • Latin America [including Brazil] • Italy • Croatia • UK • North America • South Africa • Iceland

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Modern Languages →53

European, English & World Literatures →47



Music, Film & Drama

BA (Hons) [NFQ Level 8]

CAO Code **DN530**

CAO Points Range 2018 226–566

Length of Course 4 Years

DN530 Places 200

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/H7 in English, Irish, a third language and three other recognised subjects
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 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 →46

English with Creative Writing →48



"I studied English and Music for my degree and I enjoyed every minute of it. I found that studying these subjects together complemented and deepened my understanding of both. I write plays now and during a production, it's important to be conscious of both the physical happenings on stage and the soundscape that will be presented as part of that production. I would recommend studying these subjects together as it provides you with a broader and deeper understanding of complementary disciplines working in harmony to create works of entertainment and art."

Róisín Coyle Graduate

Why is this programme 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 programme 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 programme 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 programme, 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-semester 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, and Reception • Adaptation, Transmediality, and Intertextuality • Intro to Physical Theatre • Musicianship • The Theatrical Event • Perspectives in Media I and II • Music, Culture and Society • Theatre Context and Conventions • Film Sound • Performance Electives

Second Year

Producing Music, Film and Drama • Popular Music and Culture • Staging Performance • European Cinema • Documentary and 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

Apply for an Internship or Study Abroad Semester • The Symphony and European Culture • Contemporary Alternative Cinema • Staging Texts • Educational Drama and Augusto Boal • Topics in Ethnomusicology • Contemporary Theatre in Performance • Performance Electives

Fourth Year

BA Dissertation • The Oedipus Myth • Modernism and 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.

Career and Graduate Study Opportunities

This 4-year course prepares graduates for careers across a wide range of industries including:

Theatre • The Music Industry • The Film Industry • Journalism • Media • Arts Administration • Education • Academia • Performance

The programme also prepares students for graduate study in:

Music • Film Studies • Drama Studies • Musicology • Ethnomusicology • Media Studies • Cultural Studies • Education

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 and Performance Studies

International Study Opportunities

We offer a number of Erasmus and Study Abroad opportunities, in France • Germany • Italy • Spain • Netherlands • Czech Republic and further afield in Queen's University, Canada • Waseda University, Japan • University of California, Los Angeles • University of California, Davis • University of Melbourne



[www.myucd.ie/
music-film-drama](http://www.myucd.ie/music-film-drama)



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"I cannot recommend this programme enough. Highlights include the small class groups; the range of subjects; the year abroad; and above all, the stellar teaching staff who provide a wealth of knowledge and engagement. I wasn't always sure which path I wanted to take, thanks to the wide-ranging topics, competencies and language skills the programme builds I could ultimately figure out where I wanted to go. During my studies I have had the opportunity to live and travel abroad, meet new people and experience new cultures, food, music, movies, languages, art, and see how a culture, a history and an identity can be shaped by language."

Ryan O'Regan Student



Modern Languages

BA (Hons) [NFQ Level 8]

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.

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 on an elective basis.

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.

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

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]. Two intercultural modules • Choice of modules in literature, history and cultural studies or linguistics • An optional third language.

Second Year

One intercultural module • Two main languages • Choice of modules in literature, history and cultural studies or subject-specific linguistics • An optional third language

Year Abroad

Linguistic, literary, historical and/or cultural courses at the host institution • Continued study of 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-semester written and oral examinations, and continuous assessments.

Career & Graduate Study Opportunities

Your excellent knowledge of languages and strong communication, intercultural and analytical skills will open careers across a wide spectrum of industries, including:

- Politics & public service
- Journalism
- Education
- Finance
- Marketing & business
- Creative & media industries
- Translation & interpreting

You will also be well qualified to pursue a range of programmes at MA and PhD level, including the UCD MA Modern Languages and MA Linguistics.

International Study Opportunities

Studying abroad is an essential element of this degree. Students are guaranteed an Erasmus exchange place at one of our more than 40 partner universities in Germany • Austria • France • Belgium • Switzerland • Canada • Italy • Spain • South America

CAO Code **DN541**

CAO Points Range 2018 380-601

Length of Course 4 Years

DN541 Places 50

For general entry requirements, see pages 191-199

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:

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, English & World Literatures →47
Languages, Linguistics & Cultures →51
Commerce International →92

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www.myucd.ie/modern-languages

UCD leads the way with the broadest and most diverse Social Sciences programmes in Ireland offering innovative social sciences education and research to address the critical social, political, cultural and economic concerns of our time.



Why UCD Social Sciences?

- Study with internationally renowned academics in the social sciences.
- Capitalise on UCD's impressive international rankings in a wide and diverse range of social sciences subjects.
- Develop expertise in the research techniques employed by social scientists.
- Gain relevant real-world professional experience with an optional internship in a government agency, a non-profit organisation or a business.
- Cultivate a global mindset by taking advantage of opportunities to study abroad in leading universities in the UK, US, Europe and Asia.
- Develop the skills required to succeed in today's rapid-paced business and societal environment, including research, problem solving, analysis and communication.
- Become a member of a social sciences alumni network of Irish and global leaders.
- Take advantage of the opportunity to study subjects from across all UCD's offerings with UCD Horizons.

Your First Year Experience

- The first year studying social sciences is structured to provide extensive support to incoming students as they make the transition to third-level learning. Each student is assigned a Peer Mentor (an existing UCD Social Sciences student) to offer guidance and support as you navigate your new life in university.
- As you develop expertise in your subjects and become more familiar with the university teaching and learning environment, you increasingly choose your own options, studying areas that interest you. From your second year you will have an Academic Mentor to give you academic advice and support your choices.



Social Sciences

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Philosophy	70
Politics & International Relations	71
Social Justice	72
Sociology	73
Art History	27
Celtic Civilisation	28
Classics [Greek & Roman Civilisation, Latin and Greek]	29
English	31
French	33
Geology	124
German	34
History	35
Irish/Gaeilge	36
Irish Folklore	37
Irish Studies	38
Italian	39
Linguistics	40
Mathematics	119
Music	41
Spanish	42
Statistics	121

Studying UCD Social Sciences

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

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

Career Opportunities

Social sciences graduates are valued by employers for their skills in research, leadership and communication. Graduates of UCD social sciences 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. BSc Social Sciences students may undertake an internship for a semester in Year 3.



International Study Opportunities

As Ireland's global university, we encourage our students to apply to study for a semester or a year abroad through UCD's extensive global network of partner Universities. 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 through the UCD Applied Language Centre.

Students who take social sciences subjects with a language minor will spend their third year abroad in a partner University.

Graduate Study Opportunities

You may undertake a Master's related to a discipline you studied in your undergraduate degree, such as international relations, experimental archaeology or behavioural economics. A social sciences degree also allows you to progress to a range of interdisciplinary Master's degrees in fields such as public policy, cognitive science, criminology, human rights, geopolitics, development studies, equality studies, digital information management, urban environment, world heritage management and more. You may also choose to convert your undergraduate degree with a Master's in a new discipline such as Law, Business or Computer Science.

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 59 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 63 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 Science. 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 64 for more details.

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 semester. You will learn to analyse, criticise and challenge beliefs and assumptions - including your own.

Choose your course from one of the following **five** options below:

**Computational
Social Science**

**Economics, Mathematics
& Statistics**

**Archaeology,
Geography & History**

**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:

Economics	Sociology
Geography	Mathematics
Information & Communication Studies	Social Justice
Philosophy	Statistics
Politics & International Relations	
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
Information & Communication Studies	Social Justice
Philosophy	Statistics
Politics & International Relations	
OR with one Minor subject	
History	German
Chinese	Irish

Studying Geography

as a Joint Major with one of the below:

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

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Politics & International Relations	
OR with one Minor subject	
Chinese	Irish
Greek	Linguistics

Studying Politics & International Relations

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	
OR with one Minor subject	
Linguistics	Irish
Chinese	Italian
French	Spanish
German	

Studying Sociology

as a Joint Major with one of the below:

Archaeology	Politics & International Relations
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	
OR with one Minor subject	
Art History	German
English	Irish
Linguistics	Italian

Studying Social Justice

as a Joint Major with one of the below:

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

Computational Social Science

BSc (Hons) [NFQ Level 8]



"Computational Social Science allows me to study areas I'm interested in, ranging from political and sociological studies to the mathematical aspects of research. I feel computational social science is an important, emerging field which combines social sciences and computer science by creating a link between the two and thereby providing an understanding of how to interpret social data. This degree will provide me with the skills and competencies to understand the ever-increasing world of big data, and how to accurately analyse vast amounts of information that is being driven by a more connected digital space. I know that this will provide me with many interesting and unique opportunities and pave the way for a rewarding career."

Saoirse McKenna Student

CAO Code **DN700**

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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

If you obtain less than H4 in Leaving Certificate mathematics, you must pass a "Level 0" UCD mathematics module in semester 1.

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

Computer Science

→129

Why is this degree 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?

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 social sciences subjects. You 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 Modeling and Linear Algebra. In addition, students choose two social sciences subjects from: Sociology • Politics • Economics • Geography • Plus an 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 semester abroad at another leading university in Computational Social Science and an internship with an industry partner.

Fourth Year

The fourth year includes an interdisciplinary workshop and an individual capstone project with industry partners, in addition to modules 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 semester, 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. 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, semester-long study opportunities will be offered in a number of international partner universities.



www.ucd.ie/myucd/socsc



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"The Single Honours Economics degree has given me many valuable skills to help choose from a wide range of careers paths. The analytical skills gained are extremely valuable. One of the programme's biggest strengths are the projects undertaken in the core classes, which have been a great talking point for job applications. I received enough specialisation in policy economics to know that I wanted to continue with the M.Sc. Applied Economics at UCD after graduation. Having received one of the School's Master's scholarships, my experience with Economics at UCD has helped me gain both a traineeship at the European Central Bank, Germany, and employment in the Irish Government's Economic Consultancy Service (IGEES) as a Graduate Economist."

Mojdeh Khandanian Graduate



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 programme 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 programme, 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 two 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 semester 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-semester written examinations and continuous assessment is used.

Career & Graduate Study Opportunities

Economics graduates are in high demand – our graduates work in Bank of Ireland, Price Waterhouse Cooper, 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.

Economics

BSc (Hons) (NFQ Level 8)

CAO Code **DN710** BSc Economics

CAO Points Range 2018 467-625

Length of course 3 years

DN710 Places 50

For general entry requirements, see pages 190-196

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 www.ucd.ie/maturestudents

CAO Code **DN700** BSc Social Sciences

CAO Points Range 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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 www.ucd.ie/maturestudents

Studying Economics

as a Joint Major with one of the below:

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

Studying Economics

OR with one Minor subject:

History	German
Chinese	Irish

OR within a pathway:

Computational Social Science
Economics, Mathematics & Statistics
Philosophy, Politics & Economics

Other courses of interest

Economics & Finance	→93
Law with Economics	→81

Economics, Mathematics & Statistics

BSc (Hons) [NFQ Level 8]



"I have always enjoyed studying Economics and Mathematics and so I had an interest in pursuing this subject combination in my degree. I chose Economics, Mathematics and Statistics as my degree to gain a solid foundation in all three subjects as I am interested in pursuing a career in quantitative research in the Financial Sector. I enjoy the practical and theoretical elements to the degree and the teaching staff are very supportive."

Thomas Johnston Student

CAO Code **DN700**

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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. If you do not achieve this grade or higher, you must complete an introductory Level 0 UCD mathematics module in Year 1.

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

Economics

→59

Why is this degree for me?

If you are interested in Mathematics, Statistics and Economics, then this subject enables 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 and Number Theory • Introduction to Programming • Plus Elective module

Second Year

Intermediate Microeconomics • Intermediate Macroeconomics • Probability Theory • Predictive Analytics 1 • Inferential Statistics • Multivariable Calculus • Analysis • Linear Algebra 2 • Algebraic Structures • Plus Elective modules

Third & Fourth Year

Econometrics • Time Series Analysis • Complex Analysis • Financial Mathematics • Stochastic Models • Specialist Economics options • Study Abroad opportunity • Internship opportunity • Research Project • Plus Elective modules

Assessment

Assessment is through a combination of end-of-semester 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



Professor Gary McGuire
UCD School of Mathematics and Statistics

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"Studying this combination of subjects was not only academically beneficial but very exciting. Although each discipline has its own unique characteristics, they perfectly complemented each other, which meant that studying one subject strongly promoted my development in the others also. As a result of the great variety of modules offered, I could always find the ones that matched my interests and I could gain and develop strong critical and analytical skills through courses that I truly enjoyed. I have received incredible support from the teaching and technical staff, who went far beyond my expectations. I would recommend this combination of courses to anyone who is interested in both Environmental and Social Sciences."

Csaba Horvath Graduate



Archaeology, Geography & History

BSc (Hons) [NFQ Level 8]

CAO Code **DN700**

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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 degree for me?

This pathway brings together the archival strengths of History, the spatial expertise of Geography, and the material analytical approaches of Archaeology to develop understandings of how the landscape shaped humans at the same time as humans shape the landscape. It is a unique interdisciplinary combination of natural and cultural perspectives on the formation, cultural significance and management of the landscape. The programme has clear links to the expanding Heritage sector and students will develop a range of transferable skills.

What will I study?

Students will study modules in Archaeology, Geography and History, as well as interdisciplinary modules designed specifically for this programme. This will include key methods and principles of the three disciplines, drawing on Irish and international case studies and standards. Teaching will include classroom based learning, laboratory, archive and field components, with an emphasis on high levels of student engagement, culminating in a student-led interdisciplinary research project in the final year of the programme.

First Year

Introduction to the three subject areas. A special core module for this programme, Making the Irish Landscape, highlights the distinctive and exciting focus of this pathway. All first year social science students also study the core module, Societal Challenges in the Twenty First Century.

Second Year

Key methods and principles in all disciplines are introduced, and students begin to explore specific sub-disciplines within Geography, History and Archaeology.

Third Year

The focus in year three is on diverse and formative learning experiences. You will have the opportunity to apply for an internship, as well as to undertake overseas fieldwork in a European location.

Fourth Year

Final year will facilitate greater depth of analysis and understanding. A major independent interdisciplinary research project, closely supervised by academics, will be a key requirement.

Assessment

A range of assessment types including: essays, reviews, portfolios, lab reports, projects, exams and substantial independent research will be undertaken.

Career & Graduate Study Opportunities

Graduates from these fields will be well placed for employment in the varied and expanding Heritage Sector, including cultural and natural heritage. Other likely pathways include: the archaeological profession • the museum sector • Geographic Information Systems • surveying or cartography • archive or library work • secondary school teaching

International Study Opportunities

Semester-long study opportunities will be offered in a number of international partner universities.

Other courses of interest

Archaeology	→67
Architecture	→187
Geography	→68
History	→35



Philosophy, Politics & Economics

BSc (Hons) [NFQ Level 8]



"I chose to study Politics, Philosophy and Economics (PPE) because I really enjoyed studying economics and always knew that it was an area that I wanted to pursue. I also had an interest in the current political climate and current affairs. I was attracted to PPE as it offers a high degree of flexibility and the degree is also held in high regard internationally. The skills I am learning will be beneficial to future employers who will be interested in employing critical thinkers and graduates who can apply their knowledge to many fields. I am learning how to form a sound argument and developing excellent research skills from philosophy, while gaining analytical and problem-solving skills from Economics and the study of Politics is expanding my communication and teamwork abilities."

Rebecca Troy Student

CAO Code **DN700**

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Other courses of interest

Law →77

Why is this degree 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?

The PPE provides a thorough grounding in all three disciplines that are core to the social sciences. The programme is quite structured at first, but allows more choice and more specialisation with each successive year. This programme 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 mathematical assignment in Economics. But 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 semester-long study opportunities will be offered with PPE universities in the Netherlands, Germany and Switzerland.



www.ucd.ie/myucd/socsc



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"I chose Psychology at UCD as I have a great interest in human nature and behaviour. Being awarded the Ad Astra Performing Arts Scholarship, provided an opportunity to continue my passion for music alongside my academic coursework. In third year, I had the opportunity to study and perform for a year at the University of Amsterdam [UvA] in the Erasmus programme. In final year, I loved being involved in student life and in particular as treasurer for the Psychology Society [PsychSoc] where we organised many memorable year-round academic and social events. This degree has equipped me with a broad background and understanding of human behaviour and all projects during the course, including my final year research project, have greatly developed my critical thinking skills and choices for the future."

Eleanor Gaffney Student



Why is this subject 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).

First Year

Social Psychology • Brain & Behaviour
• Psychology: Key Skills & Concepts •
Introduction to Psychology • Introductory
Research Methods • Perception & Cognition •
Introduction to Applied Psychology • Elective
module • Plus added optional modules

Second & Third Year

Behavioural Neuroscience • Child &
Adolescent Development • Visual Cognition •
Psychology Labs • Personality & Human
Intelligence • Independent Research Project
• Option modules within Psychology • UCD
Horizons 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-semester 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

Psychology

BSc (Hons) [NFQ Level 8]

CAO Code **DN720**

CAO Points Range 2018 500-601

Length of Course 3 Years

Places 85

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Other courses of interest

Social Justice →72



Social Policy & Sociology

BSocSc (Hons) [NFQ Level 8]

CAO Code **DN750**

CAO Points Range 210-530

Length of Course 3 Years

Places 100

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Social Justice

→72



“My year at the University of Tokyo was a life changing experience. Local students mixed in naturally with the international students, which made each discussion dynamic and diverse. I learned about socio-economic issues through Japanese culture and language, which was helpful as I was able to apply experience of social problems I gathered and encountered first hand to several modules of social policy after returning to UCD. While the language classes were challenging, they helped me build confidence in my speaking skills. As a BSocSc student, I was given this opportunity of a lifetime – studying at UTokyo meant challenging myself, venturing outside of my comfort zone, and establishing a road to working in a truly international environment in the near future.”

Atsuko Fujii Graduate

Why is this degree for me?

The Bachelor of Social Science (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 the European Union, the USA and East Asia: poverty, homelessness, addiction, mental illness, social stratification, criminal justice, globalisation, gender equality, sexualities and reproductive health, 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 66: and on Sociology see page 73.

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 compulsory modules in social policy and sociology you will select optional modules from one of the following pathways, which will refine and develop your career 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 School offers international study opportunities in universities both in Europe and further afield including Germany • Italy • The Netherlands • Sweden • Japan • Hong Kong • Malta



www.ucd.ie/myucd/socsc



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DN750 - Studying BSocSc Social Policy and 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

Global Developments

Inequality in Irish Society

Introduction to Psychology

Introduction to Social Work

Year 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
 - Comparing Welfare States
- Housing, Neighbourhoods and Homes

Work, Organisations and People

Modules may include:

- Introduction to Work and Organisational Psychology
- European Industrial Relations
- Human Research Management
 - Employment Relations

Year 2 Compulsory Modules

- Sociological Theory
- Quantitative Sociology
- Investigating Social Services
- Economics of Social Policy
- 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
 MSocSc Sociology/MSocSc Cultural Sociology
 MSocSc Health, Wellbeing & Society
 MSocSc Race, Migration and 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

Private 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 Masters in Social Work, a requirement to practice as a social worker

Social Policy

BSocSc (Hons) [NFQ Level 8]

CAO Code **DN750**

CAO Points Range 210-530

Length of Course 3 Years

Places 100

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Science

→95



“As a 17 year old completing the Leaving Cert, the only thing I was sure of was that I wanted to work with people in a meaningful way, so I applied for Social Sciences in UCD. I studied Social Policy and Sociology, which focused my interests towards Social Work as a career path. After obtaining valuable, direct experience with Focus Ireland, I returned to UCD to complete my Masters of Social Science [Social Work]. I found both the Bachelors and the Masters hugely rewarding, relevant and interesting. I now work as a Community Social Worker, developing the capacities of communities to improve their own health outcomes.”

Gavin Mulhall Graduate

Pictured: Dr Valerie O'Brien speaking to a student.

Why is this subject 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 and Concepts; Understanding Social Problems and Policies; Contemporary Irish Welfare State; History of Irish Social Policy, Introduction to Social Work, plus Sociology modules.

Second Year

In their second year, students select a pathway from a choice of “Social Work and Social Professions”, “Society and Public Service” or “Work, Organisations and 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 and act as a bridge to the world of work or further study that you will enter when your degree is complete.

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.



www.ucd.ie/myucd/socsc



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facebook.com/UCDSocialPWJ

"I always had an interest in Archaeology, so when I came to UCD, I decided to try it. I really enjoyed the diversity it offered, the great field trips and the lifelong friends I made. My initial interest grew into something more than that and I decided to make a career of it. The fact that staff were so approachable helped enormously. I have now completed a PhD in UCD School of Archaeology, researching childhood in early medieval Ireland."

Denise Keating Graduate



Why is this subject 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 • Plus another subject • Plus 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 and Historic Archaeology • Archaeological Science • Plus another subject • Plus 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 abroad for a semester or year.

Modules may include: Archaeology of Food • Ancient Technologies • Hunter Gatherers • Early Medieval Europe • Environmental Archaeology • Plus another subject • Plus 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 programme and to build life skills that will be of benefit beyond the programme.

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.

Archaeology

BSc (Hons) [NFQ Level 8] - DN700

BA (Hons) [NFQ Level 8] - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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 one of the below:

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

Studying Archaeology

OR with one Minor subject:

Art History	Greek & Roman Civilisation
Celtic Civilisation	Irish
Chinese	Irish Folklore
Geology	

OR within a Pathway:

Archaeology,
Geography & History

CAO Code **DN520** BA Joint Honours

CAO Points Range 366-553

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

History	English
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Other courses of interest

Archaeology, Geography and History	→61
Landscape Architecture	→189
Classics, Art History & Archaeology	→44

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www.ucd.ie/myucd/socsc

Geography

BSc (Hons) [NFQ Level 8] - DN700

BA (Hons) [NFQ Level 8] - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

06/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 one of the below:

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

Studying Geography

with one Minor subject:

English	Linguistics
Greek & Roman Civilisation	Irish
History	Geology

within a Pathway:

Computational Social Science	Archaeology, Geography & History
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CAO Code **DN520** BA Joint Honours

CAO Points Range 366-553

Length of course 3 Years

DN520 Places 420

Leaving Cert Subject Entry Requirements

06/H7 in English, Irish, a third language and three other recognised subjects.

Entry Routes same as above

Studying Geography

as a Joint Major with one of the below:

History	Irish
Art History	Music
English	

Other courses of interest

Social Policy & Sociology →64
Architecture →187



"I had initially chosen geography as my option subject in first year but ended up falling in love with the diversity of modules geography had to offer. Each module was very interesting and covered a wide range of topics and issues. UCD school of geography staff have always been so helpful and approachable, helping every step of the way from simple questions in class to assessments. Studying geography at UCD has opened many doors for future study and career opportunities."

Naoise O'Connor Student

Why is this subject 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 and Regions • Plus another subject • Plus Elective module

Second Year

Topics include: Introduction to GIS for the Social Sciences • Field Studies in Ireland • Global Historical Geographies • Rivers, Estuaries and Coasts • Weather, Climate and Climate Change • Quaternary Environmental Change • Political Geography • Plus another subject • Plus Elective modules

Third Year

Topics include: Projects in GIS • Social/Population Geography • UCD Geography in the Community • Overseas field trip • Environment and Sustainability • Development Geographies • The Quaternary of Ireland • Development of Dublin • Plus another subject • Plus Elective modules

BSc Geography students may apply in their Third Year to do an internship or study abroad. Students studying Geography with Chinese will study abroad for their third year.

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: Planetary Geomorphology • The Urban Environment • Historical Geography of Ireland in the Nineteenth Century • River Catchment Management • US Foreign Policy • Techniques and Fieldwork in Physical Geography • Political Geography of EU Integration

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-semester 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.



www.ucd.ie/myucd/socsc



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"Information and Communication Studies gave me a better understanding of how information influences all aspects of society, particularly in business. It also gave me practical tools to analyse data and create meaning from it. My current role, as a Media Associate in Ireland's largest marketing communications company, involves liaising with agencies, on digital and offline media planning and buying. In my work, an understanding of the media landscape and keen attention to detail is vital. The skills and knowledge I gained from my studies have helped me in my career and they have also made me a more informed digital citizen."

Melanie O'Donovan Graduate



Information & Communication Studies

BSc (Hons) [NFQ Level 8] - DN700

BA (Hons) [NFQ Level 8] - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

Archaeology	Mathematics
Economics	Sociology
Geography	Social Justice
Philosophy	Statistics

Politics & International Relations

Studying Information & Communication Studies

OR with one Minor subject:

Music	Irish
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CAO Code **DN520** BA Joint Honours

CAO Points Range 366-553

Length of course 3 Years

DN520 Places 420

Leaving Cert Subject Entry Requirements

06/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 one of the following:

Linguistics	English
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Other courses of interest

Science →95

Why is this subject 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 and Social Media • Digital Technology • Digital Judgement: Truth, Lies & the Internet • Information Design • Plus another subject • Plus Elective module

Second Year

Core Competencies for Digital Citizenship • Social Media & Participation in an Online World • Organisation and Retrieval of Information • Computer-Mediated Communication • Social Studies of ICTs • Information & Collaboration in Organisations • Plus another subject • Plus Elective modules

Third Year

The Digital Self • Information Ethics • Digital Storytelling • Web Publishing • Information Architecture: Designing the Web • Web UX Evaluation • Plus another subject • Plus Elective modules • Study Abroad Opportunity • Internship Opportunity

Fourth Year

Specialist modules including Research Design • Research Experience • Data & Society • Intro to Communication Theory

Assessment

Students attend lectures and tutorials and undertake independent study and project work. Assessment is through a combination of end-of-semester written examinations, projects and continuous assessment, including a wide variety of digital projects, such as blogging and writing smartphone applications.

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 Communication & Media, 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
- 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 semester. Destinations include the USA, Australia, China and Canada



Philosophy

BSc (Hons) [NFQ Level 8] - DN700

BA (Hons) [NFQ Level 8] - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements,
see pages 191-199

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 one of the below:

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

Studying Philosophy

OR with one Minor subject:

Chinese	Irish
Greek	Linguistics

OR within a pathway:

Philosophy, Politics & Economics

CAO Code **DN520** BA Joint Honours

CAO Points Range 366-553

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 one of the below:

Art History	Music
History	English

Other courses of interest

Law with Philosophy →84



“Studying Philosophy at UCD was one of the best decisions I have ever made. The lecturers’ ability to share their knowledge and encourage critical thinking has proven to be beneficial in many other aspects of life – this course completely changed how I see ethics, time, science and society at large. I cannot recommend it highly enough.”

Kevin McDermott Student

Why is this subject 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 Eastern philosophy to Existentialism. As Social Science students you will also take the core module, ‘Societal Challenges in the 21st Century’.

Second Year

Modules include: Applied Ethics • Knowledge and Scepticism • Feminism and Gender Justice • Philosophy of Mental Disorder • Logic • Philosophy and Literature

Third Year & Fourth Year

Students can choose from a wide range of modules, including: Philosophy of mind • Metaphysics • Philosophy of religion • Phenomenology • Philosophy of law • Critical Theory • Nietzsche • Aristotle • Philosophy of Interpretation

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

Students may apply to study abroad for a semester or a year in Year 3. Destinations include: France, Germany, Belgium, US and Italy. Students studying Philosophy with Chinese will study abroad for their third year.

“My drive to learn more about politics has been like building blocks creating a skyscraper towards my passion giving me a glimpse into the future I want. This has been achieved by studying in the School of Politics and International Relations. With the variety of topics in politics to pursue I have been given an insight into National and EU Politics, International Relations, Sustainable Development Goals, International Political Economy and Political Theory. As auditor of the Politics and International Relations society in UCD, it is a pleasure to grow my knowledge of the realities of the world surrounding us through politics in a variety of events that we as a society create to give students a new, non-partisan perspective of Politics and International Relations.”

Claudia Lyons Student



Why is this subject 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 and 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 • Plus another subject • Plus Elective module

Second Year

Individuals and the State • Law, Politics & Human Rights • Comparative Politics • International Relations • Research Methods in Political Science • European Union • Achieving the Sustainable Development Goals • Plus another subject • Plus Elective modules

Third Year & Fourth Year

International Political Economy • International Justice • EU in the World • Middle East Politics • Theories of Democracy • Data Analytics for the Social Sciences • Political Activism in the Middle East • Introduction to Asian Politics •

Justice in Education • Gender in War and Peace • Plus another subject • Plus Elective modules

Students may opt to take a single major in Politics from third 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-semester 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, 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.

Politics & International Relations

BSc (Hons) [NFQ Level 8] - DN700

BA (Hons) [NFQ Level 8] - DN530

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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 one of the below:

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

Studying Politics & International Relations

OR with one Minor subject:

Linguistics	Irish
Chinese	Italian
French	Spanish
German	

OR within a pathway:

Philosophy, Politics & Economics
Computational Social Science

CAO Code **DN530** BA Humanities

CAO Points Range 226-566

Length of course 4 Years

DN530 Places 200

Leaving Cert Subject Entry Requirements

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

Entry Routes same as above

Studying Politics

as a Joint Major with:

History

Other courses of interest

Law with Politics →85



Social Justice

BSc (Hons) [NFQ Level 8]



"I am currently studying Social Justice as a joint major with Politics and International Relations. I'm very satisfied with how well the two disciplines complement one another, especially in the areas of development, human rights, and public policy. The first- year modules in Social Justice are very varied and I have studied Social Justice Perspectives, which introduced us to concepts from oppression, privilege, inequalities, to questioning how we view the world due to the information we consume and reproduce. The school of Social Justice has also provided enlightening and interesting modules and its faculty members are helpful and supportive in any issues or queries students may have."

Rory Wasylyk Student

CAO Code **DN700**

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 one of the below:

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

Other courses of interest

Law with Social Justice	→86
Social Policy & Sociology	→64

Why is this subject 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 sexual inequality; human rights and social justice; inequality in Irish society; childhood inequality; racism; social justice movements; political economy and social justice; Over the course of your four-year programme, 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 in your social justice modules, you will engage with four key themes: Social Justice Perspectives • Exploring Gender • Global Justice • Inequality and 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 a range of additional modules on key Social Justice issues. Students can apply to study abroad in Year 3 or undertake an internship.

Fourth Year

Fourth year provides the opportunity for you to enhance your research skills by engaging in a research-based group project. Students will also have an opportunity to build on their knowledge of Social Justice, and of key societal issues, choosing from a range of modules addressing issues such as labour market inequality; gender, war and violence; and childhood and global justice.

Assessment

A variety of assessment methods are used throughout the Social Justice programme, 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 programme, 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 semester or a year in third year. Destinations include the US, Australia, China, Canada.



www.ucd.ie/myucd/socsc



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"I would recommend studying Sociology in UCD to those students who are seeking a versatile degree, where the skills taught are applicable to a wide range of sectors. With opportunities to discover sociological theories that provide enlightening ways of thinking about the world around us, while also learning research skills, there are numerous career pathways open to the sociology graduate. What's more, the lecturers and staff have been invaluable to my learning, being friendly and supportive, and are always happy to chat with students. Overall, I am proud to be a student of Sociology at UCD."

Arnoldas Jursys Student



Why is this subject 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 also study the core module, Societal Challenges in the Twenty First Century, plus another subject, plus an Elective module.

Second Year

The second year involves training in Quantitative and Qualitative Research Methods and modules in areas such as Gender, Sociological Theory, Analytical Sociology, 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 select either an Advanced Quantitative or Advanced Qualitative Research Project module. 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-semester 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 in Sociology, MSc in Social Data Analytics, MSc in Comparative Social Change, MSc in Demographic and Population Dynamics and a 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.

Sociology

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386-625

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 191-199

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 one of the below:

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

Politics & International Relations

Studying Sociology

OR with one Minor subject:

Art History	German
English	Irish
Linguistics	Italian

OR

within a pathway:

Computational Social Science

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366 - 553

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 one of the following:

English	History
---------	---------

Other courses of interest

Social Policy & Sociology	→64
Science	→95
Computational Social Science	→58



The UCD Sutherland School of Law is the first purpose-built university law school in Ireland. Key features include the Clinical Legal Education Centre, Negotiating Suite and Ceremonial Moot Court.



UCD Sutherland School of Law provides a strong foundation for a career either in legal practice or in one of many other rewarding fields in Ireland or abroad. It offers you the choice of studying law alone or in combination with other subjects. 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.



Law

Law (BCL)	77	Law with Irish	83
Law with French Law	78	Law with Philosophy	84
BCL/Maîtrise – Law Dual Degree	79	Law with Politics	85
Law with Chinese	80	Law with Social Justice	86
Law with Economics	81	Business & Law	87
Law with History	82		

Why UCD Law?

- UCD Sutherland School of Law is ranked within the Top 50 Law Schools in the World*.
- UCD Sutherland School of Law offers world-class learning and teaching facilities in a state-of-the-art building. Features include the purpose-built 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, French Law, History, Philosophy, Politics, Social Justice, Chinese or Irish. If you choose the BCL programme, you may study a language (Chinese, French, Irish, Spanish) throughout your BCL 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 non-governmental organisation and/or conduct public interest research.
- You may have the opportunity if you wish 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 London School of Economics and Oxford.

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.
- 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 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 to students.
- You will be invited to attend recruitment presentations from leading Irish, UK and other firms, government bodies and non-governmental organisations which are held in the School of Law.
- Specialist careers support is provided by the School's Career Adviser to help you identify and achieve your career ambitions.

*Times Higher Education Subject Rankings 2019

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	DN600 BCL Law with History
DN600 BCL Law with Philosophy	DN600 BCL Law with Politics	DN600 BCL Law with Social Justice	DN600 BCL Law with Irish	DN610 Bachelor of Business & Law

All students are offered core law modules and programme specific subjects

CORE LAW MODULES

General Introduction to Legal Studies	Constitutional Law	Tort Law	Contract Law
General Introduction to Legal Skills*	European Union Law	Property Law**	Criminal Law

DN600 students also take programme specific modules as appropriate, for example in:

Law	History
Chinese	Philosophy
Economics	Politics
French Law	Social Justice
Irish	

Years
3 & 4

Further Specialisation and International Study

Bachelor Degree in Law [Honours]

Specialise through UCD graduate study

Professional Diplomas in

.....
Employment Law
.....
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

Solicitor (Ireland, England, NI and India)
.....
Barrister (Ireland, England, NI and India)
.....
In-house Counsel
.....
Avocat (France)
.....
Academia

BUSINESS

Corporate Banking
.....
Management
.....
Business Analyst
.....
Financial Services
.....
Data Protection Compliance

MEDIA & POLITICS

Broadcasting
.....
Press
.....
Political Advisory Roles
Diplomacy & Foreign Affairs
.....

PUBLIC POLICY

Public Service
.....
Research
.....
Non-Governmental Organisations
.....
Education

Continue to develop your professional career with UCD...

*Not offered in DN600 LCS

**Offered as optional module to DN610 in Year 3

“Choosing to study law in UCD has been one of the best decisions I have ever made. The vast variety of legal modules that are available means that there is something for everyone who wishes to study a specific area of Law. There is also a great choice of electives to choose from, for example, I chose Psychology as an elective in my first year. As well as this, there are numerous opportunities in UCD for you to discover yourself through different societies, sport clubs and initiatives. Finally, the option to study abroad in over 40 destinations truly gives you a global education. Whatever your area of interest, UCD caters for it. As a result of my experience, I am convinced that UCD is the place to grow and discover your potential.”

Grace Oladipo Student



Law

BCL (Hons) [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521–625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
• 06/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 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'll explore some foundational areas of law, including:

General Introduction to Legal Skills • Contract Law • Tort Law • Constitutional Law

You'll study modules in civil and criminal procedure.

In second year, you'll explore EU Law and core areas of Irish law, including: Property Law • Company Law • Criminal Law

You'll 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 a wide choice of Law modules, such as: International Human Rights • Environmental Law • Intellectual Property Law • Media Law • Family Law • Commercial Law • Employment 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-semester examinations, essays and group projects.

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 (NGOs)
- 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:

Antwerp • Barcelona • Berlin • California • Canberra • Connecticut • Exeter • Miami • Milan • Minnesota • Prague • Singapore • Stockholm • Toulouse • Uppsala • Utrecht • Vienna

NOTE

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

Other courses of interest

Business & Law	→87
Law with Social Justice	→86
Law with French Law	→78
Law with History	→82



Law with French Law

BCL (Hons) [NFQ Level 8]



“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 which allowed me to meet students from all different disciplines, as we competed together, winning national club championships, national intersites and competing for UCD at a European level.”

Sarah Patton Graduate

CAO Code **DN600**

CAO Points Range 2018 521–625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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.

Other courses of interest

Law →77

BCL/Maîtrise →79

Why is this course for me?

This degree is one of two French Law Programmes offered by Sutherland School of Law, the other being the BCL/Maîtrise on the opposite page. All students interested in the French Law Programmes 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?

Most 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 and an introduction to French Public Law and French Private Law, General Introduction to Legal Studies and General Introduction to Legal Skills.

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 & 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 one-day 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.



www.ucd.ie/myucd/law



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[@UCDLawSchool](https://twitter.com/UCDLawSchool)

"I have always wanted to keep an international dimension to my degree, and the BCL/ Maîtrise was definitely the right choice for that. Being immersed in another culture can only open your mind; and understanding two very different legal systems is crucial to develop your critical thinking and enhance your analytical skills. Whether the final aim is to practice in Ireland, France, or to have an international career, job opportunities following this course are numerous. Taking advantage of the opportunities given by UCD is essential during your degree, and actively participating in one of the many societies or sports club on offer cannot be recommended highly enough."

Adam Boutafenouchete Graduate



BCL/Maîtrise

Law Dual Degree –
BCL/Maîtrise [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521–625

Length of Course 4 Years

DN600 Places 125

*For general entry requirements,
see pages 191-199*

Leaving Cert Subject Entry Requirements

• 06/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

***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].

Students will need a minimum grade H3 in LC French (or equivalent) to take the BCL [Law with French Law] course.

Other courses of interest

Law	→77
Law with French Law	→78

Why is this course for me?

This degree is one of two French Law Programmes offered by Sutherland School of Law, the other being the BCL [Law with French Law] on the opposite page. All students interested in the French Law Programmes 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 Programmes 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?

Most French law modules studied at UCD are taught through French.

First Year

In first year, you study the BCL [Law with French Law] [see opposite 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 • Criminal Law. You will also advance your French language training and continue to study French Private Law and French Public Law.

Third & Fourth 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 which 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 Law, or in governmental or international institutions.



Law with Chinese

BCL (Hons) [NFQ Level 8]



"I chose to study this programme, in part because of its relevance in today's world, but also because it is thoroughly engaging. It provides an opportunity for students to develop a deeper and broader understanding of both the Irish legal system and Chinese culture, through studying a range of subjects from EU law and criminal law to the Chinese language and Doing Business in China. Lectures are extremely insightful and are taught by highly regarded individuals. In particular, the small Chinese classes allow students to interact closely with the teaching staff. As part of the course, students are given the chance to study in Beijing, allowing us to immerse ourselves in the capital of one of the biggest expanding markets of our generation."

Timothy Wu Murphy Student

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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'll gain comparative insights which 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 Irish legal System

This is combined with intensive Chinese language training and an introduction to Chinese culture and society. In second year, you'll continue to build your knowledge of the foundations of Irish law, covering:

- EU Law
- Property Law
- Criminal Law
- You'll also advance your Chinese language skills and deepen your knowledge of Chinese society

Third Year

You'll 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'll 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'll 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'll 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-semester 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.

Other courses of interest

Law	→77
Law with History	→82
Law with Politics	→85
Law with Philosophy	→84



www.ucd.ie/myucd/law



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"I chose Law with Economics as I wanted an excellent legal education with an additional understanding of businesses and people in the economy. I 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 White Graduate



Law with Economics

BCL (Hons) [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
• 06/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).

Other courses of interest

Law	→77
Business & Law	→87
Law with Social Justice	→86

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 regulation 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'll 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'll 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'll 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-semester 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 which include:

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



Law with History

BCL (Hons) [NFQ Level 8]



"I was considering a career in law but also had a passion for history, so Law with History was a natural choice for me. Thankfully the two subjects really complement one another because research and writing skills are fundamental to both.

Some of the highlights of my studies include my Erasmus exchange in Vienna and taking part in the US Court Externship where I worked for a judge in the Federal Court of California for the summer.

During my studies I developed a deep interest in international law, and will commence a Master of International Law at the University of Oxford in October 2019, while I'm currently completing an internship at the Organization for Security and Co-Operation of Europe in Bosnia and Herzegovina."

Charlotte Ashmore Graduate

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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'll study:
EU Law • Property Law • Criminal Law

You'll 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, and Law, Ethics & Legal Practice.

You'll 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-semester 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 which include:

Australia • Austria • Belgium • Canada • China • Czech Republic • France • Germany • India • 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.

Other courses of interest

Law	→77
Law with Social Justice	→86
Law with Politics	→85
Law with Philosophy	→84



www.ucd.ie/myucd/law



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“Cinneadh fiúntach ar gach aon slí ab ea é an cúrsa Dlí le Gaeilge a roghnú. Aimsíonn an cúrsa seo an chothromaíocht cheart idir an dá dhisciplín. Cuirtear ar mo chumas mo phaisean don Ghaeilge a chothú le linn dom céim a bhaint amach sa dlí. Tá an-rath orthu le chéile mar mheascán agus réitíonn an dá ghné den chúrsa sinn do réimse leathan deiseanna fostaíochta. Trí staidéar a dhéanamh ar Dhlí leGaeilge, táim tumtha i Scoil Dlí Sutherland agus i Scoil na Gaeilge araon. Tugann an cúrsa spreagadh dom oiread leasa agus is féidir a bhaint as mo chuid scileanna sa dá réimse agus tá an t-ualach oibre soláimhsithe agus comheagraithe.”

Kate Kilcommins Student



Law with Irish

BCL (Hons) [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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] is a new programme which started in 2017-18. It allows undergraduate law students to access a cohesive set of Irish language modules which are relevant to the study and practice of law. This programme 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 multimedia language laboratory [An Teanglann] and the advanced language skills training in Lárionad de Bhaldrathe.

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 semester in their third year. Whilst in 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 and research in 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 programme 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.



Law with Philosophy

BCL (Hons) [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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	→77
Law with Social Justice	→86
Law with History	→82
Law with Politics	→85



“The degree programme of Law with Philosophy has allowed me to gain a strong understanding of the law on many levels. The breadth of subjects available in UCD means that knowledge of any area of law is always at my fingertips. In addition, through my philosophy studies, I have gained the skills necessary to consider and challenge the ethical, political and human aspects of the law and of life. This degree programme 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

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're introduced to modern, moral and continental philosophy.

In second year, you'll take modules in:

EU Law • Property Law • Criminal Law

At the same time, you'll 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'll 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-semester 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 which include:

Australia • Austria • Belgium • Canada • China • Czech Republic • France • Germany • India • 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.



www.ucd.ie/myucd/law



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“Studying Law with Politics has equipped me with the knowledge and skills to critically analyse the legislative process and the legal system. Studying politics has particularly enhanced my perspective on constitutional law and jurisprudence, as well as my ability to understand legal developments in terms of their broader socio-political context. Throughout my degree, I have gained invaluable practical experience through the Legal Placement Module and as a member of the Law Review editorial board. There has also been ample opportunity to pursue non-academic interests – UCD’s thriving Irish language community has played a huge role in my university experience.”

Erin Ward Graduate

Pictured: Erin Ward with Mr Justice Michael MacGrath



Law with Politics

BCL (Hons) [NFQ Level 8]

CAO Code **DN600**

CAO Points Range 2018 521–625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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 Social Justice	→86
Law with History	→82
Law with Economics	→81
Law with Philosophy	→84

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’re introduced to political theory and Irish and international political systems.

In second year, you’ll study:

EU Law • Property Law • Criminal Law

You’ll 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’ll 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-semester 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 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 which include:

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



Law with Social Justice

BCL (Hons) [NFQ Level 8]



“Law with Social Justice is a very unique course. It equips you with a broad knowledge of the common law, as well as an awareness of the social and political context of our legal system. It’s incredibly interesting and the Sutherland law school is a brilliant community to be a part of. During my third year in UCD, I spent a semester in Belgium and when I came back, I decided to take the leap and run for UCD Students’ Union President. I felt passionate about the role and wanted to use my experience to work for students. And I won!”

Joanna Siewierska Graduate

CAO Code **DN600**

CAO Points Range 2018 521-625

Length of Course 4 Years

DN600 Places 125

For general entry requirements, see pages 191-199

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 programme, the first of its kind in Ireland, combines the study of law with rigorous analysis of social exclusion, its causes and remedies. It will appeal to students who are interested in issues of equality, diversity and disadvantage, and who want to look in-depth at the social context in which law operates. On completion, you’ll 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’ll study:

EU Law • Property Law • Criminal Law

At the same time, you’ll 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 • Social Justice and the City • Discrimination: Law and Society • Social Justice Movements • Investigating Inequality

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’ll 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-semester examinations, essays and group projects.

Career & Graduate Study Opportunities

This degree will provide an ideal platform for careers in:

National and international Non-Governmental Organisations as legal advisors or researchers • Public policy.

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 which include:

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

Other courses of interest

Law	→77
Law with History	→82
Law with Politics	→85
Law with Philosophy	→84



www.ucd.ie/myucd/law



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[@UCDLawSchool](https://twitter.com/UCDLawSchool)

“Choosing a course with such variety is something I do not regret. Years of studying both subjects has allowed me to explore fascinating cultural, economic, legal and political areas in an Irish context as well as globally. You learn to have an analytical mind along with creative prose. Since first year I have been a proud member of the Boat Club. Despite my commitment to rowing, I have enjoyed balancing it alongside my academic interests with no difficulty. The people you meet and experiences you have are the true memories you will cherish but it is of great value to leave with a degree in something you enjoy. For me that is Business and Law.”

Andrew Mays Graduate



Business & Law

BBL (Hons) [NFQ Level 8]

CAO Code **DN610**

CAO Points Range 2018 531-613

Length of Course 4 Years

DN610 Places 120

For general entry requirements, see pages 191-199

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

Other courses of interest

Law	→77
Law with Economics	→81
Commerce	→90

Why is this course for me?

The BBL degree combines law and business into 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 a 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'll study both business and law modules in equal measure and you'll 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:

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'll 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-semester 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 semester of third year on exchange in overseas universities including:

Sydney • Brisbane • Innsbruck • Louvain-la-Neuve • Rouen • Munich • Milan • Madrid • Pamplona • Tulsa

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).



At UCD Quinn School, you will be challenged and supported as you build strong foundations of business knowledge, develop your capabilities and learn the skills of inquiry that will empower you to have an impact on the world of business and beyond.



Welcome to the future at UCD Lochlann Quinn School of Business!

We live in a complex world at a time of extraordinary global challenges and opportunities.

At UCD Lochlann Quinn School of Business, we have made a strategic commitment to research, innovation and impact on business and society – and to transformational learning. We work to cultivate informed, connected, ethical global citizens - thinkers and doers. We are ambitious to recruit students who want to make a difference in the world, for the world.

Quinn is a place to expand your horizons, encounter diverse perspectives and experience new ways of thinking in a global classroom. It is a time where you can get to know yourself, learn to think, and build friendships and relationships that will support you throughout your life and career.

The UCD Moore Centre for Business is our exciting new wing with innovative workspaces and learning environments designed to offer the best student experience in Ireland. Areas are purpose-built to expand collaboration and interconnectivity between students, faculty and the business world.

At the heart of the UCD Moore Centre for Business is the idea of belonging, collaboration and side-by-side learning, both inside and outside the classroom. We have combined this vision with the insight that changing space changes how we learn. UCD Moore Centre for Business and the UCD Lochlann Quinn School of Business together provides an exceptional student-centred place to be.

We invite you to help us write the next chapter in our evolution and contribute to a new generation of exceptional business leadership.

Come join us!



Business

Commerce	90
Commerce International	92
Economics & Finance	93
Diploma/Bachelor of Business Studies	94
Business & Law	87
Actuarial & Financial Studies	128

Why UCD Business?

Experience - Ireland's most globally recognised business school.

We are the only Irish business school 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.

Innovation

At UCD, we continually invest in our programmes, spaces and the student experience, in tune with a changing business and social world.

Global Classroom and Travel

Our programmes 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

Within the Commerce and Economics and Finance Programme, you can apply for a professional internship. This offers a first-class business experience with top international or Irish companies. Our students have completed internships in companies such as Microsoft, CRH, Glanbia, KPMG, Accenture, Davy, Johnson & Johnson and Bank of Ireland.

Incredible Career Opportunities

Our curriculum is based upon research-guided business education. 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 outputs 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 whose attributes include communication, management, leadership and team-work skills, and 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.

Your first year experience can involve a lot more than study – you can also participate in extracurricular activities such as clubs and societies or volunteer in community projects. This is actively encouraged as it is seen as an important part of developing your skills, with the ultimate goal to help you build a successful business career.

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. You will receive tailored, one-to-one advice at our Business Academic Writing Centre and with our Entrepreneur-in-Residence.

Stay Connected

-  www.ucd.ie/quinn
-  www.youtube.com/UCDBusinessSchool
-  facebook.com/UCDQuinnSchool
-  [@QuinnSchoolUCD](https://twitter.com/QuinnSchoolUCD)
-  [@ucdquinschool](https://www.instagram.com/ucdquinschool)

Bachelor of Commerce

BComm [Hons] [NFQ Level 8]

CAO Code **DN650**

CAO Points Range 2018 498–625

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

DN650 Places 220

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 06/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

See www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

Commerce International	→ 92
Economics & Finance	→ 93
Business & Law	→ 87



"I chose to study Commerce for numerous reasons. The course offered a broad range of exciting opportunities, one of which was the ability to spend a month studying at a Summer School in Norway! Also, the incomparable facilities of the Quinn School, such as the collaboration room, has enabled me to participate in dynamic teamwork, where, by focusing on applying the knowledge, we learned to solve real world business problems. What I really value about Commerce is the ability to go on an internship placement which gives me a deeper insight into future careers and will allow me to put my skills in to practice!"

Mary Ishabiyi Graduate

Why is this course for me?

The 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** programme for the modern business world.

You'll learn to become an independent and critical thinker and a cogent and compelling communicator; able to work seamlessly in groups; to develop the technical and mathematical skills to analyse and make sense of business data and intelligence.

You'll 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 business disciplines. This will give you a solid understanding of the foundations of business. You will explore subjects through different assessments and project methods, including: case studies, presentations and business simulations, as well as having the opportunity to take part in an Alumni Mentoring Programme.

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 subjects 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 • Economics • Organisational Behaviour • Management Theory • Maths & Statistics • Information & Communications Technology • Real-life Business Simulations

Second Year

Financial and Management Accounting • Marketing • Business Analytics • Global Business • Management Information Systems • Economics • Finance • Global Operations and Supply Chain Management

Final Year

Alongside core business subjects, you can choose modules across a range of business disciplines including Accountancy • HRM • Management • Marketing • Management Information Systems and Finance

International Study Opportunities

In second year, you have the opportunity to study abroad for a semester in one of our partner universities in Australia, Canada, Europe, Hong Kong, New Zealand and Singapore.

Internship programme

Our optional one-year 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, supported by the Business and Society and **new** Enterprise Internship Scholarships, supported by the School of Business. 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 & Graduate Study Opportunities

Possible career paths include:

- Accountancy [e.g. professional training in industry, management accountants]
- Banking and finance [e.g. investment banker, stockbroker, venture capitalist]
- Human Resources Management [e.g. HR manager, ergonomist, 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]

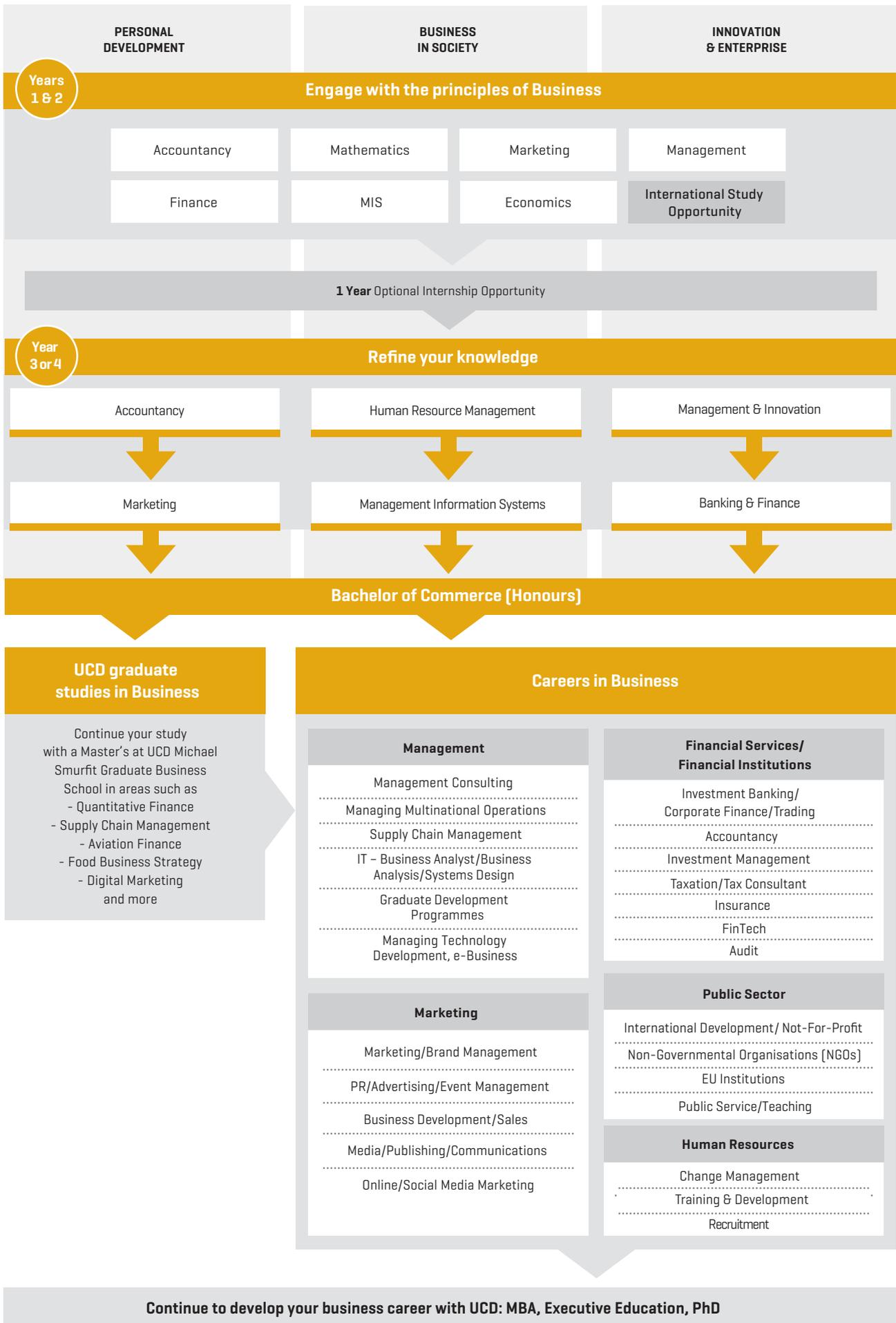


www.ucd.ie/myucd/bus

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Studying the UCD BComm



Bachelor of Commerce International

BComm (Hons)(International)
[NFQ Level 8]

CAO Code **DN660**

CAO Points Range 2018 509–601

Length of Course 4 Years

DN660 Places 102

For general entry requirements,
see pages 191-199

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 LC 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.

Studying Commerce International
select a combination of two languages:

	FRENCH	GERMAN	ITALIAN	SPANISH	CHINESE
FRENCH	-	✓	✓	✓	✓
GERMAN	✓	-	✓	✓	✓
ITALIAN	✓	✓	-	✓	✓
SPANISH	✓	✓	✓	-	✓
CHINESE	✓	✓	✓	✓	-

Other courses of interest

Economics & Finance → 93
Bachelor of Commerce → 90



“The BComm International programme was a great experience from start to finish. My year abroad in Cologne, Germany was an amazing experience, where my proficiency of German vastly improved and I was exposed to a new cultural environment, making friends for life along the way. During my time at UCD I co-founded a showjumping advisory app, which gave me the wonderful opportunity of competing and succeeding in Ireland’s Best Young Entrepreneur 2018 competition.

I believe the combination of studying business with a language, along with the cultural exposure this programme offers, is something that stands out to employers and helped gain my current graduate position with Accenture.”

Brian Kenny Graduate

Why is this course for me?

The BComm International (BCIT) combines a flexible business education from Ireland’s leading business school with the linguistic skills and a 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 semester students choose one of the two options to pursue as their language minor for the remainder of the programme. 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 programme, 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 programme, and 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 subjects through the chosen language for the year, while the Chinese minor involves one semester studying Chinese language and a second semester studying business through English.

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, MIS or HRM) or study a mix of business subjects.

Students attend lectures, tutorials and seminars, and undertake group and individual presentations, project work and independent study. Projects include case studies, business simulations, presentations and web development.

Career & Graduate Study Opportunities

BComm International graduates find employment in the private, public and not-for-profit or NGO sectors, or set up their own companies. Many different career paths are available, and students who can combine an international language with a business qualification are highly employable graduates for multinational companies. In addition, the focus on multicultural competencies gives BCIT graduates a unique competitive advantage in the global marketplace.

www.ucd.ie/myucd/bus

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"I chose the Economics and Finance programme because of my flair for Maths and Accounting in the Leaving Cert along with the broad career paths offered by this programme. I know I made the right decision. I appreciate the close-knit atmosphere in Economics and Finance in which all voices are listened to and being surrounded by like-minded students adds a sense of community amongst us. Taking a semester exchange at the University of Toronto was the highlight of my time in UCD thus far, as I got to take specialised classes giving me an insight in to economics on a global scale, as well as making new friends and travelling to new places."

Katelyn O'Hara Graduate



Economics & Finance

BSc (Hons) [NFQ Level 8]

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 Ireland and internationally in these areas, it equips students with outstanding expertise in quantitative methods, analytical skills and a rigorous preparation in economics and finance. The competence in quantitative methods and analytical skills that the programme develops are valuable on their own in many careers and provide the essential background for learning Economics & Finance.

What will I study?

First Year - Develop Your Knowledge

During the first year of this programme, 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 programme. Subjects: Macroeconomics • Introduction to Finance • Business in Society • Business Analytics • Financial Accounting • Math Modelling • Linear Algebra • Advanced Calculus • Statistical Modelling • Analysis

Year 2 & Final Year - Apply This Knowledge

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 final year, depending on your area of interest you can specialise in the subject 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.

Subjects: Taxation • Probability Theory • Economics, Macro 1 & Micro 1 • Financial Institution Management • Optimisation in Finance • Irish Economy • Advanced Corporate Finance • Analysis • Financial Mathematics

International Study Opportunities

During your second year, we encourage you to pursue an international study experience for one semester at one of our exchange partner universities in Australia, Canada or Singapore.

Internship Programme

Our optional one-year Internship Programme places successful students with leading companies nationally and internationally. Students may also have the opportunity to work with a voluntary/not-for-profit organisation or start-up enterprise supported by a scholarship from the School of Business. 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 & Graduate Study Opportunities

This highly regarded degree offers graduates exceptional prospects in banking and financial services. Future employment or study options may include:

Analytics or risk analysis • Stock brokering • Fund management • Investment banking • Insurance • Corporate finance • Economics

CAO Code **DN670**

CAO Points Range 2018 589-625

Length of Course 3 Years
[4 Years with optional internship]

DN670 Places 50

For general entry requirements, see pages 191-199

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

Other courses of interest

Actuarial & Financial Studies	→128
Mathematics	→118
Economics	→59



Diploma/ Bachelor of Business Studies

[NFQ Level 7/NFQ Level 8]



“The UCD Quinn School of Business BBS degree programme has provided me with the knowledge and skills required to transition into more senior management roles within my organisation. The programme provided the most salient theories and frameworks all excellently grounded in academic and practical foundations. The structure and support provided by the UCD Quinn School of Business is second to none, and ideally suited to busy part-time students who want to embed a globally recognised qualification into their skillset that is truly multifunctional, irrespective of industry context. If you are considering a part-time degree course, look no further.”

Ian Reams Graduate

CAO Code **NON-CAO**

Length of Course

2 Years (DBS) + 2 Years (BBS)

Entry Requirements

Eligibility for the programme 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.

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 programmes 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 Organisations and Work • People Management • Accounting • Business Law • Economics • ICT • Marketing

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 • Change Management • HRM • Project Management • Entrepreneurship • Accounting Information for Managers • Financial Management • International Business

You will also have the opportunity to undertake a major project in a self-selected area of business management which allows you to develop industry specific knowledge in your selected field.

Student Support

We recognise the needs of our mature students who are returning to learning, so a learning support officer is assigned to you during your studies. The Learning Support Officer is your first point of contact and they can advise you on any academic or administrative queries you may have.

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.



www.ucd.ie/myucd/bus



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Science

BSc (Hons) DN200

Computer Science

BSc (Hons) DN201

Actuarial & Financial Studies

BAFS (Hons) DN230

Biological, Biomedical & Biomolecular Sciences

Biochemistry & Molecular Biology	99
Cell & Molecular Biology	100
Environmental Biology	101
Genetics	102
Microbiology	103
Neuroscience	104
Pharmacology	105
Physiology	106
Plant Biology	107
Zoology	108
Biology, Mathematics & Education	109

Chemistry & Chemical Sciences

Chemistry	110
Chemistry with Biophysical Chemistry	111
Chemistry with Environmental & Sustainable Chemistry	112
Medicinal Chemistry & Chemical Biology	113
Chemistry, Mathematics & Education	114

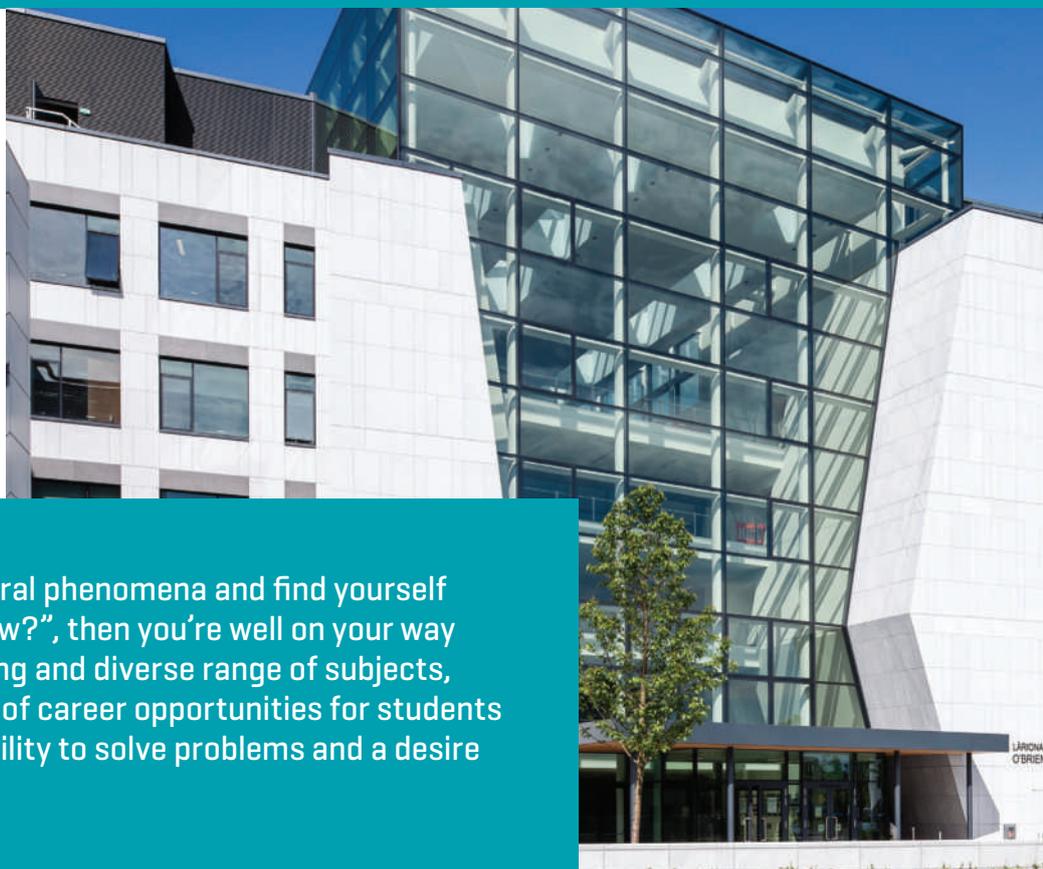
Mathematical, Physical & Geological Sciences

Applied & Computational Mathematics	115
Financial Mathematics	116
Physics	117
Mathematics	118
Statistics	120
Physics with Astronomy & Space Science	122
Theoretical Physics	123
Geology	124
Applied Mathematics, Mathematics & Education	125
Computer Science, Mathematics & Education	126
Physics, Mathematics & Education	127

Direct Entry Courses

Actuarial & Financial Studies	128
Computer Science	129
Computer Science with Data Science	130

Why UCD Science?



If you have a fascination with natural phenomena and find yourself constantly asking “why?” and “how?”, then you’re 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.

THE LARGEST SCIENCE COMMUNITY IN IRELAND

2,000

Undergraduates

1,500

Master’s & PhD Students

1,000

Researchers

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.

DN200 Science

- The first year of the Common Entry **DN200 Science** course is designed to enable you to sample a number of subjects in your chosen area. The UCD Science DN200 course offers 27 subjects categorised into the following streams:
 - Biological, Biomedical & Biomolecular Sciences
 - Chemistry & Chemical Sciences
 - Mathematical, Physical and Geological Sciences
 - No Preference

Is DN200 Science 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.]

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 you to try out other subjects that you may not be familiar with or to deepen your interest in the areas that you wish to pursue 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.





Tours of the UCD O'Brien Centre for Science can be arranged for individuals or groups by contacting gary.dunne@ucd.ie.

DN201 Computer Science

- 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.

DN230 Bachelor of Actuarial & Financial Studies

- 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/t4cms/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.

Can I visit the UCD Science facilities?

- Join us at the UCD Science, Actuarial & Financial Studies and Computer Science Open Evening on Tuesday 22 October 2019. We will have a series of events throughout the year and we recommend creating an account at www.myucd.ie to get an alert when bookings for all our events open.
- Tours of the UCD O'Brien Centre for Science can be arranged for individuals or groups by contacting gary.dunne@ucd.ie.

KEY FACT

The DN200 Science course is very flexible and enables you to make an informed decision about which subject to major in.

Studying UCD Science DN200

Years
1 & 2

Engage with the principles

Biological, Biomedical & Biomolecular Sciences

Chemistry & Chemical Sciences

Mathematical, Physical & Geological Sciences

Explore All Options

In first and second year, you can select modules from all the subjects below to explore a range of subjects or focus on your preferred subject area.



Pathway models for each subject including Actuarial & Financial Studies, Computer Science and Computer Science with Data Science are available at www.ucd.ie/t4cms/ucdscience.pdf.

Years
3 & 4

Follow your pathway

Biological, Biomedical & Biomolecular Sciences

Chemistry & Chemical Sciences

Mathematical, Physical & Geological Sciences

Biochemistry & Molecular Biology

Cell & Molecular Biology

Chemistry

Applied & Computational Mathematics

Financial Mathematics

Environmental Biology

Genetics

Chemistry with Biophysical Chemistry

Mathematics

Microbiology

Neuroscience

Chemistry with Environmental & Sustainable Chemistry

Physics

Statistics

Pharmacology

Physiology

Theoretical Physics

Physics with Astronomy & Space Science

Plant Biology

Zoology

Medicinal Chemistry & Chemical Biology

Applied Mathematics, Mathematics & Education*

Geology

Biology, Mathematics & Education*

Chemistry, Mathematics & Education*

Computer Science, Mathematics & Education*

Physics, Mathematics & Education*

BSc (Honours)

Taught & Research Master's 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/Complementary Courses

*MSc Mathematics & Science Education [Teaching]
 Professional Master of Education [Teaching]
 Graduate Veterinary Medicine
 Graduate Medicine
 Master of Business Administration
 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 is at the core of all the biological sciences and provides an excellent foundation for a career in the field of biomolecular and biomedical sciences. During the course of the degree, I have 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. After I finish my degree, I intend on completing a PhD and pursuing a career in research, with the aim of improving our understanding of diseases at the molecular level. During my time in UCD I have been a peer mentor, a member of the UCD Symphony orchestra and various other clubs and societies. The highlight so far has been the semester I spent studying abroad in McGill University, Montreal.”

Alison Howett Student



Biochemistry & Molecular Biology

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→100
Neuroscience	→104
Pharmacology	→105
Physiology	→106

Why is this course for me?

In this degree, you'll explore life at the molecular level. This will enable you to pursue a career in biomedical and biomolecular science. The combination of Biochemistry and Molecular Biology into one degree programme unites the molecular approach of Chemistry with the breadth and diversity of Biology. Both use varied and powerful experimental techniques to examine living organisms, their component parts and molecules that play a role in the function of the cell. Biochemistry and Molecular Biology 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).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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.



Cell & Molecular Biology

BSc (Hons) [NFQ Level 8]



“Cell & Molecular Biology draws on modules and content from organismal biology [Zoology, Plant Biology, Microbiology] and molecular disciplines [Biochemistry & Molecular Biology and Genetics] resulting in a wide range of module choices that allow students to tailor their degree. The capstone of the degree is a five-month research project where we gain hands-on experience of research. I developed a deep interest in the study of rare human diseases, and I am now a postdoctoral research scientist in the UCD Centre for Arthritis Research. My work focuses on identifying the genetic and biological cause of a rare paediatric auto-inflammatory condition that has been identified in a number of Irish families. The Cell & Molecular Biology degree provided a brilliant platform to set me up for my future career.”

Niamh Morgan Graduate

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191–199

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	→100
Neuroscience	→104
Agricultural Science	→160
Medicine	→138

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).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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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"I chose DN200 Science because I could try a whole range of Science subjects before I had to make a final choice. I decided on Environmental Biology as my degree as it provided a range of module options. For example, I had modules that incorporate Ecology, Botany, Microbiology and Zoology. The course was largely practical based, with most modules containing lab sessions and field trips, one of which takes place in Spain and gave me a chance to carry out field work on my own project. After I graduate, I would like to do some further study and hopefully work in conservation biology."

Niamh Quirke Student



Environmental Biology

BSc [Hons] [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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

Zoology	→108
Plant Biology	→107
Cell & Molecular Biology	→100
Agri-Environmental Sciences	→169

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 and Spain, 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 which is self-selected to suit students' interests)

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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



Genetics

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→105
Biochemistry & Molecular Biology	→99
Cell & Molecular Biology	→100
Microbiology	→103



“One of the things I loved about the DN200 Science course is the huge amount of flexibility. The course structure meant that I got to experience each degree subject early on, allowing me to make informed decisions on my area of interest as the course progressed. Genetics is a field at the forefront of modern biological research, looking at everything from the inheritance of traits, to the genetic basis of disease, to unravelling the evolutionary history of modern organisms. A BSc in Genetics opens a huge number of doors across the Science sector and a variety of business areas. I am now completing a PhD at the European Molecular Biological Laboratory in Germany using Structural Genetics to study the effect of ageing on human blood stem cells.”

Karen Grimes Graduate

Why is this course for me?

If you're 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'll 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].

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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



Dr Niamh O'Sullivan
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“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



Microbiology

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→99
Genetics	→102
Pharmacology	→105

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).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 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.



Neuroscience

BSc (Hons) [NFQ Level 8]



“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 Student

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→105
Physiology	→106

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).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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'll 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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"I'm from Boston, Massachusetts, USA and fell in love with UCD following a visit to Ireland. 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. I focused my second year on Pharmacology, Neuroscience, Microbiology and Physiology. 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. Student life in UCD has been so welcoming that Dublin ended up feeling like home. I now work with leading global clinical research organisation, IQVIA, as a Pharmacovigilance Operations Specialist in Dublin."

Courtney Greene Graduate



Pharmacology

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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

Neuroscience	→104
Physiology	→106

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).

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 Copenhagen, Denmark



Physiology

BSc (Hons) [NFQ Level 8]



"Having come into UCD with no other certainty but loving biology, DN200 Science really was a great option. I am now in my final year of Physiology and am so glad I chose this subject for my degree. I believe the level of academic teaching is outstanding and I love learning how various systems of the body works, including the heart, lungs and kidneys. My final year project is based on the inflammatory responses of spinal cord injury. UCD has opened a whirlwind of opportunities for me. I am a Student Ambassador and Student Leader, I have acted as a Peer Mentor, been on student society committees and have spent two summers volunteering in Tanzania with UCDVO. I'm really glad I chose UCD and couldn't imagine myself anywhere else!"

Celine Camon Student

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 02/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- 06/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	→105
Biomedical, Health & Life Sciences	→141

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)

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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.



www.ucd.ie/myucd/physiology



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“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 Student



Plant Biology

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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)

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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.

“I am an environmental consultant dealing with spatial planning and environmental policy research. My Plant Biology training has been invaluable, providing me with a solid understanding of a range of environmental issues.”

Eoghan Daly, Environmental Consultant



Zoology

BSc (Hons) [NFQ Level 8]



“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[s?] that will lead you home.”

Sanni Hintikka Graduate

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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

Agri-Environmental Sciences	→169
Animal Science	→164
Environmental Biology	→101
Genetics	→102

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].

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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

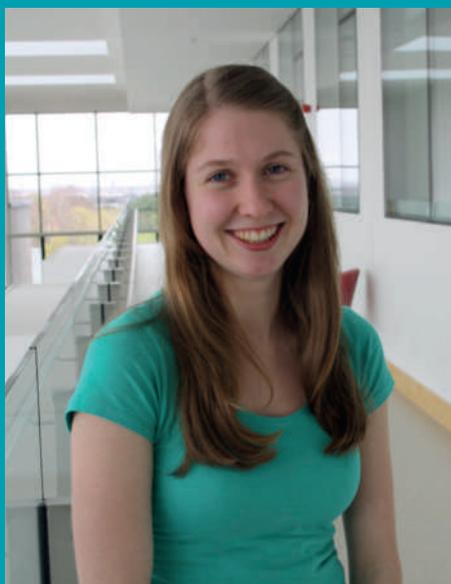


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"I have always had an interest in Mathematics and a curiosity for the world around us. The DN200 Science course, therefore, really appealed to me as it allowed me to explore a diverse range of modules in first and second year before deciding on a degree path. I chose to specialise in Biology, Mathematics & Education as I am passionate about teaching and love the idea of studying science and education in an integrated manner. I also enjoy getting involved around campus and have made some amazing friends through volunteering with the Science Society and the Maths Sparks programme. In fact, the wide range of opportunities, amazing facilities and level of engagement and support from the academic staff make coming to UCD the best decision I ever made."

Emily Lewanowski-Breen Student



Biology, Mathematics & Education

BSc [Hons] [NFQ Level 8]
& MSc [NFQ Level 9]

CAO Code **DN200**

CAO Points Range 2018 510-625

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

DN200 Places 402

For general entry requirements,
see pages 191-199

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

Applied Mathematics, Mathematics & Education	→115
Chemistry, Mathematics & Education	→114
Computer Science, Mathematics & Education	→126
Physics, Mathematics & Education	→127

Why is this course for me?

If you're 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's designed so that from the start, you study biology and mathematics, along with education, in an integrated manner. In third year, you'll 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

Third Year

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

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 FACTS

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.



Chemistry

BSc (Hons) [NFQ Level 8]



“Biology was the only Science subject I had studied for the Leaving Cert but I entered into the MPG stream with the hopes of studying Mathematics and doing some field classes in Geology. I took other modules in Chemistry and Biology to keep my options open. However, as soon as I had my first Chemistry lecture, I knew it was for me. The lecturers were excellent, funny and passionate. By my second year I was hooked. I’ve had a great opportunity to be a part of several clubs and societies. During my degree, I was captain of the UCD Mountaineering Club. We organised several trips around Ireland and the UK as well as hosting the Irish Climbing Intervarsities. I’ve also had the fantastic opportunity to be a peer mentor and a Science Student Leader.”

Andrew Keating Graduate

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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

Medicinal Chemistry & Chemical Biology →113

Chemistry with Environmental & Sustainable Chemistry →112

Chemistry with Biophysical Chemistry →111

Why is this course for me?

All materials and living things consist of atoms and molecules that are linked together in many different ways. Chemistry is a study of these, 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]

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 biological aspects of nanoscience, novel material synthesis, energy generation 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



www.ucd.ie/myucd/chemistry



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"I had studied Chemistry and Biology in school, so when I first started college, I knew that I liked Science but wasn't sure what I'd like to major in. I loved Chemistry and ended up choosing Chemistry with Biophysical Chemistry as it was a new degree that I felt might give me some additional skills. In the summer after third year, I did a summer internship in Dr Vitaly Buckin's lab in UCD, which I found really interesting as well as very helpful in preparing me for the final year research project. This, as well as my thesis research in my final year, led me to realise that I'd like to pursue further research in a PhD."

Rian Lynch Graduate



Chemistry with Biophysical Chemistry

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→110
Chemistry with Environmental & Sustainable Chemistry	→112
Medicinal Chemistry & Chemical Biology	→113

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 • Chemical Biology & Medicinal Chemistry • Electives (includes Erasmus opportunities)

Fourth Year

Biophysical Chemistry (Research project) • Biophysical Chemistry • Chemistry • Nanotechnology

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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

Career & Graduate Study Opportunities

The interdisciplinary aspect of this degree and the acquired combination of theoretical and practical skills provide broad opportunities for employment in the area of advanced chemical and biomolecular technologies, including:

- Complex biomolecular formulations
- Bio-nanotechnology
- Forensic science
- 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.



Chemistry with Environmental & Sustainable Chemistry

BSc (Hons) [NFQ Level 8]



"I believe a knowledge in Chemistry with Environmental & Sustainable Chemistry 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. Following graduation, I plan to continue my study of Environmental Chemistry and eventually, I would like to work within an industrial laboratory to implement the principles of green chemistry."

Eimear Madden Student

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 02/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- 06/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

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 may apply to study abroad for a semester or year in third year. Potential universities include:

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

Other courses of interest

Chemistry	→110
Medicinal Chemistry & Chemical Biology	→113
Chemistry with Biophysical Chemistry	→111



www.ucd.ie/myucd/environmentalandsustainablechemistry



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"I chose Medicinal Chemistry & Chemical Biology due to my interest in human health, diseases and drug design. I also enjoyed spending time in the practical labs learning skills and techniques and understanding how they are used on a larger scale in drug production. After I graduate, I hope to work in the pharmaceutical industry in the area of validation or quality control. Becoming involved with the UCD Gospel choir was a way to meet other students who share a passion for the Gospel and for singing. I completed a placement with Kerry Group in my second year. This was a highly beneficial opportunity, where I worked alongside their analysts to carry out qualitative and quantitative food analysis. This provided me the chance to explore other career paths available to me through a degree in chemistry."

Shekemi Denuga Student



Medicinal Chemistry & Chemical Biology

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 02/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- 06/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 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]

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 biopharmaceuticals
- 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.



Chemistry, Mathematics & Education

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

CAO Code **DN200**

CAO Points Range 2018 510–625

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

DN200 Places 402

For general entry requirements,
see pages 191–199

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.

Other courses of interest

Applied Mathematics, Mathematics & Education	→125
Biology, Mathematics & Education	→109
Computer Science, Mathematics & Education	→126
Physics, Mathematics & Education	→127



“Science and Mathematics were always my favourite subjects in school and I knew I would study something Science related at third level. Having always wanted to be a teacher, I realised that the Science, Maths and Education pathway was for me. I am quite lucky as I get to study my two favourite subjects, Chemistry and Mathematics, in depth. I am currently undertaking a placement in Third Year. It is an eight week observation/teaching placement that runs alongside my lectures and labs. It is extremely beneficial as I can see the theories and educational practices I have been learning over the last two years put into practice. It is an opportunity to prepare myself for the year-long placement in my final year.”

Conor Eivers Student

Why is this course for me?

If you're 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'll 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 module

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

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 FACTS

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/
chemmathed](http://www.ucd.ie/myucd/chemmathed)



Associate Professor Maria Meehan
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“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 graduate, I hope to continue studying Applied Mathematics at graduate level.”

Aidan Tully Student



Applied & Computational Mathematics

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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 & Computational Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

Other courses of interest

Computer Science →129
Theoretical Physics →123

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 and 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 • Elective modules

Fourth Year

Applied & Computational Mathematics

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

Assessment varies with each module but may comprise continuous assessment, written exams, and practical computer programming tasks.

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 semester in third year in partner institutions internationally.



Financial Mathematics

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191–199

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.

Other courses of interest

Statistics	→ 120
Actuarial & Financial Studies	→ 128
Mathematics	→ 118



“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 I graduate, I’ll be going back to work at that same firm full time.”

Joseph Mulligan Student

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 science, fundamentals of actuarial and financial mathematics, advanced corporate finance, stochastic analysis 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 Computational Finance, Stochastic models, Corporate Finance] • Elective modules

Fourth Year

Financial Mathematics [modules include Financial and Actuarial Mathematics, Stochastic Analysis, Risk Management]

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 the financial sector
- 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 Quantitative Finance, or an MSc in Statistics.

International Study Opportunities

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



www.ucd.ie/myucd/financialmathematics

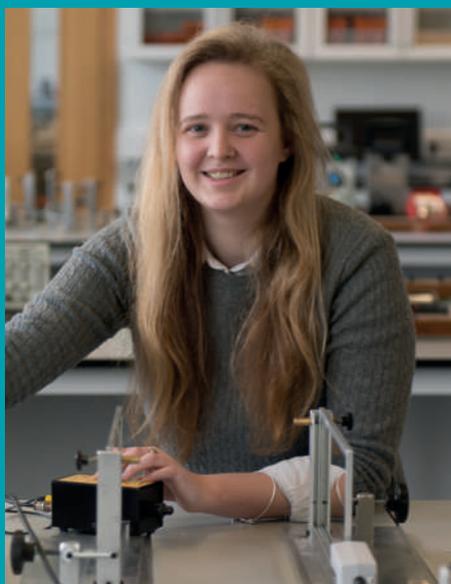


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“I fell in love with Physics after discovering how much I appreciated being able to see what we learned in the classroom work first-hand in the lab. After Second Year I completed my first research internship with the UCD School of Physics. I worked 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 will be travelling to the University of Notre Dame this summer to undertake another internship studying radioactive materials’ impact on the environment.”

Eimear Conroy Student



Physics

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 02/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- 06/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

Theoretical Physics	→123
Physics with Astronomy & Space Science	→122

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.

X-rays, radioactivity and particle beams have led to advances in medicine. The invention of lasers and solid-state transistors by physicists paved the way for computers, DVD players and iPods. 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.

What will I study?

This is a sample pathway for a degree in Physics. Topics include fields, waves and light, quantum mechanics, astrophysics, thermal physics, optics and lasers, atomic and nuclear physics, particle physics, condensed matter physics and medical physics.

First Year

Physics • Mathematics • Optional Science modules • Elective module

Second Year

Physics • + 1 other Science subject • Elective modules

Third Year

Physics • Elective modules

Fourth Year

Physics (includes a project)

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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

Career & Graduate Study Opportunities

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 semester 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



Mathematics

through Science

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements,
see pages 191–199

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.

Other courses of interest

Actuarial and Financial Studies	→ 128
Computer Science	→ 129
Theoretical Physics	→ 123



“In secondary, school I loved maths. However, University-level maths has a reputation for being unthinkable 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

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. Topics include linear algebra and geometry, differential and integral calculus, graphs and networks, theory of games, groups, rings and fields, metric spaces, differential geometry and functional analysis.

First Year

Mathematics • Statistics • Applied and Computational Mathematics • Optional Science modules • Elective module

Second Year

Mathematics • + 1 other Science subject • Elective modules

Third Year

Mathematics • Elective modules

Fourth Year

Mathematics [include an optional research project]

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 semester in third year in partner institutions internationally.



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. After my first year 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



Why is this subject 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 • Plus other subject • Elective module

Second Year

Topics in Mathematics include: Multivariable Calculus • Analysis • Algebraic Structures • Linear Algebra 2 • Statistics & Probability • Graphs and Networks • The Mathematics of Google • Theory of Games • Plus other subject • Elective modules

Third Year

Complex Analysis • Geometry • Group Theory and Applications • History of Mathematics • Financial Mathematics • Differential Equations • Plus 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 • Plus other subject • Elective Module

Second Year

Algebraic Structures • Multivariable Calculus • Analysis • Linear Algebra 2 • Plus other subject • Elective modules

Third & Fourth Year

Mathematics topics include:

Complex Analysis • Group Theory & Applications • Geometry • Graphs and 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-semester 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.

Mathematics

through Arts & Humanities/ Social Sciences

BA [Hons] [NFQ Level 8] - DN520

BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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. Without this grade, you must complete an introductory Level 0 UCD Mathematics module in Year 1.

Studying Mathematics

as a Joint Major with one of the below:

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

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386 - 625

Length of course 4 Years

DN700 Places 500

Leaving Cert Subject Entry Requirements

06/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 one of the below:

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

Other courses of interest

Economics →59
Economics, Mathematics & Statistics →60

Statistics

through Science

BSc (Hons) [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191–199

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 → 116

Actuarial & Financial Studies → 128



“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 Student

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 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

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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’ll 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 semester in third year in partner institutions internationally.



www.ucd.ie/myucd/statistics



Dr Isabella Gollini
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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 programme helped me develop a greater appreciation for the different parts of statistics which led me to also enrol into the MSc in Statistics in UCD after I completed my undergraduate degree."

Cathal Ryan Graduate



Why is this subject 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 which 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 Theory • Inferential Statistics • Predictive Analytics • Bayesian Statistics • Plus other subject • Elective modules

Third Year

Time Series Analysis • Statistical Machine Learning • Monte Carlo Inference • Advanced Predictive Analytics • Multivariate Analysis • Actuarial Statistics I • Plus 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 • Plus other subject • Elective module

Second Year

Probability Theory • Predictive Analytics • Inferential Statistics • Bayesian Statistics • Elective modules

Third & Fourth Year

Time Series Analysis • Bayesian Analysis • Data Programming • Statistical Machine Learning • Monte Carlo Inference • Advanced Predictive Analytics • Multivariate Analysis • Actuarial Statistics I • Research Portfolio • Internship Opportunity • Study Abroad Opportunity • Plus other subject • Elective modules

Assessment

Assessment will be through a combination of end-of-semester 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 which 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.

Statistics

through Arts & Humanities/ Social Sciences

BA [Hons] [NFQ Level 8] - DN520

BSc [Hons] [NFQ Level 8] - DN700

CAO Code **DN520** BA Joint Honours

CAO Points Range 2018 366-553

Length of Course 3 Years

DN520 Places 420

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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. If you do not achieve this grade or higher, you must complete an introductory Level 0 UCD mathematics module in Year 1.

Studying Statistics

as a Joint Major with one of the below:

Art History	Irish
Drama	Linguistics
English	Mathematics
French	Spanish
German	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2018 386 - 625

Length of course 4 Years

DN700 Places 500

Leaving Cert Subject Entry Requirements

06/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 one of the below:

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

Other courses of interest

Economics, Statistics & Mathematics →60
Computational Social Science →58



Physics with Astronomy & Space Science

BSc (Hons) [NFQ Level 8]



“The flexibility of DN200 meant that I could focus entirely on the subject that I wanted - Physics. The experience that comes out on top in my degree is the final-year field trip to Teide Observatory in Tenerife. The experience of proposing a complex project to study a binary star system and then learning how to use a world-class telescope to conduct this research was really rewarding. Presenting my results and writing it up in a thesis was a proud moment - 4 years of hard work had led to that point and I had learned so much. I'm currently an Irish Research Council funded PhD student in the UCD Space Science Group specialising in Gamma-Ray Bursts and Gravitational Waves. I am also part of the EIRSAT-1 team, which is currently designing, building, and preparing to launch Ireland's first satellite.”

Lána Salmon Graduate

CAO Code DN200

CAO Points Range 2018 510-625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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	→117
Theoretical Physics	→123

Why is this course for me?

The space sector is enjoying exceptional growth, with increasing demand for suitably qualified graduates. Satellites play a key role in navigation, communication and space exploration. This course is primarily a Physics degree that also provides an introduction to the applications of Physics in Astrophysics and Space Science. Students gain an understanding of how ground-based and space-based technologies are used to explore the universe. Astronomers pursue knowledge and understanding of the underlying processes at work in the universe through physics. The core of the degree is therefore an Institute of Physics accredited honours BSc qualification.

What will I study?

Students gain hands-on experience using professional astronomical telescopes, including UCD's 'Watcher' robotic telescope in South Africa. Space instrumentation and data analysis, including programming, form part of the laboratory training.

This is a sample pathway for a degree in Physics with Astronomy & Space Science:

First Year

Physics • Mathematics • Astronomy & Space Science • Optional Science modules • Elective module

Second Year

Physics • + 1 other Science subject • Elective modules

Third Year

Physics with Astronomy & Space Science 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 • Elective modules.

Fourth Year

Physics with Astronomy & Space Science Students either participate in a week-long field-trip where they undertake astronomical observations at Tenerife's Teide Observatory.

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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

Career & Graduate Study Opportunities

The space sector demands a highly skilled workforce. There are opportunities for graduates to work with major space agencies, such as ESA and NASA, or with space companies. Since the Physics with Astronomy & Space Science degree is an accredited Physics degree, graduates are also qualified to go into 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 semester 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/physicswithastronomyandspace-science



Professor Lorraine Hanlon & Associate Professor John Quinn UCD School of Physics Science Centre (North), Belfield, Dublin 4

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“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. Recently, 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 Student



Theoretical Physics

BSc [Hons] [NFQ Level 8]

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191–199

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 →115
Physics →117

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, econophysics, 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 and Electrodynamics, Applied & Computational Mathematics and Mathematics] • Elective modules

Fourth Year

Theoretical Physics [including General Relativity, Quantum Field Theory, Statistical and Particle Physics, Applied & Computational Mathematics, Theoretical Physics project].

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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 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 semester 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



Geology

BSc (Hons) [NFQ Level 8]



“In Geology, field work is an essential component which is so different to a classroom learning environment. Most recently I’ve had the opportunity to travel to Almeria in Spain to study geological evolution of mountain belts. On a field trip you’re out immersed in the Geology of the area for the full day and then return in the evening to your accommodation for a well-deserved feed and a summary of what you’ve studied that day. With a degree in Geology you learn so much about how wonderfully dynamic the planet we live on is. After I graduate I want to pursue a career involving the reconstruction of ancient environments. I’m currently considering undertaking further study in the mechanisms behind past climate change and catastrophic events.”

Grace Fitzgerald Student

CAO Code **DN200**

CAO Points Range 2018 510–625

Length of Course 4 Years

DN200 Places 402

For general entry requirements, see pages 191-199

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

BSc Social Sciences – DN700

Two Subject Combination

Studying Archaeology **OR** Studying Geography

With one Minor subject

Geology

Other courses of interest

Archaeology, Geography & History →61

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.

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

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.

All Science courses are full time, with many student timetables running from 9.00am to 5.00pm or later. Depending on the subject choices, a weekly timetable can include lectures, practicals and tutorials.

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

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.

Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad. Graduate programmes include the UCD MSc in Subsurface Characterisation and Geomodelling, and programmes offered by several UK universities include MSc in Hydrogeology, MSc in Engineering Geology, and MSc in Oceanography.

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 the following themes are available: Geology and Society; Landforms, Sediments and Life; Field Skills; Geochemistry and Analytical Techniques; Earth Materials. 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



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"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 studying Mathematics modules across UCD and answering their questions."

Lucy Nyland Student



Applied Mathematics, Mathematics & Education

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

CAO Code **DN200**

CAO Points Range 2018 510-625

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

DN200 Places 402

For general entry requirements, see pages 191-199

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	→109
Chemistry, Mathematics & Education	→114
Computer Science, Mathematics & Education	→126
Physics, Mathematics & Education	→127

Why is this course for me?

If you're interested in mathematics and applied 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

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 FACTS

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.



Computer Science, Mathematics & Education

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

CAO Code **DN200**

CAO Points Range 2018 510–625

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

DN200 Places 402

For general entry requirements, see pages 191–199

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

Applied Mathematics, Mathematics & Education	→125
Biology, Mathematics & Education	→109
Chemistry, Mathematics & Education	→114
Physics, Mathematics & Education	→127



“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’re 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 • Computer Science • Education • School placement – one placement in a post-primary school and one placement as a third-level tutor

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 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 awaiting accreditation by the Teaching Council of Ireland.

KEY FACTS

The five-year course is awaiting accreditation 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.

“The Science DN200 course was a perfect option for me as it allowed me to study all the sciences in first year, before concentrating on my chosen pathway of Physics, Maths & Education. I am completing my MSc in Mathematics and Science Education and will qualify as a post-primary teacher this summer. Such is the flexibility of this course, however, that many other options are still available to me in both Maths and Physics. UCD offers many opportunities for students to get involved. I have been a member of UCD GAA club since first year and play with the Men’s Gaelic Football Team. It is a good way of getting a break from time spent studying.”

Jim Rossiter Student



Physics, Mathematics & Education

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

CAO Code **DN200**

CAO Points Range 2018 510–625

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

DN200 Places 402

For general entry requirements,
see pages 191–199

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.

Other courses of interest

Applied Mathematics, Mathematics & Education	→125
Biology, Mathematics & Education	→109
Chemistry, Mathematics & Education	→114
Computer Science, Mathematics & Education	→126

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’ll 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

Fourth Year

Education • School placement • Physics & 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 FACTS

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.



Actuarial & Financial Studies

BAFS [Hons] [NFQ Level 8]



“Mathematics was always my passion. I enjoyed Accounting in school and especially Financial Mathematics. This led me to Actuarial & Financial Studies. The class size is around 50 people, which helps students get more attention from the lecturers in class. The Mathematics is of course challenging but when you truly understand a concept and can solve problems, it is a very rewarding experience. The material in lectures and tutorials really help us understand the work of actuaries. Lecturers use real-life examples and current events. I am currently in third year, where we have our 6-month internship. I’m working in a re-insurance company learning about actuarial modelling and coding. It is enjoyable and helpful so far and I look forward to learning more throughout the internship.”

Vivian Ho Student

CAO Code **DN230**

CAO Points Range 2018 565–625

Length of Course 4 Years

DN230 Places 47

For general entry requirements, see pages 191-199

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

Other courses of interest

Commerce	→90
Economics & Finance	→93
Financial Mathematics	→116
Economics, Mathematics & Statistics	→60

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, the UCD BAFS [Hons] degree could be for you. An actuary is a professional who uses numbers to make judgements about the future, compared to an accountant who is a professional who typically uses numbers to make judgements about the past. 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, the UK or the 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 questionnaires and continuous assessment activities.

Career & Graduate Study Opportunities

Most BAFS graduates take positions as actuarial trainees in the following:

- Life insurance
- Pensions
- Health insurance
- General insurance
- Investment

The Institute and Faculty of Actuaries, which accredits this course, is currently in the process of updating its syllabus. Once these details are finalised they will be available on our web page at <https://www.myucd.ie/courses/science/actuarial-financial-studies/>

Some graduates also work in banking or finance as business or financial analysts. As a graduate of the BAFS degree, you’re also eligible to pursue graduate study in statistics, computer science, economics, mathematics, management science, finance and other specialist business subjects.



www.ucd.ie/myucd/actuarialandfinancialstudies



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“It took me a while to realise I wanted to study Computer Science. In school I was very interested in Maths and problem solving and for a while, a Maths degree topped my CAO. 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. I completed a Summer Internship after third year with Deloitte in their Technology Consulting department. For my Fourth Year project, I chose to develop a web application called Helping Hand. It connects people with others in their locality to get help with small favours such as asking for a drop of milk. When I graduate, I plan to return to Deloitte in a full-time position.”

Clíodhna Connolly Student



Computer Science

BSc (Hons) [NFQ Level 8]

CAO Code **DN201**

CAO Points Range 2018 477-613

Length of Course 4 Years

DN201 Places 105

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 06/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

Other courses of interest

Commerce →90

Applied & Computational Mathematics →115

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're 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, mobile application development, networks and Internet systems. Students learn programming languages such as Java and Ruby; software development tools and methodologies such as Git and Scrum; web technologies such as JavaScript; and Big Data programming techniques. Students will use both Windows and Linux/Unix operating systems.

First Year

Computer Science • Mathematics • Elective module

Second Year

Computer Science • Mathematics • Elective modules

Third Year

Computer Science • Industry internship or software engineering project • Elective modules

Fourth Year

Computer Science • Computer Science project

The Computer Science course is full time and includes a mixture of lectures, tutorials and practical assignments.

Assessment for each module will vary and may comprise a written exam, individual homework assignments, group projects and continuous assessment.

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're 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

Computer Science with Data Science

BSc (Hons) [NFQ Level 8]

CAO Code **DN201**

CAO Points Range 2018 477–613

Length of Course 4 Years

DN201 Places 105

For general entry requirements, see pages 191–199

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

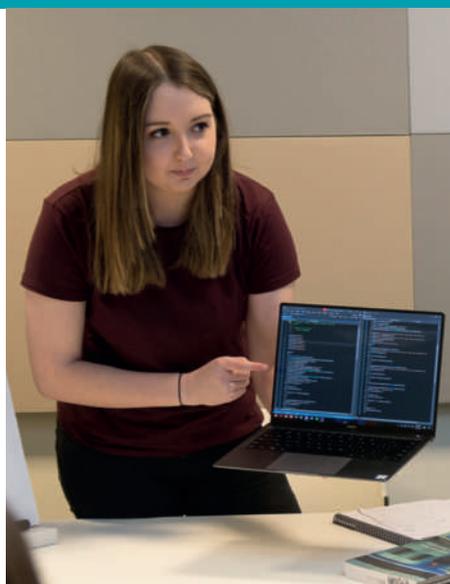
Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

Actuarial and Financial Studies	→128
Computer Science	→129
Theoretical Physics	→123



“A degree in Computer Science is as close to a universal degree as you’ll get. You can choose to apply your technical expertise in virtually any industry: science, fashion, sport, social media, finance, nutrition, health, business, etc. The recent introduction of Computer Science with Data Science only strengthens the range of career opportunities for students. I completed two software engineering internships with Intel during the summers of first and second year, as well as a five-month data science Internship worth 15 credits in third year. Learning to apply your skills and having the chance to work in teams with highly talented engineers is an incredibly challenging yet rewarding experience. When I graduate, I aspire to work in a data analysis or technical product management role.”

Lily Burke Student

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 • Elective modules • 5 Month Internship or Research Project

Fourth Year

Computer Science • Data Science (includes a research project)

The Computer Science course is full time and includes a mixture of lectures, tutorials and practical assignments. 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 Startups

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/



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Nursing & Midwifery

Nursing [General]	133
Nursing [Children's & General]	134
Nursing [Mental Health]	135
Midwifery	136

Do you love working with and for the benefit of people of all ages and from diverse backgrounds?

If you want a rewarding and respected career with great employment and travel opportunities, then nursing or midwifery could be for you. These are dynamic professions, offering enormous variety and challenges, and you never stop learning.

At UCD, you will also have a unique opportunity to engage in hands-on clinical practice in health care services in the community and with our partner hospitals, including St Vincent's Healthcare Group (incorporating St Michael's Hospital), the Mater Misericordiae University Hospital, the National Maternity Hospital, Children's Health Ireland at Crumlin and Saint John of God Hospital, Community Health Care East, and also in a variety of other *IEHG clinical sites during the programme to meet the requirements of the professional body.

On successful completion of the programme, students will receive their UCD degree and be eligible for registration with the professional body, the Nursing and Midwifery Board of Ireland (NMBI).

*Ireland East Hospitals Group (IEHG)

- Mater Misericordiae University Hospital
- St Vincent's University Hospital
- Regional Hospital Mullingar
- St Luke's General Hospital, Kilkenny
- Wexford General Hospital
- National Maternity Hospital

Why UCD Nursing & Midwifery?

Developments in healthcare are transforming the roles of nurses and midwives, leading to new and exciting career opportunities. The UCD School of Nursing, Midwifery & Health Systems has developed innovative programmes to prepare our graduates to respond to these changes and to meet evolving patient-care needs in areas such as cancer care, palliative care, diabetes and emergency or critical care.

Our state-of-the-art facilities include top-class clinical skills laboratories with interactive video equipment, and you'll be guided by academics who are experts in their field. You will also gain vital clinical experience at our renowned clinical partner sites.

By choosing to study with us, you become part of a greater community of people working together, through practice, research and education, to shape the future of nursing and midwifery in Ireland and abroad.

- Our Lady's Hospital, Navan
- St Columcille's Hospital
- St Michael's Hospital, Dun Laoghaire
- Cappagh National Orthopaedic Hospital
- Royal Victoria Eye and Ear Hospital

Your First Year Experience

As a first year UCD student nurse or midwife, you will receive all the support you need to enjoy your first taste of college life. You will be assigned a personal tutor, a member of academic staff, who will give advice and support throughout your course. You will learn from experienced and helpful lecturers and support staff, develop your learning skills and discover how to make full use of information and computer technology. You will meet new friends, join in the many sports clubs and societies, and quickly adapt to college life.

You will learn how to become a professional. This will involve putting on a uniform and walking into a clinical area or maternity unit as a professional person, giving your first injection, recording a person's blood pressure, changing a wound dressing, helping a person in pain or distress, helping a woman in labour and, above all, feeling proud of yourself at the end of the year for having achieved so much.

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

Clinical Practice — Hospital Placement Including 36-Week Internship

BSc Nursing/Midwifery (Honours)

Higher Diploma

Children's Nursing
.....
Midwifery
.....
Mental Health

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

Specialise through UCD graduate study

Taught Graduate Programmes

Professional Certificate
.....
Graduate Certificates
.....
Graduate Diplomas
.....
MSc [Nursing]
.....
MSc [Midwifery]

Research Degrees

MSc [Research]
.....
Doctor of Nursing [DN]
.....
Doctor of Midwifery [DM]
.....
Doctor of Philosophy [PhD]

Continue to develop your professional career with UCD...

"I really can't emphasise enough how great it is to divide your time between a clinical and academic learning environment. You really do have the best of both worlds in UCD. The lecturers and my personal tutor were excellent."

Neasa Corkery Graduate



Nursing (General)

BSc (Hons) [NFQ Level 8]

CAO Code **DN450**

CAO Points Range 2018 402-577

Length of Course 4 Years

Places 167

For general entry requirements, see pages 191-199

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 which 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 193

Other courses of interest

Nursing [Mental Health]	→135
Nursing [Children's & General]	→134
Medicine	→138

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 programme 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 • Biopsychosocial Approaches to Health • Ethical and legal context for practice • Specialist clinical placements, such as intensive care and maternity care

Fourth Year

Teaching & Learning • Management & Quality Improvement • Evidence-Based Practice in Healthcare • Clinical placement/internship

Assessment is through a combination of end-of-semester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Clinical Experience

Clinical Placements, which form a significant part of the programme 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'll 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 semester.

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.



Nursing (Children's & General)

BSc (Hons) [NFQ Level 8]

CAO Code **DN451**

CAO Points Range 2018 475–566

Length of Course 4.5 Years

Places 42

For general entry requirements,
see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 which 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 193

Other courses of interest

Nursing (General) →133

Nursing (Mental Health) →135

Medicine →138



“Of all the major decisions I made post leaving cert, coming to UCD was definitely one of the best! The university is truly a university of many opportunities, that moulds and shapes you into the graduate you become! The course is divided equally between academic time in UCD and clinical placement. You really do have the best of both worlds with this course, enjoying the campus experience while gaining essential practical skills. The support and guidance we receive from the excellent lecturers is also a great plus and makes the journey much smoother. I’m now faced with an abundance of opportunity on graduation, both in Ireland and abroad. The world really is my oyster. Taking on the course is a big commitment, but one I would thoroughly recommend.”

Yewande Ogunnaike Graduate

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 and Adults with Medical-
Surgical Problems • Pharmacology •
Applied Social Science • Specialist clinical
placements include maternity care and
caring for people with an intellectual
disability

Fourth Year

Health and well-being – a sociological
context for nursing • Management & Quality
Improvement • Evidence-based Practice
in Healthcare • Clinical placement/internship
Assessment is through a combination of
end-of-semester 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 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 semester
between stages 2 and 4.

See [www.nmhs.ucd.ie/study-with-us/
erasmus](http://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.**



www.ucd.ie/myucd/nursing



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“Mental health was the only aspect of nursing I had any interest in. Now in my 4th year, I can safely say I made the right choice. The academic knowledge and clinical experience gained during the 4 years is incredible. UCD creates the right balance, providing as much assistance as possible to ensure success. I couldn't have picked a better college for my degree.”

Emmanuel Efemuai Student



Nursing (Mental Health)

BSc (Hons) [NFQ Level 8]

CAO Code **DN453**

CAO Points Range 2018 387-489

Length of Course 4 Years

Places 26

For general entry requirements, see pages 191-199

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 which 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 193

Other courses of interest

Nursing [General]	→ 133
Nursing [Children's & General]	→ 134
Midwifery	→ 136
Medicine	→ 138

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 Assistant Professor-Lecturers and Registered Psychiatric Nurses who practise predominantly within either Saint John of God Hospital and Cluain Mhuire Services OR within Community Health Care East.

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.

First Year

Scholarship of Enquiry • Foundations of Mental Health Nursing • Scientific Principles • Psychology & Communication • Nursing practice experience in mental health services for 10 weeks

Second & Third Year

Health Promotion • Ageing and Health • Pharmacology and Specialist Clinical Placements such as Forensic Psychiatry • Substance Misuse • Dual Diagnosis: Mental Health and Intellectual Disability • Child and Adolescent Psychiatry • Including a module in General Nursing

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-semester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Clinical Experience

Clinical placements help you to apply theory to practice and to develop the required competencies for your degree and profession.

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 semester. 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.



Midwifery

BSc (Hons) [NFQ Level 8]



"I am a mature fourth year student studying a BSc in Midwifery. It has been a hugely positive life-changing experience. The course is divided equally between academic time in UCD and clinical placement in the National Maternity Hospital. The support and guidance we receive from our personal tutors and lecturers are greatly beneficial. Taking on the course is a big commitment but I would thoroughly recommend the course to anyone considering it."

Deirdre Kane Student

CAO Code **DN452**

CAO Points Range 2018 454-530

Length of Course 4 Years

Places 21

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 which 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 193

Other courses of interest

Nursing (General)	→133
Nursing (Children's & General)	→134
Nursing (Mental Health)	→135
Medicine	→138

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're 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'll also focus on professional issues. Modules include:

First Year

Scholarship of Enquiry • Foundations of Midwifery Practice • Anatomy, Sciences & Physiology • Psychology related to the profession of midwifery • Practice experience in a hospital setting for 10 weeks

Second & Third Year

Midwifery Practice during Normal Pregnancy & Childbirth • Complications in Pregnancy & Childbirth • Caring for Sick Neonatal Babies

Fourth Year

Research, Leadership & Management • Developing Further Knowledge & Clinical Skills for Midwifery Practice • Clinical placement/internship

Assessment is through a combination of end-of-semester exams and continuous assessment, including assessment of performance on clinical placements.

Professional Clinical Experience

Clinical Placements, which form a significant part of the programme 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, Midland 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 programme 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.

Medicine

Medicine	138
Medicine (Graduate Entry)	140
Biomedical, Health & Life Sciences	141

From your first day in the dissection lab to the start of your clinical training, student life at UCD School of Medicine is a stimulating, diverse and vibrant experience. When you choose Medicine at UCD, you choose early patient contact, a world-class curriculum and an unrivalled calendar of social and extracurricular activities.

Why UCD Medicine?

As a UCD medical student, you will experience a modern, internationally recognised curriculum that introduces patient contact and clinical skills at an early stage. Our modular programmes combine lectures and seminars from leading academics and practitioners, patient-led learning and clinically based real-world education at Ireland's leading network of acute and specialist teaching hospitals.

You will have opportunities to benefit from a range of integrated international study options, which could take you all over the world, and to immerse yourself in the science of medicine through our acclaimed undergraduate student research programme.

All of our programmes are delivered at Ireland's most diverse, student-friendly university.

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.

Your first year is also an opportunity to explore the diversity of university life. Not only can you design your own degree with electives from across UCD, but you will enjoy a student experience that includes over 70 student societies, 55 sports clubs and a state-of-the-art student sports centre.

Medicine

MB, BCh, BAO (Hons) [NFQ Level 8]



“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, Student

CAO Code DN400

CAO Points Range 2018 543–625

HPAT Score Range 2018 167–226

Combined Range 2018 731–791

Length of Course 6 Years¹

Places 90

¹ Applicants who accept 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.

For general entry requirements see pages 191–199

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/registry/admissions/DN400_HPAT.html

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 which 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 193

Other courses of interest

Biomedical, Health & Life Sciences	→141
Radiography	→143
Physiotherapy	→148
Science	→95

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’ll 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.

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 and attachments in hospitals • Clinical Diagnosis & Therapeutics • General Practice and 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 programme combines lectures, seminars, patient educator sessions, simulations, small group tutorials and clinical bedside learning. For a full course outline, visit www.myucd.ie/courses/medicine.

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 programme is an 8-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 complete one year as an intern, 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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Studying UCD Medicine

Year 1

Engage with the principles

SCIENTIFIC PRINCIPLES OF HUMAN HEALTH

Physical Sciences

Genetics

Social & Ethical Concepts

Cellular & Human Biology

Year 2

Refine your knowledge

UNDERSTANDING HEALTHY ORGAN SYSTEMS

Anatomy

Histology

Biochemistry

Physiology

CLINICAL CONCEPTS

Health Informatics/Basic Clinical Skills/Public Health

Years 3 & 4

Apply your knowledge

UNDERSTANDING HUMAN DISEASE

Anatomy & Physiology

Pathology

Clinical Pharmacology

Microbiology

CLINICAL & PROFESSIONAL CONCEPTS

Clinical Skills
Diagnosis &
Therapeutics

Disability Studies
Professionalism
Ethics

ENT &
Ophthalmology/
Therapeutics

Years 5 & 6

Prepare for professional practice

HOSPITAL & COMMUNITY BASED ADVANCED CLINICAL PRACTICE

Medicine

Surgery

Paediatrics

Psychiatry

Legal Medicine

International
study abroad
option

Professional
Completion
including
Subinternship

Obstetrics &
Gynaecology

General
Practice

Public Health
Medicine

MB, BCh, BAO (Honours)

Specialise through
UCD graduate study

Master's (Research) & PhD

Translational Research MD, PhD, MSc, MCh :

Vascular Disease & Diabetes

Infection & Inflammation

Biological Imaging

Doctor

Shape your career
with UCD Medicine

HOSPITAL CONSULTANT:

Medicine, Surgery, Paediatrics, Obstetrics,
Psychiatry, Radiology, Anaesthesia

GENERAL PRACTITIONER

PUBLIC HEALTH DOCTOR

CLINICAL RESEARCH

Internship in the
UCD Intern Training
Programme

Continue to develop your professional career with UCD...

Graduate
Entry to
Medicine
(GEM)
Two years

Medicine (Graduate Entry)

MB, BCh, BAO (Hons) [NFQ Level 8]

CAO Code **DN401**

GAMSAT Score Range 2018 58–77

Length of Course 4 Years

Places 77

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 programme, 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 which 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 193

Other courses of interest

Veterinary Medicine (Graduate Entry) →156

Diagnostic Radiography (Graduate Entry) →144



"I completed a BSc in Neuroscience. As I wanted to work clinically, 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 1. 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

In the first semester, you'll take a series of modules that introduce the application of medical science to the study of biological systems and disease. You'll 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'll participate in a series of specialist rotations, including medicine, surgery, psychiatry, obstetrics and paediatrics. Finally, you'll 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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[@UCDMedicine](https://www.instagram.com/UCDMedicine)

“Biomedical Health and 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 2018 566-613

Length of Course 4 Years

Places 40

For general entry requirements, see pages 191-199

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 193

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 programme 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'll 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 and 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-semester 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.

Other courses of interest

Medicine	→138
Physiotherapy	→148
Science	→95
Veterinary Medicine	→155



Radiography

Radiography	143
Diagnostic Radiography (Graduate Entry)	144

Do you care about helping others with your skills and knowledge?

Radiography is a caring profession that also calls for considerable technological expertise. It has come a long way since its birth in 1895, when X-rays were discovered. Today it is central to modern healthcare systems and involves working with rapidly evolving technologies – with patient diagnosis, treatment and care at its core. Radiography also offers graduates exceptional employment opportunities and exciting pathways for progression and further study.

Why UCD Radiography?

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 programmes are delivered in a state-of-the-art, interdisciplinary environment, by expert staff from within the School and throughout our nationwide clinical training network. You will become an integral part of the department team, working alongside radiography colleagues and other health professionals to learn and refine your professional skills.

From early in your first year, you will have access to modern imaging and clinical education facilities in UCD's Health Sciences Centre. You will develop knowledge of all aspects of medical imaging and image evaluation, and learn how to care for patients, how to perform examinations and how to provide high levels of radiation protection. Such knowledge and skills will ensure that you have acquired complete professional competence upon graduation.

The BSc (Hons) Radiography programme is currently the only diagnostic radiography programme recognised by CORU, the Irish Health and Social Care Professionals Regulatory Body, as an approved programme.

Your First Year Experience

As a first year Radiography student, you will be introduced to the concepts of radiation science and technology, human anatomy and radiographic techniques. You will experience interdisciplinary teaching and share some modules with Medicine, Physiotherapy and Biomedical, Health & Life Sciences students. You will also have your first patient contact in one of our many affiliated teaching hospitals, gaining hands-on experience of using diagnostic imaging equipment. By the end of the year, you will have a grasp of many basic radiographic techniques and a clear indication of what lies ahead in the programme. These are your first steps on the road to becoming a healthcare professional and an expert in your field.

First year also provides you with the opportunity to experience everything university life has to offer.

“Studying Radiography has led to some of my most interesting and memorable life experiences, and has opened many windows of opportunity. Practical labs, whether anatomy or technique driven, engrain the extensive knowledge you gain in lectures, while clinical placement in various university hospitals provides you with unrivalled professional experience to prepare you for your future career. Opportunity to study abroad will widen many horizons for you and rotation through MRI and CT modalities to name but a few, demonstrates all the exciting possibilities studying this degree makes available to you. It truly is a deeply rewarding pursuit that is rapidly evolving and will place you in the forefront of modern medicine advances.”

Ciara Maguire Student



Radiography

BSc (Hons) [NFQ Level 8]

CAO Code **DN410**

CAO Points Range 2018 500-613

Length of Course 4 Years

Places 99

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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 193

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's also one that requires considerable technological and scientific expertise in both the production of images and the responsible delivery of ionising radiation. If you're 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?

Throughout this programme you'll undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy • Practice of Radiography • Introduction to Radiographic Technology • Clinical Placement • Clinical Applications of Radiation • Elective modules

Second Year

Anatomy • Physiology • Practice of Radiography • Imaging Technology • Image Interpretation • Elective modules • Clinical Placement

Third Year

Advanced Practice of Radiography • Computed Tomography • Ultrasound • Introduction to Research • Mechanisms of Disease • Paediatrics • Elective modules • Clinical Placement

Fourth Year

Professional Completion • Legal Medicine • Magnetic Resonance Imaging • Nuclear Medicine • Research • Systematic Pathology • Erasmus opportunities • Clinical placement

Learning methods include lectures, small group tutorials, interactive demonstrations 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'll work alongside radiography colleagues to learn and refine your professional skills.

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 programme.



Diagnostic Radiography (Graduate Entry)

BSc (Hons) [NFQ Level 8]

CAO Code **DN411**

Length of Course 2.5 Years

Places 30

Entry Requirements

See www.ucd.ie/registry/admissions/GradRadiog.html

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 193

Other courses of interest

Physiotherapy →148
Science →95

Why is this course for me?

This accelerated Radiography training programme has been developed to allow graduates from a wide variety of academic backgrounds to study with us. The content of the accelerated radiography programme supports a robust learning of basic sciences and incorporates a wide range of radiography training, which 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 programme you'll undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy • Physiology • Practice of Radiography • Introduction to Radiographic Technology • Radiology IT systems • Clinical Placement • Clinical Applications of Radiation • 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



"Growing demands on diagnostic imaging services has substantially increased the demand of radiographers. Such is the demand for radiographers that most students on our four-year direct entry radiography programme have secured employment before their graduation. The accelerated, graduate entry programme has been introduced to address the anticipated workforce needs of the Irish health system. UCD Radiography and Diagnostic Imaging also offers an extensive suite of postgraduate programmes which provide graduate radiographers with further specialist education and training. This programme will prepare graduates for their future professional careers and will be delivered by our team of experienced radiography educators"

Dr. Jonathan McNulty, Associate Dean for Graduate Taught Studies and Graduate Entry Radiography Programme Director

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'll 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.

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

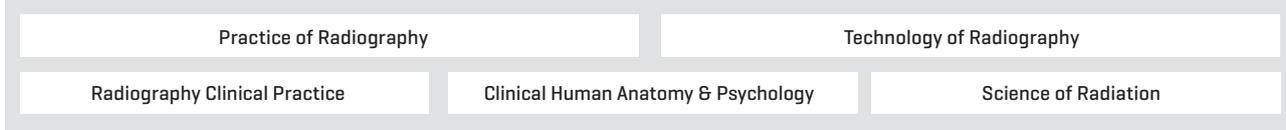


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Studying UCD Radiography

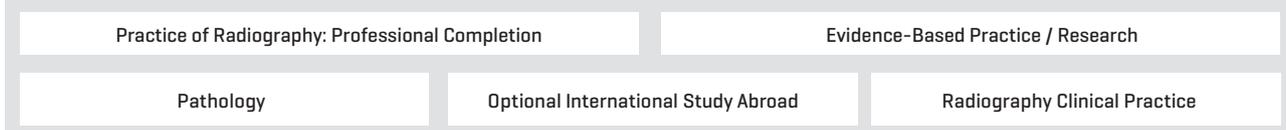
Engage with the principles



Refine your knowledge



Prepare for professional practice



BSc (Honours) Radiography or BSc (Honours) Diagnostic Radiography

Specialise through UCD graduate study

Taught Graduate Programmes

Professional Certificates

- Forensic Radiography
- IV Cannulation/Administration
- Radiation Safety
- Non-Accidental Injury
- Intra-Orbital Foreign Body Screening
- Dual Energy X-Ray Absorptiometry
- Paediatric Imaging
- Child Protection

Graduate Certificates

- Fertility Ultrasound
- Interventional Radiography
- Mammography
- Obstetric Ultrasound
- Paediatric Radiography
- RIS/PACS Management

Graduate Diplomas

- Computed Tomography
- Magnetic Resonance Imaging
- Medical Imaging

Master's (Taught & Research) & PhD

Themes include

- Child Welfare & Protection
- Computed Tomography
- Magnetic Resonance Imaging
- Mammography
- Medical Imaging
- Radionuclide/PET Imaging
- Ultrasound

Radiographer

State Registration: CORU Radiographers Registration Board

CORU Continuing Professional Development (CPD) requirements require evidenced activity and a broad range of appropriate CPD is advised for all radiographers on a continuing basis.

Shape your career with UCD Radiography & Diagnostic Imaging

Career Opportunities

- Clinical Specialist Radiographer
- Radiography Services Manager
- Clinical Practice Tutor
- Lecturer
- Researcher
- Applications Specialist

Continue to develop your professional career with UCD...

Physiotherapy

As a qualified UCD physiotherapist, you will be in a position to pursue one of the most rewarding careers. You will provide services to people to develop, maintain and restore their maximum physical health and movement, and ultimately improve their quality of life.

Why UCD Physiotherapy?

The full-time UCD BSc Physiotherapy degree programme is fully accredited by the Irish Society of Chartered Physiotherapists. As a student of Physiotherapy at UCD, you will benefit from the modern and progressive facilities at the School itself, as well as the UCD Institute for Sport and Health. The Institute includes two state-of-the-art research laboratories where you can comprehensively study the physiological and biomechanical analysis of human performance in health and sport.

In our fully equipped clinical skills laboratories, you will also benefit from clinical teaching in small groups, where you will acquire skills under the tuition of highly qualified staff. In addition to campus-based learning, you will gain practical hands-on experience through clinical placements in UCD teaching hospitals and other clinical centres throughout Ireland. There are opportunities to study abroad for a semester, as part of an Erasmus exchange programme, and to undertake clinical placements in Europe, Africa and Asia.

The BSc Physiotherapy Programme is recognised by CORU, the Health and Social Care Professionals Regulatory Body, as an approved programme.

Your First Year Experience

Your first year in Physiotherapy will cover a broad spectrum of basic, applied and clinical sciences. These modules will provide you with the core knowledge you require for your degree course. You can also choose elective modules, which give you the freedom and flexibility to explore other areas that interest you.

During first year, the teaching takes place mainly in the UCD Health Sciences Centre. While lectures take place in large groups, all hands-on practical physiotherapy classes are in small groups in the specially designed clinical skills laboratories. Towards the end of the year, you will have the opportunity to spend time in a clinical setting, where you can put theory into practice.

This is also the ideal time to join some of UCD's many clubs and societies, and experience everything that university life has to offer.

Studying UCD Physiotherapy

Year 1

Engage with the principles

Anatomy & Kinesiology	Physics & Biomechanics
Physiology	Chemistry/Biochemistry
Basic Physiotherapy Professional Practice	Exercise

Years 2 & 3

Refine your knowledge

Neurology	Exercise	
Musculoskeletal	Psychology/Sociology	
Cardiorespiratory	Research	
Applied Physical Agents	Biomechanics	Clinical Skills
Intermediate Physiotherapy Professional Practice		

Year 4

Professional practice

Clinical Specialities & Pain	Pharmacology	Sports Exercise Physiotherapy
Optional International Professional Practice Abroad		Legal Medicine
Advanced Physiotherapy Professional Practice		Research Project

BSc Physiotherapy [Honours]

Specialise through UCD graduate study

Taught Clinical Specialist Programmes

MSc/Graduate Diploma in Sports Physiotherapy
 MSc/Graduate Diploma/Certificate in Advanced Physiotherapy Studies

Research

MSc
 PhD

Eligibility for registration as a Chartered Physiotherapist

Shape your career with UCD Physiotherapy

Career Opportunities

Public Health Service
 Private Practice & Hospitals
 Sport & Leisure
 Industry
 Health Promotion
 Education & Research
 Non-Governmental Agencies

Continue to develop your professional career with UCD...

Physiotherapy

BSc (Hons) [NFQ Level 8]



"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

CAO Code **DN420**

CAO Points Range 2018 545-613

Length of Course 4 Years

Places 56

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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.ucd.ie/registry/admissions/GradPhysio.html

Health Screening & Garda Vetting
See page 193

Other courses of interest

Health & Performance Science	→150
Medicine	→138
Biomedical, Health & Life Sciences	→141
Nursing (General)	→133

Why is this course for me?

This course leads to one of the most rewarding careers in healthcare: Chartered 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'll 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 is accredited by the Irish Society of Chartered Physiotherapists, and will appeal to students who enjoy science and caring for people.

What will I study?

This is an overview of the modules in the programme, 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.

First Year

Anatomy • Physiology • Physics • Biomechanics • Introduction to Professional Physiotherapy Practice • Exercise Science • Elective modules

Second Year

Basic Musculoskeletal, Cardiorespiratory & Neurological Physiotherapy • Psychology • Physiotherapy Clinical Education • Elective modules

Third Year

Intermediate Musculoskeletal, Cardio-respiratory & Neurological Physiotherapy • Clinical Exercise • Physiotherapy Clinical Education • Sociology

Fourth Year

Professional Physiotherapy Practice • Clinical Specialties • Sports Physiotherapy • Physiotherapy Clinical Education • Pharmacology • Elective modules • Dissertation

Physiotherapy students have, on average, a 35-hour week. In first and second year, you'll 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-semester 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 and Asia.

Professional Work Experience

You'll 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).



www.ucd.ie/myucd/physio



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Sport & Performance

Health & Performance Science 150

Sport & Exercise Management 152

**Do you have a passion for sport?
Do you want to work in an exciting
global industry?**

If so, UCD is the place to transform your personal interests into a rewarding career. From training athletes and improving fitness, through to managing sports organisations or working in marketing and sponsorship, you will find a Sport & Performance programme to match your aspirations.

Why UCD Sport & Performance?

The sport, health, exercise and performance fields of study can lead to a range of exciting career paths. These include running international sports federations, supporting elite athletes, inspiring children to participate in physical activities and working alongside other professionals to improve individual lifestyles.

The innovative Sport & Performance programmes at UCD allow you to specialise in sport, exercise and coaching management, or in health and human performance. With the ever-increasing popularity of sport and growing concerns about lifestyle diseases, there has never been a better time to study Sport & Performance.

Your First Year Experience

As a UCD student of Sport & Performance, you will benefit from studying in small, customised programmes that offer excellent access to internationally recognised lecturing staff and tailored support services. You will study a broad cross-section of foundation and specialist modules, which provide a comprehensive introduction to the field of sport and equip you with the skills and knowledge to succeed in your university studies.

Peer Mentors ensure you are supported through your first year and, with 55 sports clubs and almost 100 societies for you to choose from, UCD is certainly the place to kick-start your new profession.

Health & Performance Science

BSc (Hons) [NFQ Level 8]

CAO Code **DN425**

CAO Points Range 2018 487–565

Length of Course 3 Years

Places 40

For general entry requirements, see pages 191-199

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

Other courses of interest

Physiotherapy →148

Sport & Exercise Management →152

Biomedical, Health & Life Sciences →141



“I chose to go to UCD because of the opportunity to merge my sporting commitments [Airtricity League Soccer] with my interest in sport, physical health and exercise science. The BSc Health & Performance Science degree allows me to develop a critical awareness of the scientific principles underlying the optimisation of sporting performance. The emphasis on laboratory-based work is refreshing and we’ve had access to the excellent facilities in the UCD Institute for Sport & Health, for modules in exercise physiology and strength and conditioning. I would definitely recommend this course to anyone with an interest in these areas.”

Thomas Boyle Student and UCD Ad Astra Elite Athlete Scholar

Why is this course for me?

Health & Performance Science focuses on the scientific principles underlying the promotion and enhancement of sport, physical health and exercise. This BSc degree addresses the application of sport and exercise science to high performance sport and to improving physical health, well-being and fitness across our life span. If you have a particular interest in how sport and exercise science can be applied across numerous disciplines, ranging from adolescents and elite athletes to specific disease populations, then this degree is for you. The programme places a large emphasis on practical skill-based teaching, giving students the opportunity to engage in active learning. This develops critical competencies in analysis, evaluation and testing.

What will I study?

Modules studied on the Health & Performance Science degree include:

First Year

Anatomy • Chemistry • Biochemistry • Physics • Exercise Physiology • Theory of Coaching • Strength & Conditioning

Second Year

Exercise Physiology • Sports Psychology • Biomechanics • Sports Nutrition • Research Methods • Exercise Prescription

Third Year

Exercise Physiology • Sports Injury Management • Sports Nutrition • Statistics • Case Study in Sports Science • Exercise Prescription • Minor dissertation [research project]

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-semester written examinations and continuous assessment. In your final year, you’ll also undertake a group-based research thesis.

Career & Graduate Study Opportunities

When you graduate, you’ll be skilled in the prescription and management of therapeutic exercise interventions in healthcare and sporting settings. You’ll 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

They 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 semester in the USA, Canada, Australia and New Zealand, through one of the Sport & Exercise exchange agreements.

www.ucd.ie/myucd/sportperformance

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Studying UCD Sport & Performance

Year 1

Engage with the principles

Marketing & Management of Sport

Anatomy & Kinesiology

Exercise Physiology

Cultural & Legal Foundations of Sport & Development

Academic & Information Technology Skills

Chemistry & Biochemistry

Year 2

Apply knowledge base

Economic, Event & Strategic Management of Sport

Physiology, Fitness & Biomechanics Testing

Sports & Exercise Psychology

Sports, Coaching & Exercise Management

Work Placement in Ireland or Abroad

Strength & Conditioning

Optional Study Abroad experience in the USA, Canada or Australia and New Zealand

Year 3

Specialise

Sport & Exercise for Health & Special Populations

Research Methods Independent Research Project

Biomechanics & Injury Management

Sports, Coaching & Exercise Management

Physical Activity, Health & Nutrition

Exercise Physiology & Exercise Performance

Degree (Honours)

BSc Sport & Exercise Management | BSc Health & Performance Science

Specialise through UCD graduate study

Taught Graduate Programmes

MSc Sports Management

MSc Coaching Science in Sport

Research Degrees

MSc Sports Studies

MSc Health & Performance Science

PhD

Sport & Exercise Manager
Sport & Exercise Scientist

Professional Accreditation

Shape your career with UCD Sport & Performance

Career Opportunities

Sports Development Officer

Fitness Professional

Facility/Operations Manager

National/International Governing Bodies

Exercise Physiologist

Health Promotion

Sport & Exercise Consultancy

Education & Research

Professional Athlete/
Team Sport & Exercise
Science Support

Continue to develop your professional career with UCD...

Sport & Exercise Management

BSc (Hons) [NFQ Level 8]

CAO Code **DN430**

CAO Points Range 2018 423-509

Length of Course 3 Years

Places 40

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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

Garda Vetting
See page 193

Other courses of interest

Health & Performance Science	→150
Physiotherapy	→148
Social Policy & Sociology	→64
Commerce	→90



“Studying Sport & Exercise Management at UCD was one of the best decisions I have made. The multidisciplinary course allowed me to explore different aspects of sports management, and the first year provided an excellent basis for working within any area of the sports industry. The work placement was an invaluable way of gaining first-hand, practical experience of my chosen career. On campus, lectures and assignments improved my interpersonal communication skills, which taught me how to work effectively in groups and encouraged me to take my own initiative and develop my leadership skills. This course has prepared me to be an effective manager within the sports industry, whilst also preparing me to continue with my studies.”

Ruth Whelan Student

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 programme 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

Students specialise in one of the following:

Digital Sports Marketing • Player Development and Welfare • Fundamentals of Strength and Conditioning • Principles of Exercise Prescription

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 and Public Health • Research Methods for Sport • Professional Skills for Sport Managers • Communication and 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-semester exams, research papers, group projects, presentations, practical experiences and in-class tests are used throughout this programme.

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 semester in the USA, Canada, Australia and New Zealand, through one of the Sport & Exercise exchange agreements.

Veterinary Medicine

Veterinary Medicine	155
Veterinary Medicine [Graduate Entry]	156
Veterinary Nursing	157

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 caseload 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.

Studying UCD Veterinary Medicine

Years
1 & 2

Basic Underpinning Sciences (Pre-clinical)

Normal Structure & Function	Animal Production, Behaviour & Welfare
EMS: Animal Handling Competencies	Option Electives
Professionalism	Epidemiology

**Graduate Entry
(One-year)**

Years
3 & 4

Paraclinical & 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

Shape your career with UCD Veterinary Medicine

Career Opportunities

.....
Biomedical Research

.....
Government Agencies

.....
Industry Consultancy

.....
International Organisations (WHO, FAO)

.....
Academic Teaching

.....
Research

Practice Owner
..... Practice Partner
..... Practice Assistant
..... Animal Charities

Continue to develop your professional career with UCD...

“Studying Veterinary Medicine in UCD is something that I had dreamed of for many years. 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. It gives the feeling that we are one massive faculty family and every day as I walk into the vet building, it feels like I’m 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, there is something for everyone!

Maria Lagan Student



Veterinary Medicine

MVB [Hons] [NFQ Level 8]

Why is this course for me?

This programme 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 6 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 programme.*

What will I study?

This programme 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 and Population Medicine • Veterinary Public Health • Professionalism

Fifth Year

Clinical rotations in the UCD Veterinary Hospital [see Year 5 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 programme.

Students are also required to complete 36 weeks of work placements [pre-clinical extramural studies and clinical extramural studies] as part of the programme 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.

CAO Code **DN300**

CAO Points Range 2018 555 – 625

Length of Course 5 Years

Places 82

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

- H5 Chemistry
- O6/H7 in English, Irish, Mathematics, a third language and one other recognised subject

Practical Experience Requirement

Undergraduate students applying through the CAO system will be required to demonstrate that they have acquired at least 60 hours practical experience relevant to animal handling between 1st February, 2017, and 6th July, 2020. 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

Mature Entry Route None

Other courses of interest

Medicine	→138
Animal Science	→164
Agricultural Science	→160
Biomedical, Health & Life Sciences	→141



Veterinary Medicine (Graduate Entry)

MVB [Hons] [NFQ Level 8]



“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

CAO Code **DN301**

Length of Course **4 Years**

Places **8**

Entry Requirements

See www.ucd.ie/registry/admissions/GradVet.html

Application Procedure

For full details about the application procedure, please visit www.ucd.ie/registry/admissions/GradVet.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.

Other courses of interest

Medicine (Graduate Entry)

→140

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 programme over four years for graduate entrants, we have increased student diversity and provided enhanced opportunities for entry.

To apply for this four-year programme, you must have completed a degree in biological, biomedical or animal sciences before entry into the programme. This graduate entry programme 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 programme.*

What will I study?

The programme is organised over four years. In first year, students will build on their knowledge of the basic biological sciences. You will take modules which 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’ll take combined modules with students taking the DN300 degree in Veterinary Medicine.

Eligibility Criteria*

The four-year graduate entry programme is open to applicants who:

- i) 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].
 - ii) 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) animal handling experience in at least 2 or more species is recommended
 - v) applicants may be called for interview

Career & Graduate Study Opportunities

You can work in mixed, small animal, farm animal or equine practice. You may also obtain further specialist clinical qualifications. Beyond clinical practice, veterinarians play an important role in the protection of public health, in research into diseases of animals and man, and in other areas, such as conservation and wildlife protection. While most graduates work in clinical practice, increasing numbers pursue research in public service or private sector research. This reflects the important role of the veterinarian in animal health control and consumer protection. At present, there is almost complete employment for veterinary graduates.



www.ucd.ie/myucd/vetmed



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facebook.com/MyUCD

“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



Veterinary Nursing

BSc (Hons) [NFQ Level 8]

CAO Code **DN310**

CAO Points Range 2018 445–566

Length of Course 4 Years

Places 44

For general entry requirements, see pages 191-199

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 programme 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 programme 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.

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'll also have the opportunity to pursue graduate studies, thereby actively contributing to academic and research fields both within your profession and in related sciences.



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 nineteenth globally and fifth in Europe, based on the latest U.S. News & World Report rankings (November 2018) for the study of agricultural science. Unique programmes 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, 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,

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 and fibre products.

Students will be exposed to the latest scientific discoveries and knowledge that underpins each of our four year honours degree programmes. The modular and innovative syllabus includes Professional Work Experience (PWE) and international study abroad opportunities. The programmes 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 Programme Office 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 13 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.



Agriculture, Food & Nutrition

Agricultural Science	160
Agricultural Systems Technology	162
Animal & Crop Production	163
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Pictured at UCD Agriculture, Food Science and Human Nutrition Careers Day 2019 are from left to right: Anne Casey, student; Professor Alexander Evans, UCD Dean of Agriculture; Amii McKeever, President Agricultural Science Association and Editor, Irish Country Living; Martin Merrick, Chair, Agricultural Science Careers Committee; Rian Kennedy and Aoife Hayes, students.

Agricultural Science

BAgrSc (Hons) [NFQ Level 8]



UCD 2018/2019 Agricultural Science student society committee present fundraising cheques for €65,000 to their chosen charities.

CAO Code **DN250**

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Food Science	→170
Dairy Business	→168
Agri-Environmental Sciences	→169
Horticulture, Landscape & Sportsturf Management	→173
Forestry	→172

Why is this course for me?

If you're 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'll be guaranteed a place in any of the six specialisations from second year. If, on the other hand, you know which of the following areas you'd like to specialise in, you can select *one* of these areas on your CAO application. The degree specialisations offered are:

- DN250** Agricultural Systems Technology
- DN250** Animal & Crop Production
- DN250** Animal Science
- DN250** Animal Science - Equine
- DN250** Food & Agribusiness Management
- DN250** Food Business with Chinese Studies

Students interested in progressing to the Food Business with Chinese Studies degree must undertake one Chinese language module in semester one and transfer to the Food Business with Chinese Studies degree option by the end of semester 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 • Cell & Plant Biology • Physics • Mathematics for Agriculture • Introductory Chemistry • Agricultural Economics & Business

Second, Third & Fourth Year

You specialise in one of the programme 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-semester 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 semester during third year, in universities in Australia, New Zealand, Europe and the USA, among others.



www.ucd.ie/myucd/ag



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Studying UCD Agricultural Science

Year 1

Explore your options

Biology	Maths	Chemistry
Physics	Agricultural Economics & Business	Elective Modules/Chinese Language

Years 2, 3 & 4

Choose your pathway*

Animal & Crop Production	Animal Science	Animal Science - Equine
Agricultural Systems Technology	Food & Agribusiness Management	Food Business with Chinese Studies
Professional Work Experience (PWE)	Optional Study Abroad	
Subject Specific modules		

BAgrSc (Honours)

Specialise through UCD graduate study

Taught & Research Master's

Agricultural Extension & Innovation

Animal Science

Food Business Strategy

Food, Nutrition & Health

Sustainable Agriculture and Rural Development

Wildlife Conservation & Management

Environmental Resource Management

Rural Environmental Conservation & Management

Humanitarian Action

Doctor of Philosophy (PhD)

Research & Academia

Shape your career with UCD Agricultural Science

Nutritionist

Teacher

Accountant

Farm Manager

Horticulturist

Geneticist

Marketing Manager

Journalist

Business Manager

Technical Sales Manager

Communications Manager

Banker, Stockbroker

Food Safety Inspector

Quality Assurance Officer

Agricultural Consultant

Agricultural Inspector

Data Analyst

Technical Engineer

Policy Analyst

Production Manager

Food Technologist

Microbiologist

Scientist

Researcher

Principal Investigator

Lecturer

Professor

Government Official

Development Officer

Project Manager

County Heritage Officer

Conversion/ Complementary Courses

PME Professional Master of Education (Teaching)

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 Systems Technology

BAgrSc (Hons) [NFQ Level 8]



“My interest in the Agricultural Systems Technology programme stemmed from a combination of having an avid interest in engineering and being immersed in agriculture due to my farming background.

I spent a semester studying in Purdue University, Indiana. Without doubt, this was the best college experience. I completed my PWE in Dairymaster, an Irish owned company who design and construct milking parlours for clients globally. With the projected growth in this area this is invaluable experience to have gained.

With all the current advances in agriculture and the increased dependence on precision and accuracy, I am glad to be studying in this area. I see myself returning to my home farm one day, but am sure this course will lead to plenty of other employment opportunities.”

Bill O'Neill Student

CAO Code **DN250**

CAO Points Range 2018 444–601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Science	→95
Dairy Business	→168
Agri-Environmental Sciences	→169
Forestry	→172

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

Biosystems Engineering Design Challenge • Agricultural Economics • Biology, Chemistry & Physics • Mathematics • Computer Programming • Information Skills

Second Year

Agricultural Engineering Principles • Animal, Crop & Soil Science • Applied Biostatistics • Agricultural Microbiology • Food Physics • Food Macronutrients

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-semester 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 semester in third year. Possibilities include:

- University of California, USA
- University of Queensland, Australia
- Michigan State University, USA
- Kansas State University, USA
- Purdue University, USA



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"I started out in omnibus very naive about what exactly I wanted from my four years at UCD. I know now that choosing Animal and Crop Production [ACP] was the right choice. The course offers a wealth of relevant real-world knowledge that will undoubtedly benefit any future career in the agricultural industry. The highlight of my college career was the semester I spent at Cornell University. I couldn't pass on an opportunity to study at a world-renowned Ivy League university in New York. My PWE also brought me to Missouri and Denmark. I feel confident going out into the working world knowing I have completed this degree, and that to me is the best indication that my choice to study ACP was worth it."

Joanne O'Keeffe Student



Animal & Crop Production

BAgrSc (Hons) [NFQ Level 8]

CAO Code **DN250**

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Dairy Business	→168
Agri-Environmental Sciences	→169
Food Science	→170

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'll 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 year of the programme. Modules include:

First Year

Chemistry • Physics • Mathematics • Biology • Introduction to Animal & Crop Science

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

Ruminant & Non-Ruminant Animal 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 the final year, students make regular visits to UCD's Lyons Farm to get hands-on practical experience.

A combination of continuous assessment and end-of-semester 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 semester one of third year, at universities including:

- Lincoln University, New Zealand
- Kansas State University, USA
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA
- Cornell University, USA



Animal Science

BAgrSc (Hons) [NFQ Level 8]



"I chose to study Animal Science at UCD due to my background in dairy farming. I had an interest in expanding and wanted to learn about other sectors. There has been so many highlights and opportunities that have come my way since studying Animal Science such as being on the winning 'Great Agri-Food' debating team, playing Polocrosse, getting involved in AgSoc and making friends from all around the country. PWE is a great opportunity within the course that lets you put what you learned in the lectures into practice and opens many doors into employment in the future. The whole agricultural science student body are one big family and I am sure there isn't any other course in the country that is so open and friendly to everyone."

Louise O'Connor Student

CAO Code **DN250**

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Food Science	→170
Dairy Business	→168
Veterinary Medicine	→155

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. The 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

Introduction to Animal Science • Animal & Plant Biology • Chemistry • Mathematics • Physics • Information Skills • Agricultural Economics • Elective 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

Ruminant Animal Production (Dairy, Beef, Sheep) • 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-semester 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 semester abroad. Possibilities include:

- University of Illinois, USA
- Kansas State University, USA
- University of Queensland, Australia
- Michigan State University, USA
- Purdue University, USA



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“Having grown up around horses choosing the Animal Science – Equine course at UCD was a natural progression. Moving to UCD for four years was most enjoyable and the friends I made still remain close to me today. I particularly enjoyed the equine modules and being able to apply what I had learned in the field at home. The opportunity to travel abroad for PWE in third year has set me up in the job I am in today. I completed my PWE in Dromoland Farm in Lexington Kentucky. Following graduation I worked for four years at Hunter Valley Farm. I am now the Assistant Farm Manager at Indian Creek Farm in Paris Kentucky.”

Lee Dooley Animal Science – Equine Graduate



Animal Science – Equine

BAgrSc [Hons] [NFQ Level 8]

CAO Code **DN250**

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Dairy Business	→168
Veterinary Medicine	→155

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'll 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'll study the basic sciences at the start, which are complemented by specialist modules in:

First & Second Year

Principles of Animal Science • Animal Biology & Evolution • 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 new equine 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), research projects and end-of-semester examinations are used.

Career & Graduate Study Opportunities

In addition to the career opportunities available to Animal Science graduates (see page 164), 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 equine science research and development careers, and 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, racing yards in Sydney, Australia, top show-jumping and eventing yards in Ireland, and with Tattersalls Ireland and Horse Sport Ireland.

There are also opportunities to participate in the Study Abroad Programme in third year.

- University of Queensland, Australia
- Texas A&M University, USA
- Iowa State University, USA

KEY FACT

Ireland produces more thoroughbred foals than any other EU state. We are the third-largest producer worldwide and marketed globally as The Land of the Horse.



Food & Agribusiness Management

BAgrSc (Hons) [NFQ Level 8]



"In my final year of secondary school I was unsure of what I wanted to do. I always had a love for food and a desire to go into business. Upon learning of the Food and Agribusiness Management course I immediately decided it was for me. It has not disappointed.

As well as a great academic experience, the course has provided a platform to broaden my knowledge of the agribusiness sector through a semester placement in the University of Vermont [USA], followed by 7-month industry placement. These combined experiences together with the academic modules have provided me with an invaluable educational experience and a greater confidence from which to launch my career."

Jane Tuohy Student

CAO Code DN250

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Food Business with Chinese Studies	→167
Dairy Business	→168
Horticulture, Landscape & Sportsturf Management	→173

Why is this course for me?

During the Food & Agribusiness Management degree, you'll learn how the principles of business and economics apply to farming, food production and marketing. You'll 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'll 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'll study core science subjects in first year, and then develop your agribusiness knowledge with specialist modules.

First Year

Agribusiness • Agricultural Economics • Biology • Chemistry • Physics • Mathematics

Second Year

Management • Business Law • Economics • Animal & Crop Sciences • Biostatistics

Third Year

Finance • Food Chain Integrity • Meat Science • Econometrics • Professional Work Experience (PWE) • Spreadsheets

Fourth Year

Enterprise Development & Strategy • Agri-Environmental Economics & Policy • Farm Business Management • Communications • 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-semester written examinations and innovative continuous assessment is used. In your final year, you'll also 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: MSc and PhD by research; MSc in Marketing; MAgSc in Agricultural Extension and Innovation and MSc in Food Business Strategy.

Professional Work Experience (PWE) & International Study Opportunities

You will spend the second semester 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 semester abroad in third year. Possibilities include:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA

KEY FACT

Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.



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“Within the past decade trade relations between Ireland and China have become increasingly positive. China is now Ireland’s third largest export market and trade between the two countries is expected to rise exponentially. I chose this course as it provides students with an opportunity to study a language spoken by more than one billion people and learn about the food sector as a whole through participating in a number of scientific and business modules. The opportunities afforded to me during this course will allow me to graduate with a high level of proficiency in Mandarin due to spending a year in Beijing, as well as having extensive knowledge of the food industry in both Ireland and China.”

Max Geoghegan Student



Food Business with Chinese Studies

BAgrSc (Hons) [NFQ Level 8]

CAO Code **DN250**

CAO Points Range 2018 444-601

Length of Course 4 Years

DN250 Places 190

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Please Note:

Students interested in progressing to the Food Business with Chinese Studies degree option must undertake one Chinese language module in semester one and transfer to the Food Business with Chinese Studies degree option by the end of semester one.

Other courses of interest

Agricultural Science	→160
Food and Agribusiness Management	→166
Dairy Business	→168
Horticulture, Landscape and Sportsturf Management	→173
Food Science	→170

Why is this course for me?

The Food Business with Chinese Studies programme 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 programme 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

Introduction to Food and Agribusiness Management • Agricultural Economics and Business • Mathematics • Chemistry • Biology • Physics • Chinese Language Experience • Elementary Written Chinese • Elementary Spoken Chinese

Second Year

Business Management • Business Law • Applied Economic Analysis • Financial Planning and Control • Soil Science • Intermediate Spoken Chinese 1 and 2 • Intermediate Written Chinese 1 and 2 • Option Modules

Third Year

Students will complete year three of their studies in China at one of UCD’s partner Universities, 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 semesters 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 and Agricultural Strategy • International Food Marketing • Agricultural Policy • Enterprise Development • Advanced Chinese 1 and 2 • Chinese Economy • Doing Business in China • Option modules

Career and Graduate Study Opportunities

As the agri-food sector becomes more knowledge intensive, education and skills development are even more critical for career success. This programme 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 programme 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.



Dairy Business

BAgrSc (Hons) [NFQ Level 8]



"I selected the Dairy Business programme due to its extensive curriculum, the chance to go on an international work placement and the vast amount of opportunities in the dairy sector post quotas. The programme equips students to successfully run a dairy enterprise and also prosper in the dairy sector.

Going to New Zealand was the highlight of the 4 years for me. It was an eye opening and unforgettable experience. The journey from 1st to 4th year can only be described as an adventure. The Ag family is renowned for its community ethos offering students an open and welcoming environment to thrive and prosper. I would encourage anyone considering Dairy Business to follow suit."

Conor Hogan Graduate

CAO Code **DN252**

CAO Points Range 2018 429-544

Length of Course 4 Years

Places 21

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Animal & Crop Production	→163
Animal Science	→164
Animal Science - Equine	→165
Food & Agribusiness Management	→166

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 programme. 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'll 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 semester 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'll 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-semester 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 semester, third year) and offers you the opportunity to visit New Zealand at the busiest time of the dairy farming calendar.

KEY FACT

The UCD Lyons Dairy Research and Education Facility was officially opened on the 19 January, 2016, and is an excellent resource for Dairy Business students.



www.ucd.ie/myucd/ag



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"I would highly recommend anyone to take the Agri-Environmental Sciences course at UCD. The highlight of this course for me was the opportunity to gain professional work experience in third year. I worked with the Department of Agriculture, Food and the Marine on crop variety trials, which gave me a great insight into the tillage industry. PWE allowed me to transfer my knowledge from theory-based lectures into a practical setting, broadening my understanding of the course. I also became actively involved in UCD Dance Society, one of the many societies UCD has to offer. Taking part in societies and events definitely adds to the college experience."

Claire Duffy Student



Agri-Environmental Sciences

BAgrSc (Hons) [NFQ Level 8]

CAO Code **DN253**

CAO Points Range 2018 396-491

Length of Course 4 Years

Places 27

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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

See www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Forestry	→172
Horticulture, Landscape & Sportsturf Management	→173
Animal & Crop Production	→163
City Planning and Environmental Policy	→190

Why is this course for me?

This degree focuses on sustainable management of natural resources (plants, animals, air, soils and water) 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 worldwide.
- 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

Focuses on teaching basic sciences relevant to agriculture (especially biology and chemistry) and provides an introduction to rural land-use systems and environmental issues.

Second Year

Focuses on the principles of crop and animal production and applied agri-environmental sciences. Modules include: Ecology • Plant Biology • Soil Science • Applied Zoology • Microbiology • Genetics • Biotechnology

On completion of second year, you have the opportunity to develop field skills through participation in a week-long residential field course in the Burren, Co. Clare.

Third & Fourth Year

Focus on the environmental impacts of agriculture while you learn practical field and lab based skills e.g. landscape analysis using GIS. You will also become familiar with national and international policies, schemes and practices to protect rural environments. In fourth year, you complete advanced modules in environmental management, 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-semester 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 five-month period of structured PWE takes place in third year. You can also elect to study abroad for one semester, at universities including:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA



Food Science

BSc (Hons) [NFQ Level 8]



“Studying Food Science at UCD is a fantastic choice for anybody with a scientific interest in food. Going into the course having only studied biology, the 1st year modules of chemistry and physics were well taught and alleviated any worries I had of falling behind. Using this foundation a professional team of lecturers and staff explore topics such as the processing, analysis, nutrition, microbiology and chemistry of food, amongst many more.

Two stand-out components of the course are the PWE and Research Project modules. For my PWE placement, I was hired as an R&D assistant in a nutritional company assisting with product development, quality control and regulatory compliance.”

Patrick Swan Graduate

CAO Code **DN261**

CAO Points Range 2018 477–522

Length of Course 4 Years

Places 46

For general entry requirements, see pages 191–199

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

See www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Human Nutrition	→171
Food & Agribusiness Management	→166
Food Business with Chinese Studies	→167

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'll 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 biology and chemistry. 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're 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 the technology and chemistry of meat, dairy and fermented foods. Food safety and marketing are important aspects of the course. You will also have an opportunity to undertake a research project.

The course involves attending lectures and completing laboratory practicals and sessions to give first-hand experience of operating food processing equipment. There are also many opportunities to work on team-based assignments.

The UCD Food Science programme is internationally accredited by the Institute of Food Technologists (IFT).

This award is granted to



educational institutions that have food science programmes 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.

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.

Career & Graduate Study Opportunities

Graduates have excellent employment prospects with national and international companies in:

- Production management
- Nutrition
- Food quality and safety
- Sales & 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 semester 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.



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"I chose to study Human Nutrition at UCD as it was the perfect way to combine a passion for food with my favourite subjects from school – Chemistry and Biology. The lecturers in UCD are at the forefront of research in this field. The highlight of my degree was my PWE where I undertook a 10 month internship with the US Department of Agriculture in their research centre on the University of California, Davis campus. This gave me the opportunity to learn from world renowned research scientists while experiencing student life on an American college campus. Next year, I will continue my studies at UCD with an MSc in Food Business Strategy at the UCD Michael Smurfit Graduate Business School."

Rachel Lowry Student



Human Nutrition

BSc (Hons) [NFQ Level 8]

CAO Code **DN262**

CAO Points Range 2018 517 - 591

Length of Course 4 Years

Places 34

For general entry requirements, see pages 191-199

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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 193

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'll 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 Lifestyles • 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-semester written examinations and continuous assessment is used. In third and fourth year, you'll complete comprehensive research projects.

The Human Nutrition Programme 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. Food and health have been identified as strategically significant at UCD. As such, development of internationally recognised research groups in food and health has resulted in a substantial increase in recruitment of 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

Agricultural Science	→160
Food Science	→170
Medicine	→138
Health & Performance Science	→150



Forestry

BAgrSc (Hons) [NFQ Level 8]



"I grew up adjacent to an old Irish woodland and from a young age I loved exploring the ecosystem and trying to identify different tree species from their leaf shapes. I knew I wanted a career in forestry so when it came to filling out my CAO application UCD forestry was an easy choice. The degree is an excellent foundation to help build your career and is highly sought after in a multitude of industries. The modules undertaken in Stage 1 give you a strong scientific foundation to help you understand the fundamental principles of forestry. During my time in UCD I had the opportunity to visit countries such as, Iceland, Germany and even a job interview in Costa Rica with Fyffes. The forestry industry in Ireland is growing and the demand for forestry graduates is intensifying. My advice is to choose a degree in forestry with UCD as the opportunities are endless."

Mike O'Brien Graduate

CAO Code **DN271**

CAO Points Range 2018 321-476

Length of Course 4 Years

Places 15

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements

06/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

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 transferrable skills to ensure our graduates contribute positively to the ongoing expansion of the Irish forestry sector.

Forestry students will:

- Learn about timber production, 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 which 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

Biology • Chemistry • Physics • Mathematics • Economics • Trees & Forests in Ireland • Elective modules

Second Year

Tree Structure and 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 and Remote Sensing • Forest Inventory and Sampling • Elective modules • Professional Word Experience (PWE)

Fourth Year

Forest Inventory and Management Plan • Experimental Design • Forest Planning • Forest Policy and 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 experience both Irish forestry and forestry in a foreign country. In third year, a number of forestry students have studied for a semester in:

- Michigan State University, USA
- University of Vermont, USA
- Iowa State University, USA

Other courses of interest

Agricultural Science	→160
Agri-Environmental Sciences	→169
Horticulture, Landscape & Sportsturf Management	→173
Landscape Architecture	→189



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“This broad course suited my interest in both the horticulture and sportsturf industry. My best experience from UCD was getting the opportunity to travel to Canada for my PWE where I assisted in a million-dollar project constructing six new holes on an exclusive golf course, with TDI International. I also assisted in soccer pitch development and construction and green space development.

It was something I would have never imagined I would have done before I came to UCD. It took me out of my comfort zone and great job opportunities and contacts were developed. I have successfully secured a place for a master's degree at UCD where I will continue my education.”

Niamh Flannelly Graduate



Horticulture, Landscape & Sportsturf Management

BAgrSc [Hons] [NFQ Level 8]

CAO Code **DN272**

CAO Points Range 2018 245–429

Length of Course 4 Years

Places 12

For general entry requirements, see pages 191–199

Leaving Cert Subject Entry Requirements
06/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
See www.ucd.ie/transfer

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→160
Agri-Environmental Sciences	→169
Forestry	→172
Landscape Architecture	→189

Why is this course for me?

Horticulture is the art, science, technology and business of plant cultivation for human use. If you like biology or other science subjects, or you're interested in business studies, home economics or languages, then this course may be for you. It will give you an appreciation of the importance of plants for human life and well-being. The course covers the sciences, environmental studies, business, management and communications, as well as growing food and non-food plants. Landscape & Sportsturf Management focuses on 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'll study core science subjects in first year, and then develop your horticulture knowledge with specialist modules.

First Year

Plants and People • Landscape & Sportsturf Management • Agricultural Economics • Biology • Chemistry • Physics • Mathematics

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 and participating in industry site visits and field and greenhouse workshops, and undertake independent study and research.

Assessment includes continuous assessment [e.g. class tests, essays] and end-of-semester 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, consultation, 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 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 semester is also a popular option for many students.





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.



Engineering

Engineering	176	Electrical Engineering	181
Biomedical Engineering	178	Electronic Engineering	181
Chemical & Bioprocess Engineering	179	Mechanical Engineering	182
Civil Engineering	180	Structural Engineering with Architecture	183

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 which 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.

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. 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. Whether your interests lie in agri-food, business, communications, energy, 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 programmes 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.”

Assoc Professor Aoife Ahern Dean of Engineering

CAO Code **DN150**

CAO Points Range 2018 509–625

Length of Course 3 Years [BSc] [Hons]
+ 2 Years [ME] or 4 Years [BE]

DN150 Places 265

For general entry requirements,
see pages 191-199

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

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



Studying Engineering at UCD

At UCD Engineering, 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 are designed to 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 programmes are professionally accredited, they are fully recognised internationally.

You'll 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'll 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.

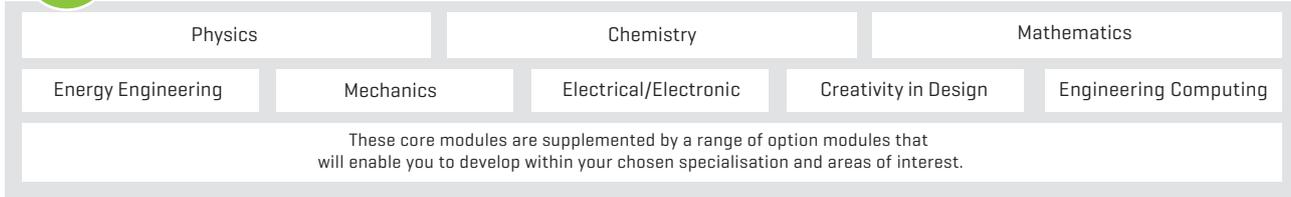
KEY FACT

All of the ME Programmes have an embedded internship element.

Studying UCD Engineering

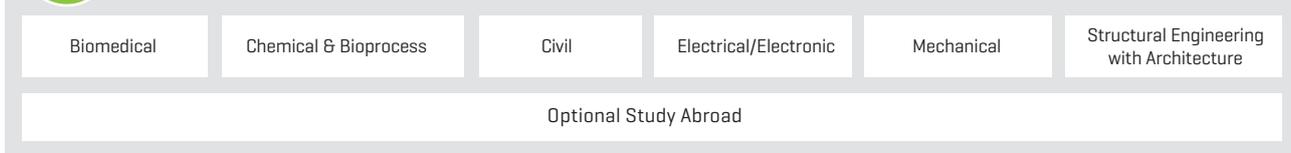
Year 1

Explore your options



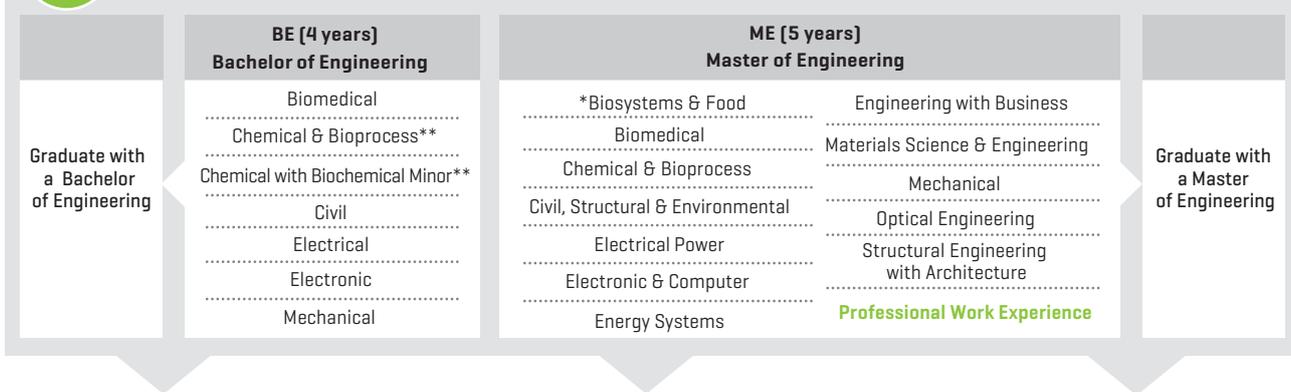
Years 2 & 3

Choose your pathway



Years 4 & 5

Focus on your area(s) of specialisation



Specialise through UCD graduate study

Taught & Research Master's

- Biopharmaceutical Engineering
- Bioeconomy with Business
- Chemical Engineering
- Electronic & Computer Engineering
- Engineering Management
- Environmental Technology
- Food 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

Professional Engineer in your chosen discipline with careers in:

- Business & Media
- Construction
- Design
- Education
- Energy
- Environment
- Finance
- Food
- Healthcare
- Information & Communications Technology (ICT)
- Management
- Manufacturing
- Pharmaceuticals
- Research & Academia

Continue to develop your professional career with UCD...

*The ME Biosystems and Food Engineering is accessible from all Engineering Pathways.

**These 4-year BE degrees are designed to meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers [ICHEME].

Biomedical Engineering

BSc (Engineering Science) [NFQ Level 8]
leading to ME [NFQ Level 9]
or BE (Hons) [NFQ Level 8]



“As an avid science fiction fan, I have always been interested in developing technology inspired by the genre. Engineering in UCD is extremely flexible and allowed me to follow the areas that interested me most. The degree programme is 5-years; structured as a 3-year BSc and a 2-year ME degree. I was passionate about developing electronics which interface with our body’s neuromuscular system and so I completed the Electronic engineering stream for my BSc, before moving into the Biomedical engineering stream for my ME. I am now a PhD researcher at the UCD Neuromuscular Systems lab where I research deep brain stimulation algorithms for Parkinson’s disease. My experience throughout the 5-year programme has been invaluable to my research today!”

John Fleming PhD Student

CAO Code **DN150**

CAO Points Range 2018 509–625

Length of Course 3 Years [BSc] (Hons)
+ 2 Years [ME] or 4 Years [BE]

DN150 Places 265

For general entry requirements,
see pages 191–199

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

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

Engineering	→176
Electrical/Electronic Engineering	→181
Mechanical Engineering	→182
Medicine	→138

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 • Functional Anatomy & Kinesiology

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’ll 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’s degree in Biomedical Engineering. You can study for a PhD and work with some of the world’s leading experts on ground-breaking research.

International Study Opportunities

Opportunities have included:

- Beijing University of Technology, China
- University of New South Wales, Australia
- University of Illinois, USA
- University of British Columbia, Canada

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, Nypro, Palliare, and ResMed.



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“At the end of my first (Omnibus) year, I decided that Chemical & Bioprocess Engineering was for me. From there, the approachable, open-door policy of lecturers was unparalleled in terms of academic support. Group work, evident in most modules, let me build on invaluable interpersonal skills and the extensive opportunities in terms of internships and scholarships challenged me to push my limits. I thoroughly enjoyed my time at UCD and, as I now undertake a graduate program at Jacobs Engineering, it is apparent how this experience helped me build the solid foundation upon which I can now further my career.”

Katie Kilcoyne Graduate



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'll use the sciences as the basis for understanding these transformations; you'll 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 • 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.

International Study Opportunities

Recent opportunities have included a year in:

- University of California, Santa Barbara, USA
- University of Connecticut, USA
- ENSIACET, Toulouse, France
- McGill University, Canada

Students enrolled in Year 5 of the ME programme undertake a Research Project, either in industry, in UCD or on Study Abroad, with recent opportunities at the University of Maryland, USA.

Professional Work Experience (PWE)

PWE is incorporated in the ME Chemical & Bioprocess Engineering programme. Six- to eight-month internships (the majority of which are paid) have included the following employers: AbbVie, Alexion, APC, BMS, GSK, Irving Oil, Jacobs, Lilly, MSD, Pfizer and PM Group.

Chemical & Bioprocess Engineering

BE (Hons) [NFQ Level 8]
leading to ME [NFQ Level 9]

CAO Code **DN150**

CAO Points Range 2018 509-625

Length of Course 4 Year [BE] + 1 Year [ME]

DN150 Places 265

For general entry requirements, see pages 191-199

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

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.

Other courses of interest

Engineering	→176
Biomedical Engineering	→178
Chemistry	→110
Chemistry with Biophysical Chemistry	→111



Civil Engineering

BSc [Engineering Science] [NFQ Level 8]
leading to ME [NFQ Level 9]
or BE [Hons] [NFQ Level 8]



“From a very young age, I’ve always wanted to be a Civil Engineer. Studying Civil Engineering at UCD has allowed me to apply practical knowledge to the real world through lectures, field trips, lab work and tutorials. Working as a Civil Engineer is a rewarding profession where the work you do influences where people work, learn, relax and live. As technology changes and as population growth continues, civil engineers adapt the resources and infrastructure we have to meet our needs. As part of the Professional Work Experience module, I worked with an Irish owned company, Ward and Burke Microtunnelling in Canada. I graduated from UCD in 2018 with a Master’s in Civil Engineering and was offered a full-time position before I even graduated. I’m currently based in Toronto, installing underground tunnels for water and wastewater.”

Larry Gaule Graduate

CAO Code **DN150**

CAO Points Range 2018 509–625

Length of Course 3 Years [BSc] [Hons]
+ 2 Years [ME] or 4 Years [BE]

DN150 Places 265

For general entry requirements,
see pages 191–199

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

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 • Soil Mechanics & Geotechnical Engineering • Construction Materials & Practice • Transportation Engineering

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 and Environmental Engineering and Engineering with Business. Graduates can also apply for positions in PhD research programmes.

International Study Opportunities

Opportunities to date have included:

- University of Melbourne, Australia
- University of California, Berkeley, USA
- University of Auckland, New Zealand
- University of Connecticut, Storrs, USA

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, O’Connor Sutton Cronin, Roughan & O’Donovan, and RPS Group.

Other courses of interest

Engineering	→176
Mechanical Engineering	→182
Structural Engineering with Architecture	→183
Landscape Architecture	→189



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"I was originally attracted to UCD Engineering due to its national and international standing, as well as the many engineering disciplines the school offers. I chose to specialise in Electronic and Electrical Engineering for my bachelor's and later went on to further specialise in Electrical Power Engineering for my master's degree, from which I graduated in 2018. My 5 years at UCD has been an amazing journey, in which I have learned about the exciting technologies that shape the electrical grid and energy industry, and the cutting-edge research that will power our future power systems. This allowed me the opportunity to conduct exciting research for my master's thesis, which has led to a job as an Electrical Markets Engineer with the National Renewable Energy Laboratory in the United States."

Daniel Levie Graduate



Electronic Engineering or Electrical Engineering

BSc (Engineering Science) [NFQ Level 8]
leading to ME [NFQ Level 9]
or BE (Hons) [NFQ Level 8]

CAO Code **DN150**

CAO Points Range 2018 509-625

Length of Course 3 Years [BSc] (Hons)
+ 2 Years [ME] or 4 Years [BE]

DN150 Places 265

For general entry requirements,
see pages 191-199

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

See www.ucd.ie/transfr

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?

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, 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 some combination of research and design in some area of interest. This will be assessed using reports, presentations and an interview.

Career & Graduate Study Opportunities

You could 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 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

Opportunities to date have included:

- McGill University, Montreal, Canada
- National University, Singapore
- University of California, USA
- University of Queensland

Professional Work Experience

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, Workday, and Xilinx.



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 2018 509–625

Length of Course 3 Years [BSc] [Hons]
+ 2 Years [ME] or 4 Years [BE]

DN150 Places 265

For general entry requirements,
see pages 191-199

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/admission

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

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

Engineering	→176
Biomedical Engineering	→178
Agricultural Systems Technology	→162



"I always dreamt of a career in motorsport and now, thanks to UCD, I am living my dream! My mechanical engineering degree at UCD was a fantastic springboard for a career in F1 car design. The course offered a wide and varied selection of classes. I especially liked the materials & design modules. I now apply everything I learned at UCD in designing carbon fibre parts as a senior composite designer for Racing Point F1 Team. Throughout my years as a student, the staff at UCD provided support and encouragement that really helped me in my professional journey."

Sósanna Ní Dhubháin Graduate

Why is this course for me?

Mechanical engineers help to 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'll 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: Chemistry • Creativity in Design • Electrical/Electronic Engineering • Energy Engineering • Engineering Computing • Mathematics • Mechanics • Physics

Second to Fifth Year

Sample modules for Mechanical Engineering students include: 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 and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you'll 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 or elsewhere. Those with a strong interest in research also have the opportunity to pursue a PhD.

International Study Opportunities

Students are encouraged to spend one or more trimesters abroad, attending a Mechanical Engineering degree of equivalent standard. To date, students have studied in:

- University of California, Berkeley, USA
- Georgia Institute of Technology, USA
- EPFL, Lausanne, Switzerland
- Australia, France and New Zealand

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, Boston Scientific, Ethos Engineering, Fingleton White, Glen Dimplex, Henkel, Hilti, Jacobs Engineering, Jaguar Land Rover, PM Group, and Nypro.



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"I chose to study Structural Engineering with Architecture because the course seemed like a perfect balance of problem solving, creativity and design. What really sets this course apart is that the school recognizes the importance of developing areas such as leadership, team work, innovation, economics and communication.

The 8-month work placement in 4th year was a highlight for me, this placement gave me the opportunity to apply what I had learned in UCD to real life problems and get exposure to potential employers. After graduating UCD, I was delighted to be offered a job with ARUP, a multi-national leading engineering design firm, where I have had the opportunity to watch my work take shape in the built environment."

Caitlin McDonnell Graduate



Structural Engineering with Architecture

BSc (Engineering Science) [NFQ Level 8]
leading to ME [NFQ Level 9]

CAO Code **DN150**

CAO Points Range 2018 509-625

Length of Course 3 Years [BSc] [Hons]
+ 2 Years [ME]

DN150 Places 265

For general entry requirements,
see pages 191-199

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
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

Architecture →187
Civil Engineering →180

Why is this course for me?

If you're 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 programme'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

Construction Materials • Construction Practice • Mechanics of Solids • Soil Mechanics • Architecture for Structural Engineers

Third Year

Structure & Form • Analysis of Structures • Design of Structures • Energy Systems: Buildings • Group Design Project

Fourth Year

Taught modules in the Autumn trimester are typically followed by an eight-month work placement.

Fifth Year

Innovation Leadership • Advanced Structural Analysis & Design • Professional Engineering [Management] • Soil Mechanics & Geotechnical Engineering • Bridge Engineering • Research Project

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'll 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 Opportunities

There is the opportunity to spend a trimester abroad. Students to date have spent trimesters at: University of Cantabria, Spain • University of California, USA • University of Connecticut, USA • San Jose State University, USA • University of Washington, USA

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: Arup, Meinhardt [London], OBA Consulting Engineers, O'Connor Sutton Cronin, Thornton Tomasetti [New York], and Waterman Moylan.





Why UCD Planning & Environmental Policy?

UCD Planning is the oldest, largest and most respected planning and environmental policy school in Ireland. Most planners currently employed in Ireland were educated in the School. Planning and environmental policy involves understanding the world around us and building on such knowledge to create a better world.

The Bachelor's in City Planning & Environmental Policy is an employment focused degree, so if you are considering a career as a professionally qualified planner, urban designer or environmental policy analyst this degree is for you. This course is also accredited by both the Royal Town Planning Institute [RTPI] and the Irish Planning Institute [IPI].

This exciting programme is about solving complex issues that we experience in our everyday lives. Where should we build our schools, shops and stadiums? What can we do to conserve our unique natural environment? How can we protect our cultural heritage? Planners, environmental policy experts and urban designers tackle such issues on a daily basis. They do so by promoting sustainable development to improve our quality of life and enhance the natural environment. If you would like to make a positive difference to how our world works, then this programme is for you.



Architecture, Planning & Environmental Policy

Architecture	187	City Planning & Environmental Policy	190
Landscape Architecture	189	Structural Engineering with Architecture	183

Why UCD Architecture/ Landscape Architecture?

UCD Architecture is Ireland's longest established and most prestigious architecture course. It is the only course of architecture in Ireland that is accredited by the recognised professional institutes of both Ireland [Royal Institute of the Architects of Ireland – RIAI] and the United Kingdom [Royal Institute of British Architects – RIBA]. The School of Architecture has also most recently secured the Substantial Equivalency with the National Architectural Accrediting Board [NAAB] in the USA.

UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture. This course is accredited by the Irish Landscape Institute [ILI] and recognised by the International Federation of Landscape Architecture [IFLA-Europe].

Our programmes are taught in unique facilities in the Richview/Newstead buildings on the Belfield campus. These include design studios, which are at the heart of both programmes, a well-equipped workshop and building laboratory, exhibition spaces and the best architectural library in the country.

The studio programmes are largely taught by practising architects and landscape architects. These

include many of the leading figures in their profession, whose work is widely recognised nationally and internationally, including the 2018 Venice Biennale Architectural Curators, adjunct professors, Yvonne Farrell and Shelly McNamara.

Your First Year Experience

On entering first year, you will be introduced to the idea of learning by doing. From the outset, there is a very direct relationship between acquiring knowledge and skills, and applying them. Short exercises are set in the studio to help you acquire skills of observation, analysis and understanding through the medium of freehand drawing and model making. As your skills in drawing, model making, surveying, scale and measurement develop, design projects of increasing complexity are introduced in which these skills can be applied.

You will be involved in creative endeavour – proposing, testing and developing design ideas. In fostering this creativity, there is a strong emphasis on group work and learning from your fellow students in a friendly and co-operative environment. Small class sizes, open-space studios, individual and small group tutorials all contribute to an exhilarating educational first year experience.

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

Exit with BArchSc (Hons)

International study abroad options

Specialised option modules

*Optional Year Out – Experience the world of work

Year 5

Achieve mastery of your practice

Research Dissertation

Reflective Portfolio

Design Thesis

Architectural Design

Professional Studies

Exit with MArch (Hons)

MArch (Honours)

Specialise through UCD graduate study

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]
 Planning, Development & Urban Design [taught]
 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.

"I found UCD's school of Architecture to be a unique educational environment. There exists a freedom of experimentation, an encouragement to question, to develop independent thinking and to ultimately resolve multi-faceted design issues.

The key to its success is its tutors and staff; award winning practicing professionals and academics that provide real insight, experience and knowledge in both the practical and theoretical realms of Architecture.

Going on to do the Masters in Architecture in UCD provided me with a variety of perspectives and tools to tackle the challenging and diverse nature of Architecture; skills that ultimately gave me the confidence to set up my own practice soon after graduating."

John Nolan Graduate



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're 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?

Throughout this degree, two main elements are taught each year: the design project and the lecture programme. The design project is based in our design studios and taught through a combination of lectures, individual tuition, field trips, group tutorials, large reviews and exhibitions [architectural design, drawing and model making].

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'll 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]
- Planning, Development & Urban Design [taught]
- Landscape Architecture [taught]

International Study Opportunities

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

We are the only college in Ireland with professional accreditation/substantial equivalency from RIAI, RIBA & NAAB.

Architecture

BSc [Architectural Science] [Hons]
[NFQ Level 8]
& MArch [NFQ Level 9]
or BArchSc [Hons] [NFQ Level 8]

CAO Code **DN100**

CAO Points Range 2018 487- 625

Length of Course 3 Years BSc [Architectural Science][Hons][NFQ Level 8] + 2 Years [MArch][NFQ Level 9] or 4 Years BArchSc [Hons][NFQ Level 8]

Places 57

For general entry requirements, see pages 191-199

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



Other courses of interest

Landscape Architecture	→189
Structural Engineering with Architecture	→183
City Planning & Environmental Policy	→190



Studying UCD Landscape Architecture

Year 1

Engage with the Principles

Landscape Architectural Design – Studio-Based Learning
The Rural and the Urban Landscape

Understanding Landscape

Land Use & Environment

Landscape & Plants

Landscape Architectural Technologies

Planning

Cell & Plant Biology

Archaeology

Year 2 & 3

Expand Your Knowledge

Landscape Architectural Design - Studio-Based Learning

Private & Communal Spaces

Green Infrastructure

Materials & Construction

Internship /Study Abroad

Landscape Theory & History

Landscape Ecology

Place Making

Landscape Architectural Technologies

Botany

Forestry

Architecture

Year 4

Deepen Your Understanding

Landscape Architectural Design - Studio-Based Learning
Landscape & Architecture - Landscape Architectural Thesis

Landscape Planning

Landscape Research

Planning Law

Landscape Architectural Technologies

Geography

Psychology of Landscape

Urban Design

Studying UCD City Planning & Environmental Policy

Year 1

Expand Your Knowledge

Planning

Planning & Development Studio

Introduction to Spatial Planning

Making the Irish Landscape

Environmental Policy

Environmental Change & Policy

Research Methods

Understanding Landscape

Design

Urban Design

History of City Planning

Inequality & Social Justice in Irish Society

Years 2 & 3

Deepen Your Understanding

Community Development & Planning

Rural Change, Development & Planning

Socio-Spatial Dynamics

Smart Cities

Housing Policy, Neighbourhoods & Homes

Achieving the Sustainable Development Goals

GIS

Urban & Regional Economics

Local Planning

Year 4

Shape Your Career

Masters in Regional & Urban Planning [MRUP]

Masters in Environmental Policy [MSc]

Masters in Urban Design & Planning [MSc]

Continue to develop your professional career with UCD...

"I found Landscape Architecture at UCD perfectly combines environmental & ecological studies, technical & technological approaches within a creative design studio. The close-knit nature of our studios allows for strong bonds to be created between students and staff. The panel of diverse and multidisciplinary staff have always tried their best to encourage, support and guide me in the right direction both academically and professionally. Not only did Landscape Architecture at UCD offer a solid foundation of knowledge and skills for my future career but also presented many once in a lifetime opportunities such as representing UCD on the global stage in EU led programs and entering international design competitions."

Yusra Aljohmani Student



Landscape Architecture

BSc (Hons) [NFQ Level 8]

CAO Code **DN120**

CAO Points Range 2018 354-578

Length of Course 4 Years [BSc] [Hons]

Places 27

For general entry requirements, see pages 191-199

Leaving Cert Subject Entry Requirements
06/H7 in English, Irish, Mathematics, and three 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

KEY FACT

UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture. This course is accredited by the Irish Landscape Institute [ILI] and recognised by the International Federation of Landscape Architecture [IFLA-Europe].

KEY FACT

In year 3, students have the opportunity to undertake an optional 6-8 month internship as part of their degree.



Other courses of interest

Architecture	→187
City Planning & Environmental Policy	→190
Forestry	→172
Horticulture, Landscape & Sportsturf Management	→173

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 and countryside, then Landscape Architecture is for you. This exciting programme 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'll use wherever you are, whatever you do in the future.

What will I study?

The design studio is central to Landscape Architecture. You'll spend most of your time in the studio, pursuing individual and small group project work. You'll 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 NGO's. 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 number of Master's programmes are 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.

International Study Opportunities

We encourage students to gain international experience and many of our students study abroad in Europe and worldwide as part of this programme.



City Planning & Environmental Policy

BSc (Hons) [NFQ Level 8]

CAO Code **DN130**

CAO Points Range 2018 362–507

Length of Course 3 Years
(+ 1 Year Master's programme)

DN130 Places 31

For general entry requirements,
see pages 191-199

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

Other school leaving examinations
See www.ucd.ie/admissions

Level 5/6 FETAC Entry Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

KEY FACT

This course is recognised by both the Royal Town Planning Institute (RTPI) and the Irish Planning Institute (IPI).



Other courses of interest

Geography	→68
Architecture	→187
Landscape Architecture	→189
Civil Engineering	→180
Agri-Environmental Sciences	→169



“By choosing to pursue Planning & Environmental Policy here at UCD, I have been exposed to a wide range of contemporary urban issues – from social inequality and cultural discrimination to urban housing crises and global economic disparities which are all paradoxical to the growth of cities and can be remediated through better planning. The degree equipped me with key analytical, mapping and design skills through lectures, studio projects and various field trips. Studying in UCD and pursuing my degree at the School of Architecture, Planning and Environmental Policy has been an invaluable experience for me and has prepared me to step up to future challenges as an urban planner.”

Chatnam Lee Graduate

Why is this course for me?

If you are interested in both the built and natural environment, and how human actions affect the environment, a degree in City Planning & Environmental Policy offers you a unique opportunity to further your interests. The degree integrates subjects that will deepen and broaden your understanding of environmental, social and economic issues, and sets these in a practical policy context.

A degree in City Planning & Environmental Policy provides you with strong analytical skills, as well as the ability to think critically about development and environmental issues. This degree provides the first steps to pursuing a career as a professional planner, urban designer or environmental policy expert.

What will I study?

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 programme, you will progressively gain insight into the complexity of our taken-for-granted world and how we can constructively 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.

The degree in City Planning & Environmental Policy includes modules in:

First Year

Introduction to Spatial Planning • Environmental Change & Policy • History of City Planning • Urban Design • Making the Irish Landscape • Inequality & Social Justice in Irish Society

Second Year

Local Planning • Community Development & Planning • Geographical Information Systems • Smart Cities • Urban & Regional Economics

Third Year

Housing Policy • Neighbourhood & Homes • Achieving the Sustainable Development Goals • Socio-spatial Dynamics

The modules are delivered in a variety of formats, including lectures, labs and studios. They comprise individual and team-based work and assessment, as well as end-of-trimester examinations.

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 in UCD: the Master of Regional & Urban Planning, the MSc in Urban Design and Planning or the MSc in 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

Erasmus exchange opportunities present an exciting range of choices for you to study abroad for a trimester or a full year, these include:

Université Joseph Fourier, Grenoble, France • University of Barcelona, Spain • City University of Hong Kong, Hong Kong • University of Connecticut, USA • University of Cagliari, Sardinia



www.ucd.ie/myucd/arch



UCD School of Architecture, Planning & Environmental Policy
Engineering and Materials Science Centre, Belfield, Dublin 4

eng.arch@ucd.ie
+353 1 716 1868

[youtube.com/UCDEngArch](https://www.youtube.com/UCDEngArch)

Applying to UCD

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Top Ten Tips for Applying to UCD

1

Talk to your guidance counsellor.

6

Fill out your CAO form online. [It's cheaper if you do it before 20 January.]

2

Study this prospectus and decide on a shortlist of the courses which interest you.

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.

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.

8

Ensure you apply for any relevant tests and submit additional documentation if necessary.

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.

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.

5

Include the courses which interest you, in your *genuine* order of preference.

10

Remember, there are alternative routes to many of our courses, such as QQI-FET entry.



What do I need to know before I apply?

Is there an age requirement?

Yes. You must be 17 years of age by 15 January following entry. For entry in 2020 your date of birth must be on or before 15 January 2004. 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 two weeks practical experience relevant to animal handling. For more information see: www.ucd.ie/registry/admissions/vet.html.
- In some cases mature applicants will need to take MSAP- Ireland. For graduate entry to Medicine or Veterinary Medicine GAMSAT is required. See the Mature and Graduate Entry sections on page 194 for details

Are there any special requirements for courses with clinical or professional placements?

Health Screening

Candidates for admission to Medicine [DN400, DN401], Radiography [DN410 and DN411], Physiotherapy [DN420], Biomedical, Health & Life Sciences [DN440], Nursing & Midwifery [DN450, DN451, DN452, DN453] and Human Nutrition [DN262] are required to undergo a

mandatory healthcare screening process prior to admission and from time to time thereafter, in accordance with a stringent healthcare screening policy. There are associated fees for these procedures. Students applying to these courses can find further information on these processes and policies and an up-to-date list of courses requiring screening at: www.ucd.ie/registry/admissions/healthscreen.html.

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 and Exercise Management [DN430]. Details are available at www.ucd.ie/vetting.

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.ucd.ie/registry/admissions/policies.html.

For more frequently asked questions, please see

www.ucd.ie/myucd/admissionsfaq

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:

- Gaeilge – Bonnleibhéal (Irish – Foundation Level) will not be accepted for Matriculation Registration purposes.
- Mathematics Ordinary Alternative/ Foundation Level will be accepted for Matriculation Registration purposes, but not as a substitute for the subject Mathematics in courses for which 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 email admissions@ucd.ie for advice with regard to acceptability and any exclusions which 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 [LCVP] Link Modules	Distinction	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.
- For entry in 2020, 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.ucd.ie/registry/admissions/DN400_HPAT.html.
- For scoring of pre-2017 Leaving Certificate examinations, please see: www.ucd.ie/registry/admissions/points.html.



A-Level/GCSE examinations

Minimum entry requirements

Grade C/4 or better at GCSE or passes at A-Level are required in six recognised subjects. Two of those six subjects must be grade C or higher at A-Level. Subjects must include relevant UCD course entry requirements. See www.ucd.ie/alevel for details.

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 points required to enter a UCD degree programme. A maximum of four A-Level (A2) or AS grades, not GCSE grades, will be considered for Leaving Certificate points comparison purposes. For most recent information see: www.ucd.ie/registry/admissions/alevel.html.

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 4 A-levels are presented, the 4th 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 4 A-level subjects from one academic year or their best 3 A-level subjects from one academic year plus one AS in a different subject from the same or the preceding academic year only.
- In 2020, 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.

Other school-leaving examinations

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.

Non-EU applicants

UCD welcomes applicants from non-EU countries. Further information on application and entry requirements is available at www.ucd.ie/global or from the UCD International Admissions Team (internationaladmissions@ucd.ie).

NB

If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD.



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, or 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, 2020**, but there is a reduced application fee for applications made prior to **20 January, 2020**.

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 www.cao.ie. The handbook is the critical guide to making a CAO application and goes through the relevant regulations and procedures in detail. All applicants should familiarise themselves with this handbook.

The closing date for receipt of late applications is **1 May, 2020**, 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 at: www.ucd.ie/admissions for details.

Contact

For full Admissions Policy and other relevant policies please see www.ucd.ie/registry/admissions/policies.html

Non-EU Applicants

UCD welcomes applicants from non-EU countries. Non-EU students are eligible to apply for admission to a limited number of places in all programmes except for Nursing courses.

Application is made via www.ucd.ie/international/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 International Admissions Team (internationaladmissions@ucd.ie).

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 fees status cannot be changed following admission.

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.

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.ucd.ie/registry/admissions/terms.html.

In the light of additional information which 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 Applications

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), which are being presented for assessment for entry to UCD, must be with UCD Registry Admissions or the CAO no later than the dates below:

Irish Leaving Certificate 2020: date of results issue c. 11 August.

A levels 2020: date of issue c. 13 August.

Other school-leaving exams (including previous years leaving cert or A-levels): 1 August.

Other applicants: Please see relevant sections. 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 rechecked 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.

Undergraduate Tuition Fees consist of the following three elements:

- Tuition Fees
- Student Contribution Charge
- Student Levy



Fees & Funding

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/Swiss Confederation students who:

- Are first-time undergraduates.
- Hold EU/EEA/Swiss Confederation nationality or official refugee status [see website for comprehensive list of categories].
- Have been ordinarily resident in an EU/EEA/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 2020 will be available from summer 2019, when fees are set by the Department of Education and Skills.

Student Contribution Charge

- As a guide, the Student Contribution Charge for 2019/20 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 Student Contribution Charge and 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 2019/20 is €254.

Grants

New entrants to the Higher Education Grants Scheme will be managed through the Student Universal Support Ireland (SUSI) system, rather than through individual County Councils, Local Authorities or VECs. Some continuing students (pre-SUSI) will be managed by their existing grant authority. 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 Cost € Nine months [academic year]
Rent (based on UCD Merville Accommodation rates)	850	7650
Utilities (Electricity/Gas/Bins/Internet)	35	315
Food	300	2700
Travel (monthly short hop ticket)	120	1080
Books & Materials	70	630
Clothes/Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	130	1170
Total	1570	14130

COST OF LIVING AT HOME

Expense	Monthly €	Annual Cost € Nine months [academic year]
Contribution to Bills	35	315
Food	100	900
Travel (monthly short hop ticket)	120	1080
Books & Materials	70	630
Clothes/Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	115	1035
Total	505	4545

Alternative Admissions 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 2020, your date of birth must be on or before **1 January, 1997**.

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. MSAP and 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 2020**. Some courses may accept late applications up to **1 May 2020** 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.

Please 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 seven days of the submission of the online application.

Contact us with your queries

For assistance with the application process, you can email: mature.students@ucd.ie 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, 2020**, and who are resident in the Republic of Ireland may apply to HEAR.

More information on HEAR is available from your school guidance counsellor or 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 200 modules across 25 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 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, 2020**.

Further information is available at <http://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 2020**) 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 15.

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.

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 2020 exams, mention them in your CAO Application and forward the results as soon as they are issued and not later than 1 August 2020.
- 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 193.

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 fees status cannot be changed following admission. Please contact www.ucd.ie/askus with any queries.

When does the UCD term start?

Lectures are scheduled to start on **7 Sept 2020**. However, there are also compulsory orientation events for first-year students in the previous week and you should expect to be on campus from **1 Sept, 2020**.

If I get a place, can I defer [take a gap year] before starting?

Yes, it is possible to defer entry to UCD for a year [except DN301]. Full details of the deferral procedures and terms and conditions are available at www.ucd.ie/registry/admissions/deferral.html and in the CAO handbook.

Please note: there is a limit on the number of deferrals which 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 this year will depend on when the upgrade is received and if places are available in the programme. If we are unable to offer this a deferred place will be given.

However we do not make offers after 30 September, 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/admissions/faqs.html

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Transport Links

The Belfield campus is located 4km from Dublin city centre on the N11. With over 7 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. UCD also has over 4,000 bicycle parking spaces and a secure bike parking area.

Over 25 bus routes serve UCD, taking you to and from the city, residential suburbs and beyond. The 145 route also offers a direct service to Heuston Station and the Luas Red Line. The 39a and 46a routes depart Belfield serving the city centre and have stops 10 minutes' walk from Connolly Station. The 175 route serves south west Dublin and interchanges with the Luas Green Line at Dundrum.

The local DART station at Sydney Parade is served by a UCD shuttle bus operating from Belfield during term time between the hours of 8am to 10am and 4pm to 6pm. The DART will take you north to Howth via the city centre and south to Greystones via Blackrock and Bray.

To fully plan your commute visit www.journeyplanner.ie and download the Android and Apple apps for real time information. UCD Students can obtain a Student Leap Card and save money on transport costs (bus, DART, Luas and train). Apply for the card on campus or online at www.studentleapcard.ie. Below is a list of routes serving UCD and nearby areas, at the time of going to print.

- 7B, 7D, 11, 17, 25x, 27x, 32x, 39A, 41x, 46A, 46E, 46N, 47, 51x, 66x, 67x, 77x, 84N, 84x, 116, 118, 142*, 145, 155, 175**

*to Portmarnock

- Walking distances
- 10 minute cycle distances
- 20 minute cycle distances
- Green Luas line and stations
- Red Luas line and stations
- DART line and stations
- DART feeder bus
- Bus routes
- Main roads

For motorists, UCD operates a paid permit parking system during term. Parking spaces are very limited during peak term times; 08:00 – 17:00 Monday to Friday and are available on a first come, first served basis. Holding a permit does not entitle the holder to a space or ensure space will be available. Students who live on campus in UCD Residences are not entitled to purchase a parking permit. Sanctions, including fines and vehicle clamping are in operation for illegal parking.

-  Dublin Bus Stop
-  Aircroach Bus Stop
-  Entrance
-  Parking
-  High Capacity Bike Parking

Traffic Times:

"Please note the following times below for vehicular traffic restrictions (cyclists unaffected):"

07.00 – 10.30 Mon – Fri
16.00 – 19.30 Mon – Fri

UCD Main Entrance (N11)

*The O'Reilly Hall hosts the Undergraduate UCD Open Day on Saturday 9th November 2019



Map of UCD Campus



VISIT US!

OPEN DAY
SATURDAY 9TH NOVEMBER 2019
10 AM - 4 PM

- Course Talks
- Mini Seminars
- Campus Tours
- Information Stands

Open to 6th Years, their parents, mature students, teachers, guidance counsellors.

Subject Events

A number of subject-specific events are held on campus throughout the year. For example, the Science Careers & Information Evening and the Experience Engineering programme.

www.myucd.ie/visiting-ucd

UCD CAO Information Evening

On Tuesday 7th January 2020 from 5pm to 7pm. Open to 6th years and their parents, mature students, teachers and guidance counsellors.

www.myucd.ie/visiting-ucd

School Groups & Individual Tours

We welcome individuals and school groups to campus from October to April each year. To book, log onto www.ucd.ie/myucd/campustours



OR WE CAN VISIT YOU!

School Talks:

From September to April each year, our school liaison staff are available to come to your school to talk about our range of courses and student life. To arrange a visit email schoolsliaison@ucd.ie or call + 353 1 716 1507.

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

Summer School, 2 - 5 June 2020:

An opportunity to experience university life. Aimed at students entering their final year in September 2020 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

Important Dates for Applicants

Circa 5 November 2019*

CAO applications for 2020 open

9 November 2019

UCD Open Day

20 January 2020

- Final date for CAO online discounted application fee of €30*

- Normal closing date for HPAT registration*

1 February 2020

- Normal CAO closing date at application fee of €45*

- Final date for CAO application on grounds of mature years for many courses

- Normal closing date for GAMSAT registration*

- Late closing date for HPAT registration*

Circa 3 February 2020*

Exceptional late closing date for HPAT registration

Circa 3 February 2020*

Normal closing date for MSAP registration

10 February 2020*

Late closing date for GAMSAT registration

Circa 17 February 2020*

Late closing date for MSAP registration

22 February 2020*: HPAT Test

5 March 2020:

Late application open - fee €60

7 and 12 March 2020*: MSAP Test

www.ucd.ie/maturestudents

21 March 2020*: GAMSAT Test

1 May 2020: CAO late closing date

Circa 5 May 2020*

CAO Change of Mind opens

1 July 2020

Closing date for CAO change of mind

Closing date for transfer applications and most non-EU applications [via www.ucd.ie/apply]

Early July 2020

Round of offers for mature students and deferrals

Early August 2020

Round of offers for mature students, Graduate Entry [Medicine and Veterinary Medicine] and QQI-FET offers

Mid August 2020*

CAO First Round Offers

1 September 2020:

Orientation Week

*Please note that the examination and registration dates, as well as the CAO application fees and offer dates listed above, are provisional at the time of going to print. Please check the websites for the relevant organisations [www.cao.ie, www.hpat-ireland.acer.edu.au, www.gamsat-ie.org, msap-ie.acer.edu.au]. A more detailed list of useful dates is available at www.ucd.ie/registry/admissions/dates.html.

Useful Contacts

Main UCD switchboard

Tel: +353 1 716 7777

Web: www.ucd.ie

To obtain further information on admissions procedures or fees and grants, contact **Student Desk**, UCD Belfield, Dublin 4

Web:

www.ucd.ie/askus

www.ucd.ie/admissions

www.ucd.ie/fees [for fees information]

www.ucd.ie/maturestudents

For details on accommodation, contact

UCD Residences

UCD, Belfield, Dublin 4

Email: residences@ucd.ie

Tel: +353 1 716 5772

Web: www.ucd.ie/residences

For information on matriculation, contact

National University of Ireland

49 Merrion Square, Dublin 2

Web: www.nui.ie

For CAO application forms, contact

Central Applications Office

Tower House, Eglinton Street, Galway

Web: www.cao.ie

For information on UCD Schools Liaison, contact the

UCD Schools Liaison Officer

Email: schoolsliasion@ucd.ie

Tel: +353 1 716 1504

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 Access & Lifelong

Learning, including Higher Education Access Route [HEAR], Disability Access Route to Education [DARE] and University Access courses and Open Learning, please contact the following

Email: all@ucd.ie

Web: www.ucd.ie/openingworlds

For students with a disability, contact

Email: disability@ucd.ie



For further information on your application please contact us. We will be happy to deal with your enquiry or direct you to the best person to answer your questions.

University College Dublin
An Coláiste Ollscoile,
Baile Átha Cliath

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