

UCD 2021

UNDERGRADUATE PROSPECTUS



University College Dublin
Ireland's Global University

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

Tel: +353 1 716 1555

Web: www.ucd.ie/myucd

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

WELCOME FROM THE PRESIDENT



PROFESSOR ANDREW DEEKS,
PRESIDENT, UACHTARÁN

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

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

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

UCD is a campus-based university and we are committed to delivering the best face-to-face teaching and campus experience possible within whatever public health restrictions apply at the time. The delivery of our programmes will be to the highest standards on which our reputation is based. UCD takes pride in our pastoral care and support, and we are committed to putting our students first. The world will take time to recover post-pandemic and we will play our part; through our education programmes, our research and our outreach to society.

UCD is Ireland's Global University, with over 8,400 students from 140 countries on campus. Our students can take advantage of an international experience that prepares them to take their place in the increasingly global society in which they will live and work.

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

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

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

Tá an timpeallacht oideachais anseo múnlaite 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.

Is ollscoil champas bhunaithe í UCD agus táimid tiomanta don teagasc is fearr aghaidh ar aghaidh agus don eispéireas is fearr ar champas agus is féidir a sholáthar laistigh de shrianta sláinte poiblí ar bith a bheidh i bhfeidhm ag an am. Déanfar ár gcláir a sholáthar ar na caighdeáin is airde ar a mbunaítear dea-chlú na hollscoile. Tá UCD bródúil as an tréadchúram agus as an tacaíocht a chuirimid ar fáil agus táimid tiomanta do thuis áite a thabhairt dár gcuid mac léinn. Nuair a bheidh an phaindéim thart, tógfaidh sé tamall don saol teacht chuige féin agus déanfaimid ár gcion féin; bíodh sin lenár gcláir oideachais, lenár gcuid taighde nó leis an gcaidreamh a dhéanaimid leis an tsochaí.

Is é UCD Ollscoil Dhomhanda na hÉireann, a bhfuil beagnach 8,400 mac léinn as 140 tír ar an gcampus. Is féidir lenár mic léinn leas a bhaint as eispéireas idirnáisiúnta a ullmhaíonn iad chun a n-áit a ghlacadh sa tsochaí atá ag éirí níos domhanda ina mairfidh siad agus ina n-oibreoidh siad.

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

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WHY STUDY AT UCD?

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 more than 8,400 international students from 140 countries and 42% 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. 94% 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 4,000 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 five libraries and the largest Peer Mentor programme of any university in Ireland.

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

TOP 1%

HIGHER EDUCATION INSTITUTIONS WORLDWIDE

(Webometrics July 2020)

1ST CHOICE

for Irish School Leavers

1ST CHOICE

for International Students

NO.1 IN IRELAND

for Graduate Employability
in 2018, 2019 & 2020

UNIVERSITY OF THE YEAR

Sunday Times
2020

NO. 1 IN IRELAND

US News Global
Universities Ranking 2020

32% of students from under-represented groups

133

hectares of
woodland campus

150+

sports clubs
and student
societies

4,000+

students living
on campus

8,400 international students from 140 countries

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

THE UCD EDUCATION

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



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

UCD is globally recognised for its excellence in teaching and learning. UCD is ranked number one in Ireland in 15 subjects. Four subjects are ranked in the top 50, 13 in the top 100 and 33 in the top 200 in the world (QS World University Ranking by Subject 2020).

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

This high quality of teaching is complemented by a **high standard of student support**. 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 three years, **UCD has ranked number one in Ireland for graduate employability.**



www.myucd.ie/why-ucd



UCD HORIZONS

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. This means that you can adapt your degree to your personal preferences. The University will guide you through your choices, helping to set you on your own learning path.

How does it work?

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

For example, if you are studying Commerce but you always had an interest in Psychology, you could choose to study some modules from the Psychology degree course. Similarly, if you are studying Engineering but you like languages and want

to study a little Spanish, you could choose your electives in Spanish. You do have to pass your elective modules to achieve your 12 modules (60 credits) per year.

Note, in some courses and/or stages, the 50/10 credit balance may vary. Also, the availability of modules is timetable dependent and subject to demand for spaces. Among the wide range of choices available, you will see exciting Discovery modules that look at current and future issues of national and global importance. These Discovery modules will combine teaching and learning across more than one subject, in areas where UCD is leading on international research.

 www.myucd.ie/applying-to-ucd/ucd-horizons



UCD Horizons is 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



WANT TO FIND OUT MORE ABOUT STUDENT LIFE?

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

SAMPLE STRUCTURE OF A 1-YEAR DEGREE

10

**CORE AND
OPTION MODULES**

in your degree course(s)

= 50 CREDITS

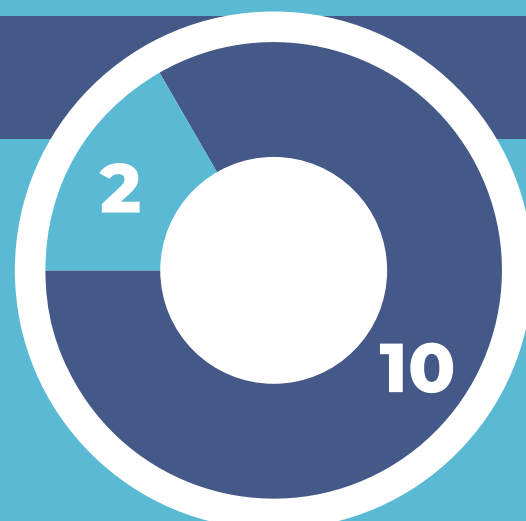


2

ELECTIVE MODULES

from within or outside
your degree course(s)

= 10 CREDITS



YEARLY TOTAL
12 MODULES = 60 CREDITS

IRELAND'S GLOBAL UNIVERSITY

UCD is ranked in the top 1% of higher education institutes worldwide. It is also the most diverse university in Ireland with more than 8,400 international students from 140 countries. This international context enriches the university experience for UCD students, equipping them with the tools to contribute pro-actively to the global community.

Study Abroad Opportunities

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

UCD Students can receive Erasmus grant funding for exchanges with partner universities in 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 seventeen 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. International students can keep up to date with news with over 350 international TV channels, including Sky Sports and ESPN, which can be viewed on one large screen. Wireless headsets are also available to listen to individual stations.

 www.ucd.ie/global/learningabroad/exchanges

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

750 UCD students went on exchanges for a semester or full year (2018/2019)



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

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



International Volunteering Opportunities

Established in 2003, UCD Volunteers Overseas (UCDVO) is a registered charity. It provides students, staff and graduates with the opportunity to participate in a year-long programme, which includes four weeks volunteering with one of UCDVO's partners overseas.

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 one-year commitment that includes a four-week placement overseas and a structured series of development education workshops, training and debriefing. Current project locations include India, Tanzania, and Uganda.

CAMPUS & FACILITIES

Life at university is not just about lectures and study, there is so much more to being a student at UCD. You will find that sports, clubs, societies and an active social life are vital ingredients of your university experience. The Student Centre and the Sports & Fitness Complex are the home of student life on campus and provide the most diverse range of student facilities of any university in Ireland.



Sports & Fitness Centre

UCD Students have access to two large state-of-the-art gyms completely free of charge, along with complimentary access to over 100 fitness classes per week. Students can also avail of the centre's 50m Olympic swimming pool and 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
- Two state-of-the-art-gym floors with dance, spinning and multiple gym programmes
- Sauna, steam room and jacuzzi
- Three multipurpose sports halls
- Four squash courts and a climbing wall
- Handball/racquetball alley
- Performance and squad gyms
- 17 natural grass pitches on campus
- Six synthetic five-a-side pitches
- Synthetic rugby pitch
- Synthetic GAA pitch and an 11-a-side soccer pitch
- National hockey stadium



www.ucd.ie/sport/facilities



Student Centre

The UCD Student Centre 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 and function room)
- Students union
- Poolside café



www.ucd.ie/studentcentre





CAMPUS ACCOMMODATION

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

Coming to live on campus at UCD as a first-year student is an exciting and liberating experience. To help you adjust to college life, UCD Residences give priority to first year students for on-campus places. Typically, over 1,000 first years are accommodated. This year, an extra 100 new rooms will be opening exclusively for first year students. 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 2020/21 academic years range from €6,982 to €12,450 (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 and social spaces
- On-site residential assistants and security

Residential Assistants

Each location has a team of Residential Assistants who are current students. They work closely with the Service Team to provide high quality, out-of-hours services for residents.

ResLife Programme

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



KEY FACT

1st Year Students get priority for on-campus accommodation

Contact Details:

Booking & Support Office, Merville Residences.

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

 www.ucd.ie/residences

SPORTS CLUBS

With nearly 60 official sports clubs, excellent facilities and a huge programme of fitness classes, there's something for everyone. So, make the most of your time at UCD, get involved, get active and have fun.

American Football

Archery

Athletics

Badminton

Basketball

Boat

Boxing

Camogie

Canoe

Caving & Potholing

Cricket

Cycling

Equestrian

Fencing

Gaelic Football

Golf

Handball

Hockey

Hurling

Judo

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Kite & Wake

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Snow Sports

Soccer

Squash

Sub Aqua

Surf

Swimming & Waterpolo

Table Tennis

Taekwondo

Tennis

Trampoline

Triathlon

Ultimate Frisbee

Volleyball

Windsurfing

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



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.

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

 societies.ucd.ie
 [@UCDSocieties](https://www.instagram.com/UCDSocieties)





LEARNING SUPPORTS

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

Writing Centre

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

 www.ucd.ie/writingcentre

Maths Support Centre (MSC)

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

 www.ucd.ie/msc

Libraries

Our network of libraries is 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



Cursaí Gaeilge/Irish Language Courses and Activities

Cuireann Gaeltacht UCD cursaí ar fáil ag cúig leibhéal maraon le himeachtaí cultúrtha. Gaeltacht UCD (UCD's Global Centre for Irish Language and Culture) provides courses in conversational Irish, from beginners to advanced levels as well as a range of cultural and social activities throughout the year.

 www.ucd.ie/bnag



IT Services

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

 www.ucd.ie/it

Applied Language Centre

We offer elective 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 13 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

 www.ucd.ie/alc

Innovation Academy

UCD Innovation Academy's mission is to provide a transformational education experience. We offer five 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. Participants gain key skills that are highly sought after by employers.

 www.innovators.ie/undergraduate-electives

STUDENT SUPPORTS

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





Peer Mentoring

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

Student Advisers

Student Advisers are dedicated staff members who are on hand to make your time at UCD as fulfilling and enjoyable as possible. From 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 students.

 www.ucd.ie/studentadvisers

Chaplaincy & Religious Worship

UCD Chaplaincy opens its doors and hearts to all who wish to avail of its support services. Chaplains are readily available to meet students in complete confidence on request.

St. Stephen's Chaplaincy Centre welcomes many individuals and groups from a variety of religious backgrounds who wish to celebrate and/or explore matters of faith and spirituality. For further details, including religious services, visit our facebook page: facebook.com/ucd.chaplaincy.

 www.ucd.ie/chaplaincy



Student Health Services

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

 www.ucd.ie/stuhealth



New Student Orientation

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



Students' Union

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 entertainment 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

CAREER DEVELOPMENT

At UCD, we are committed to helping you prepare for life after university. Whether you have a clear vision of what you want to do or are just beginning to look at your career options, UCD Careers Network is here to help. UCD is number one in Ireland for graduate employability. 94% of our recently surveyed honours degree students entered employment or graduate study within nine months of leaving UCD.



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

- Niamh McInerney, Head of Graduate Recruitment, PwC

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

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

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

Career & Professional Development within the curriculum

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

Career Coaching & Guidance

Initial 20-minute coaching slots are available Monday-Friday and on Wednesday evenings until 7:30pm (reduced hours apply at certain times of year). Consultations may be booked online via <https://careersconnect.ucd.ie>

Finding Jobs & Graduate Recruitment

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

Developing Your Skills

You can develop skills you lack, enhance skills you already have and learn how to articulate these in applications and interviews.

UCD Advantage Award

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



www.ucd.ie/careers



@UCDCareers



facebook.com/UCDCareers



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.



ON-LINE RESOURCES

2nd
YEAR



Explore the options...

In second year, it's time to start thinking about what you want to do. The UCD Careers Network will help you understand the range of national and international career opportunities available to you. They will be able to tell you what other UCD graduates from your programme went on to do.

CAREER COACHING & WORKSHOPS

Be prepared...

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



INTERNSHIPS

3rd
YEAR



Get work experience...

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

CAREER & RECRUITMENT FAIRS

Final
YEAR

Time to Apply...

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



ALTERNATIVE ADMISSIONS PATHWAYS

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

Outreach, Information & Guidance

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

Post-Entry Supports

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



KEY FACT

32% of UCD's undergraduate students are drawn from diverse under-represented groups including students with a disability, low income students, mature students, Irish travellers, part-time students, lone parents, refugees and asylum seekers and ethnic minorities.



KEY FACT

25% of all undergraduate places are reserved for the following admissions pathways: HEAR, DARE, QQI-FET, Mature.


Higher Education Access Route (HEAR)

An admissions scheme for school leavers under the age of 23 who are from under-represented socio-economic backgrounds and are resident in the Republic of Ireland. Students who meet the eligibility criteria can compete for a quota of places allocated to applicants on a reduced points basis.

 hear@ucd.ie


Disability Access Route to Education (DARE)

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

 dare@ucd.ie

QQI-FET

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

 admissions@ucd.ie

Mature Students

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

 mature.students@ucd.ie

 www.ucd.ie/maturestudents

University Access

This is a part-time preparatory course for students who are at least 22 years of age and wish to pursue a degree. This course allows mature students, who meet the required academic standards, guaranteed entry to the following programmes; Arts; Humanities, Social Sciences, Law (AHSSL), Science, Engineering, Agricultural Science and Medicine (SEAM).

Open Learning

Open learning allows you to fit college around your life. Open learning is a flexible way of studying part-time at UCD. It opens up hundreds of modules, with the opportunity to study for a qualification or for interest. Students can achieve a certificate or diploma in open learning and can progress to a number of degree programmes including: BA Arts (DN520); BA Humanities (DN530); BSc Social Sciences (DN700); BCL Law (DN600) and BSc Science (DN200).

 www.ucd.ie/openlearning

Lifelong Learning

Lifelong Learning courses are open to all adult learners and provide a unique opportunity to explore a subject without exams. Courses are participative, engaging and cover a range of topics including Art Appreciation, Irish Studies, History, Literature, Philosophy and Writing.

 www.ucd.ie/lifelonglearning

Contact Details:

UCD Access & Lifelong Learning Centre
1st Floor, James Joyce Library Building.

E: all@ucd.ie T: 01-716 7123 www.ucd.ie/all



HEAR Scheme

It was great to have entry route support available to me as it helped remove some pressure. The support doesn't stop upon entry. It's been there for me since my first day. I am in my third year studying genetics and

I absolutely love it. It's so interesting studying the different aspects of genetics and UCD has so many great resources. I love UCD because there really is something for everyone here with its wide choice of societies, clubs and events. I work in the UCD Access and Lifelong Centre in a variety of roles and am currently Auditor of the UCD Gospel Choir.

- Favour Ogundare, Student, Science



DARE Scheme

I chose UCD for its approach to those who have a physical disability. I had visited many other universities and UCD stood out for its compassion and flexibility when it came to students who suffered from

various health issues. I feel right at home coming to UCD, getting involved with the Science Society, later joining the committee and doing extensive charity work with the team, making friends with people I will know for a lifetime. The warmth and levity the UCD atmosphere provides is something that I've only ever found here, and it's the reason I love it so much.

- Owen Johnson, Student, Astro Physics



Life Long Learning

In 2000, I discovered Lifelong Learning in UCD, I started with 'Walks-and-Talks'. On that first Saturday, we gathered together at City Hall and set off to walk Dublin's streets. From the Viking era, through the centuries, to the

present day the tutor conjured up a living past. I was hooked! Lifelong Learning, for me, has been an amazing journey from a curious beginner to an intensely interested student. Perhaps, coming later in life to this wonderful experience, has made it all the more valuable and so tremendously exciting.

- Jean McEvoy, Lifelong Learner



Access Course

I chose this pathway as I was looking for a way to get back to education. Having never had the opportunity to obtain a third-level degree, I have always had a longing to pursue further education. The University Access

course has been the perfect way for me to do just that. The course builds up your confidence and skills and helps you achieve more than what you thought was possible. The variety of modules offered has prepared me for further study. In doing this course, I have discovered that your age doesn't matter and life experience is very valued in UCD.

- Alan Casey, Student, University Access Course

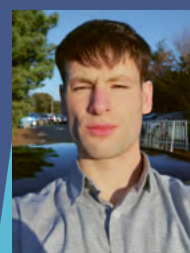


QQI-FET

I applied through the QQI-FET pathway having completed a QQI Level 5, Business Studies Certificate. I was determined to study Commerce in UCD and so I was willing to put in the work for one more year. What I love about

my course is the broad exposure to many different business modules. You can choose the ones you'd like to specialise in for your final year. The facilities are also second to none in the Lochlann Quinn School of Business with study spaces, presentation studios, a data analytics lab with Bloomberg terminals and studios for collaborative workspaces. I am currently a member of the UCD Investors & Entrepreneurs Society, attending many events with this society.

- Calvin Kearns, Student, Commerce



Mature Student

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

- Shane Black, Graduate, University Access Course

SCHOLARSHIPS & AWARDS

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

Entrance Scholars

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

 www.ucd.ie/scholarships

University Scholars

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

 www.ucd.ie/scholarships

Awards, Prizes & Medals

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

 www.ucd.ie/scholarships

President's Awards

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

 www.ucdsocieties.com/presidentawards

Universitas 21 Scholarship

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

 exchange@ucd.ie

Global Excellence Scholarship

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

 www.ucd.ie/global

Cothrom na Féinne Scholarship

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

 www.ucd.ie/all

Scoláireachtaí Ghaeltacht UCD / UCD Irish Language Student Residence Scheme

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

 www.ucd.ie/bnag



AD ASTRA
ACADEMY

THE AD ASTRA ACADEMY

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

 www.ucd.ie/adastraacademy

Academic Ad Astra Scholars

Awarded on the basis of the academic criteria of six HIs in the first sitting of the Leaving Certificate (or international 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 1 Feb to 22 Aug 2021. 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 31 Jan 2021. Students should also complete their CAO forms by 1 Feb for undergraduate admissions. Graduates apply directly to UCD.

 www.ucd.ie/adastraacademy/performingarts

Elite Sports Ad Astra Scholars

The programme supports prospective and current students who are competing and succeeding at the highest sporting levels. Please refer to the website for minimum standards of entry in relevant sports. Applications must be made online no later than 31 Jan 2021. Students should also complete their CAO forms by 1 Feb for undergraduate admissions. Graduates applications to apply directly to UCD.

 www.ucd.ie/adastraacademy/elitesports



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

Sport Scholarships

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

 www.ucd.ie/sport/scholarships

Choral Scholarships

Ireland's leading collegiate choir offers 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/orchestra

 **YouTube: UCD Choral Society**

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



Clodagh Reilly, Ad Astra Performing Arts Scholar & Medical Student.



Evan Lynch & Ali McMahon, Ad Astra Performing Arts Alumni & English with Drama Graduates.



Hasitha Perera, Ad Astra Academic Scholar & Structural Engineering with Architecture Student.



ARTS & HUMANITIES

UCD Arts and Humanities is Ireland's leading centre for research, creative and critical practice and innovation. English Language & Literature and History, are ranked within the World Top 100 (QS World Rankings 2020). We provide a first-class education across 27 different subjects, which can be studied through three distinct BA degrees: Joint Honours (two subjects); Humanities; and Modern Languages.

Our students develop disciplinary expertise and in-depth subject knowledge. In addition, they acquire a wealth of invaluable transferable skills, including: research, critical thinking, analysis, synthesis, creativity and communication. We offer the opportunity to develop your career ambitions through a suite of employability initiatives and modules that will empower you to navigate the rapidly evolving

job market and to find your future. Our graduates play a vital role in intellectual, cultural and business life in Ireland and work in senior roles across a broad spectrum of industries, including: journalism, culture, public sector, law, communications and innovation.

(Pictured: 2019 Performance by Ad Astra Performing Arts Drama Scholars at the Frank McGuinness symposium.)

Humanities - DN530 (4 year)

This is an innovative, interdisciplinary and multi-subject degree that offers 13 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.

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.

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.

ARTS AND HUMANITIES

Humanities

- 43 » Classics, Art History & Archaeology
- 44 » Classics, English & History
- 45 » English, Drama & Film
- 46 » English with Creative Writing
- 47 » English Literature
- 48 » European Studies
- 49 » Global Studies
- 35 » History
- 50 » History & Politics
- 38 » Irish Studies
- 51 » Languages, Linguistics & Cultures
- 52 » Music, Film & Drama
- 53 » Teanga, Litríocht & Aistriúchán/Irish Language, Literature & Translation

Joint Honours

- 64 » Archaeology
- 27 » Art History
- 28 » Celtic Civilisation
- 29 » Classics (Greek & Roman Civilisation, Latin & Greek)
- 30 » Drama Studies
- 31 » English
- 32 » Film Studies
- 33 » French
- 66 » Geography
- 34 » German
- 35 » History
- 67 » Information & Communication Studies
- 36 » Irish/Gaeilge
- 37 » Irish Folklore
- 38 » Irish Studies
- 39 » Italian
- 40 » Linguistics
- 123 » Mathematics
- 41 » Music
- 68 » Philosophy
- 71 » Sociology
- 42 » Spanish
- 125 » Statistics
- 54 » Modern Languages

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 then choose the two subjects they want to study from the available combinations.

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.																									
	Archaeology	Art History	Celtic Civilisation	Drama Studies	English	Film Studies	French	Geography	German	Greek	Greek & Roman Civilisation	History	Information & Communication	Irish/Gaelige	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.

International Study Abroad

UCD offers you the opportunity to study abroad with 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.

Specialise

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

- Brian Coffey, Student



Why is this course for me?

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

What will I study?

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

First Year

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

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

Second & Final Years

Students have the opportunity to develop an increasingly in-depth visual and critical understanding of the history of art, crossing over boundaries of media, chronology and geography. Typical modules include: The Modern to the Contemporary · European Architecture 1300-1900 · Perspectives on Irish Art: From Medieval to Modern · History and Theory of Photography · Islamic and Indian Art · Rome: Caput Mundi · Georgian Dublin · Genre Painting in the Age of Vermeer · Women in

Architecture & Design since 1850 · From Constantinople to Istanbul: Art, Faith, Politics.

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

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

International Study Opportunities

Opportunities to study abroad include:

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

Graduate Study

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

Careers

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

ART HISTORY

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

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:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Art History as a minor

• Archaeology • Sociology

Other courses of interest

43 » Classics, Art History & Archaeology

54 » Modern Languages

www.myucd.ie/art-history

UCD School of Art History and Cultural Policy

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CELTIC CIVILISATION

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

CAO CODE: DN520

BA Joint Honours

 CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Celtic Civilisation as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

 CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

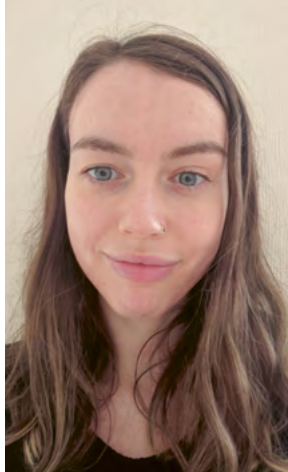
• O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes

Same as above

Studying Celtic Civilisation as a minor

• Archaeology



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

- Jessika Brandon, Graduate

Why is this course for me?

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

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

What will I study?

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

First Year

First year modules introduce students to key topics in Celtic Civilisation.

Modules include:

Introduction to Celtic Civilisation • The British Celts • Vikings in the Celtic World • Early Ireland: Continuity & Change • Introduction to Early Irish • Introduction to Welsh

Second and Final Year

Students will deepen their understanding of Celtic Civilisation.

Modules include:

Poets, Power & Performance • Fortunes of the Celtic Languages • Literacy & Language in Early Ireland • The Study of Folklore: Origins & Development • Social Life & Legend • Celticity: Who are the Celts? • Kings & Heroes of Early Ireland • Folk Religion & Belief • Myth & Tradition • Music & Words: Identity in the Irish Context • Calendar Custom

Welsh

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

Early Irish

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

International Study Opportunities

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

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

Graduate Study

Graduates are also prepared for further studies in a wide range of Linguistic, Historical and Literary fields including taught masters in the UCD School of Irish, Celtic Studies & Folklore: MA Irish Folklore & Ethnology and MA Irish Studies.

Careers

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

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

www.myucd.ie/celtic-civilization

UCD School of Irish, Celtic Studies and Folklore

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Other courses of interest

38 » Irish Studies

The Latin course at UCD has allowed me to access the language with no prior study of the language and equipped me with the skills necessary to translate and analyse complex texts and passages. Pairing this with Greek and Roman Civilisation meant that I was also able to examine Ancient Greece and Rome, through a range of modules taught in translation (though, dipping in and out of the original texts proved helpful!). The school has some truly excellent lecturers and tutors with a wide range of interesting and challenging modules.

- Oscar McHale, Student



Why is this course for me?

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

Greek & Roman Civilisation • Latin • Greek

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

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

What will I study?

Greek and Roman Civilisation

First Year

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

Second & Final Years

Alexander the Great • Greek Tragedy • Heracles, the Hero • Greeks, Romans, and Barbarians • The Athenian Empire • Classics in Popular Culture • The Oedipus Myth • Pompeii • Eating & Drinking in Antiquity • Family Life in Ancient Greece • Magic in the Ancient World

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

Latin

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

Greek

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

International Study Opportunities

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

Graduate Study

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

Careers

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

Key fact

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

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

i CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Greek & Roman Civilisation as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

i CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Greek & Roman Civilisation as a minor:

• Archaeology

Other courses of interest

43 » Classics, Art History & Archaeology

44 » Classics, English & History

www.myucd.ie/classics-greek

UCD School of Classics

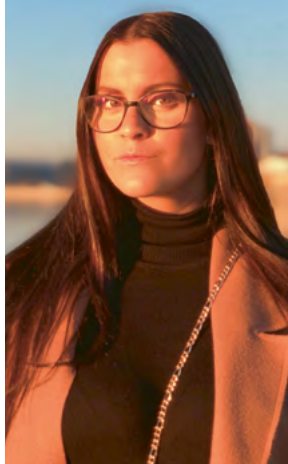
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DRAMA STUDIES

BA (Hons) (NFQ Level 8)



Drama Studies at UCD has challenged me to grow as an individual. The opportunity to live and study abroad in Dublin has enhanced my experience through theatre visits, guest lecturers, interesting modules and a research project which, is giving me the chance to develop my own ideas and understandings. This course has expanded my knowledge; I have gotten to know many people from different backgrounds and lecturers who strongly encourage me. After my degree I hope to continue my career as an actor.

- Esperanca Soler Planas, Student

CAO CODE: DN520

CAO Points Range 2019: 336-601

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Drama Studies as a joint major:

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

Why is this course for me?

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

What will I study?

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

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

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

Drama Studies modules include:

First Year

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

Second Year

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

Third Year

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

International Study Opportunities

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

Graduate Study

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

Careers

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

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

www.myucd.ie/drama

UCD School of English, Drama and Film

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Other courses of interest

45 » English, Drama & Film

47 » English Literature

52 » Music, Film & Drama

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, Student



Why is this course for me?

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

What will I study?

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

First Year

Introduction to World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre: The Art of Criticism & the Craft of Writing • How to Read Poetry • Contemporary Dystopian Fiction • Children's Literature • Writing the Body • Comics & Fantasy • Introduction to Canadian Studies • Literature & 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 & Society • Global Science Fiction • Masculinities & Manhood • Contemporary Irish Women's Poetry • Global Eco-Literature • Making Shakespeare • Literature & Science • The Crime Novel

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

International Study Opportunities

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

Graduate Study

Choose from a wide range of MA options including:

Creative Writing, Literature and Culture (with strands in American, Gender, Sexuality and Culture, Medieval, Modern & Contemporary, Renaissance) Film Studies and Writing for Stage & Screen.

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

Careers

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

Key fact

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

ENGLISH

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying English as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying English as a minor:

- Geography
- Sociology

Other courses of interest

47 » English Literature

46 » English with Creative Writing

45 » English, Drama & Film

www.myucd.ie/english

UCD School of English, Drama and Film

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FILM STUDIES

BA (Hons) (NFQ Level 8)



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. Additionally, I had the chance to spend the third year of my BA studying abroad in Amsterdam, which allowed me to experience a whole new culture. I am now on a year long placement with the New York Times London bureau as a news assistant, while freelancing with RTÉ. This would never have been possible without the incredible tutelage I have received from the Film Department in UCD.

- Anna Joyce, Graduate

CAO CODE: DN520

CAO Points Range 2019: 336-601

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

DN520 Places: 420

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Film Studies as a joint major:

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

Why is this course for me?

Media literacy is a vital 21st century skill and the cultivation of such literacy is at the centre of this course. Students are encouraged to make connections between cinematic and televisual forms, to deepen their knowledge of screen cultures and, in particular, to ask serious questions about how representation, culture and politics interrelate.

If you have a passion for media, this degree provides a unique opportunity for you to acquire key interpretive skills and hone your ability to make critically reasoned arguments.

Film Studies will give you the tools to better understand how all the things we think of as entertainment actually create the world in which we live.

What will I study?

You will study classical and contemporary film, television and other media, and engage with relevant critical writing, building awareness of media in social, cultural, historical and theoretical contexts.

You will explore politics, history and economics, social and cultural change in action. Modules include:

First Year

Introductions to Film & Media (including case studies in digital innovation, film, television, and other media forms) • Global Media • Film Style • Film Sound

Second Year

Film & TV Genres: Horror or Action/Adventure • Mediated Identities: Documentary & Social Change • Production Culture: TV History • National Cinemas: Irish Film & TV; Global Bollywood; the French New Wave

Third Year

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

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

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

International Study Opportunities

We have links with:

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

Graduate Study

Graduates are prepared for a wide range of master's courses offered in the School of English, Drama & Film, including: Creative Writing, Literature & Culture (with strands in American; Gender, Sexuality & Culture; Medieval; Modern & Contemporary; Renaissance); Film Studies, Writing for Stage & Screen. See www.ucd.ie/englishdramafilm/study/postgraduate for more details.

Careers

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

www.myucd.ie/film-studies

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Other courses of interest

30 » Drama Studies

47 » English Literature

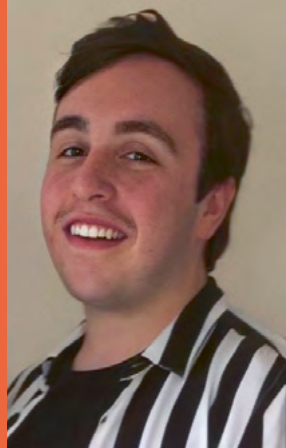
46 » English with Creative Writing

45 » English, Drama & Film

52 » Music, Film & Drama

I chose to study French due to the diversity of modules available, with a highly-qualified teaching faculty and the variety of options to study abroad. My French degree in UCD allows me to study a wide range of areas, from language and literature to philosophy, history and linguistics. My time at UCD has been incredibly beneficial and I look forward to developing my expertise in French language, literature and culture.

- David Irving, Student



Why is this course for me?

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

We strongly encourage our students to spend a year abroad as part of their degree in order to graduate with a BA International. Studying abroad is a valuable experience, which enables you to perfect your language skills and immerse yourself in a different culture. 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 French language, literature and culture, developing your linguistic and critical skills across our three-year or four-year degree options.

First Year

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

Second Year

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

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-trimester written assignments, project work and end of trimester exams.

International Study Opportunities

Students undertaking DN520 BA Joint Honours are encouraged to spend an additional year abroad at one of our 17 partner universities across France, Belgium, Switzerland and Canada, graduating with a four-year BA Arts International. Universities we have links with include:

La Sorbonne, Université de Montréal, Université de Bordeaux III, Université de Genève, Université Libre de Bruxelles, Université de Nice, Université de Toulouse, Université de Lyon and many more!

Graduate Study

A BA in French may also lead to further study, such as the UCD MA in Modern Languages, or other programmes such as European Studies, International Relations or Translation.

Careers

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

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

FRENCH

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendation

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

Studying French as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying French as a minor:

• Politics & International Relations

Other courses of interest

54 » Modern Languages

51 » Languages, Linguistics & Cultures

80 » Law with French Law

www.myucd.ie/french

UCD School of Language, Cultures and Linguistics

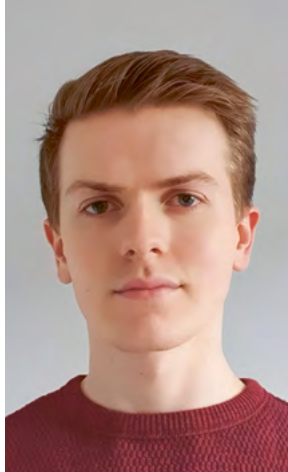
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GERMAN

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



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

- Sean O'Keeffe, Graduate

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: 336-601

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

DN520 Places: 420

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendation

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

Studying German as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying German as a minor:

• Politics & International Relations

Why is this course 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?

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

First Year

German Language • 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 • Grimms' 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 and group work will also feature.

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

International Study Opportunities

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

Bayreuth, Berlin (FU), Erfurt, Erlangen, Graz, Konstanz, Leipzig, Münster, Munich, Potsdam, Vienna, Würzburg.

Graduate Study

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

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

Careers

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

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

www.myucd.ie/german

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Other courses of interest

54 » Modern Languages

51 » Languages, Linguistics & Cultures

Studying History has allowed me to learn about the unique societies, cultures and politics of many different countries in both broader and more specific contexts. It is a subject that develops your critical thinking skills and can inform every aspect of your life. Core modules always consist of interesting and engaging projects that really delve deeper into topical subjects using a wealth of available resources and I have found all the lecturers, tutors and staff of the School of History to be extremely knowledgeable, helpful and understanding.

- Rebecca Bermingham McGuire, Student



Why is this course for me?

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.

What will I study?

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

DN520 Joint Honours Degree

Students who take History as a Joint Honours three-year degree can study History combined with a wide range of different subjects. Explore the past, examine a wide range of periods and topics from around the globe and study the different ways that the past can be understood.

DN530 Single Subject History

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

First Year

First year offers a broad choice of subject areas that range from medieval to modern European, American and Irish History. Modules include: 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 study in a small group with a historian, to develop essential critical research and analytical skills.

Second Year

In second year, you begin to specialise in the areas of History that you are most interested in, focussing on particular countries, themes, and periods. Modules include: Islam & Christianity in the Middle Ages • Nazi Germany • The French Revolution • Northern Ireland: 1920–2010 • Early Modern Europe: 1450–1800 • China: Since 1600

Third Year

You deepen your historical interests through our small-group specialised research-based courses. In weekly two-hour seminars, you will engage in primary source research, deliver class presentations and write your own research project. You have the option of studying abroad and if you are studying single subject History you can apply for a competitive internship.

Modules include: Twentieth Century Genocide & Mass Violence • The Rise, Fall & Rise of Modern Japan • Medicine, Culture & Society • Memory & Commemoration • Slavery & the New World • The Irish Revolution • Machiavelli, Michelangelo & the Medici • Orwell's Twentieth Century

Assessment

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

International Study Opportunities

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

Graduate Study

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

Careers

Journalist, Civil Servant, Archivist, Heritage & Tourism, Social Media and more.

HISTORY

BA (Hons) (NFQ Level 8) - DN520

BA (Hons) (NFQ Level 8) - DN530

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

i CAO Points Range 2019: **336–601**
Length of Course: **3 years**
(4 years BA International)
DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying History as a joint major:

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

CAO CODE: DN530

BA Humanities

i CAO Points Range 2019: **348–541**
Length of Course: **4 years**
DN530 Places: **250**

General Entry Requirements

see pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

CAO CODE: DN700

BSc Social Sciences

i CAO Points Range 2019: **388–579**
Length of Course: **4 Years**
DN700 Places: **500**

Leaving Cert Subject Entry Requirements

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

Entry Routes

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

Other courses of interest
50 » History & Politics
44 » Classics, English & History

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IRISH/GAEILGE

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



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

- Conall Mac Dhonnagáin, Student

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: 336-601

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

DN520 Places: 420

General Entry Requirements

See pages 197 - 204

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:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Irish as a minor:

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

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

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

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

Cad atá i gceist?

I measc na gcúrsaí a chuirtear ar fáil tá:

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

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

Deiseanna Gairme agus Staidéir 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 muinte ar fáil do mhic léinn: MA/ Dioplóma larchéime sa Nua-Ghaeilge agus MA/Dioplóma 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
- Johannes Gutenberg-Universität, Mainz
- Concordia University, Montréal

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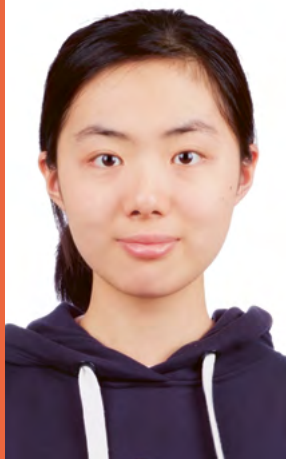
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Other courses of interest

53 » Teanga, Litríocht & Aistriúchán / Irish Language, Literature & Translation

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

- Lily He Zhou, Student



Why is this course for me?

Studying folklore involves the exploration of traditional popular culture, in the past and in the present. It is primarily concerned with the history and culture of ordinary people, and with the evolution and role of tradition at a vernacular level. As an academic discipline, Folklore (or ethnology) involves the exploration of oral literature, social tradition, material culture, popular belief and practice, as well as traditional music and song.

It explores the dynamics of communal memory and of culture as a collective phenomenon. It looks at the nature of popular tradition and the way in which such tradition is transmitted, usually outside of official channels and often across vast distances of time and space. This course investigates Irish Folklore as a local expression of international cultural phenomena, making the subject particularly suitable for international students.

What will I study?

First Year

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

Modules include:

Introduction to Folklore • Folklore & the Imagination

Second & Final Years

Irish Folklore is taught in lectures, with additional tutorials in several modules. Classes are in English. Prior knowledge of the Irish language is not required, however, students will find it beneficial in some areas of the subject. Modules include:

The Study of Folklore: Origins & Development • Material Culture • Social Life & Legend • The Narrative Art • Healers & Healing • Music & Words: Identity in the Irish Context

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

International Study Opportunities

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

Graduate Study

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

Careers

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

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

Key fact

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

IRISH FOLKLORE

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

i CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

see pages 197 - 204

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:

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

CAO CODE: DN700

BSc Social Sciences

i CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Irish Folklore as a Minor with:

- Archaeology

Other courses of interest
35 » History

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IRISH STUDIES

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN530

CAO CODE: DN520

CAO Points Range 2019: 336-601

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

DN520 Places: 420

General Entry Requirements

See pages 197 - 204

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:

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

CAO CODE: DN530

CAO Points Range 2019: 348-541

Length of Course: 4 Years

DN530 Places: 250

General Entry Requirements

See pages 197 - 204

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



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

- Declan Nugent, Student

Why is this course 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 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

First Year

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

Second & Final Years

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

Third Year

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

Assessment is through a combination of written examinations and continuous assessment, including essays, portfolios, online tasks, presentations and independent research projects.

International Study Opportunities

Exchange opportunities available to third year students include:

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

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

Graduate Study

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

Careers

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

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Other courses of interest

28 » Celtic Civilisation

38 » Irish Folklore

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

- Rob McMahon, Graduate



Why is this course for me?

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

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?

First Year

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

- Italian language 1A (beginners) • Italian language 1B OR 1B (non-beginners) • Making Italy

Second and Final Years

You will deepen your understanding of Italian with in-depth modules, including:

- Italian Language 2A • Italian Language 2B • Italian Short Stories • Reading Italian Literature • Italian Cinema 1940s - 1960s • Dante, Petrarch & Boccaccio • Italian Language 3A • Italian Language 3B • Politics & Morals in Renaissance Italy • Interwar Culture & Poetry • 20th Century Italian Women Writers • The Story of Italian 2: Modern Age & Today • Research in Italian

You will have the opportunity to study abroad for your third year.

Language modules are taught in small groups, and literature and culture modules are taught through both lectures and tutorials.

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

International Study Opportunities

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

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

Graduate Study

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

Careers

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

ITALIAN

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

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:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes Same as above

Studying Italian as a Minor with:

- Sociology
- Politics & International Relations

Other courses of interest

54 » Modern Languages

51 » Languages, Linguistics & Cultures

www.myucd.ie/italian

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LINGUISTICS

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

i CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Linguistics as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

i CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

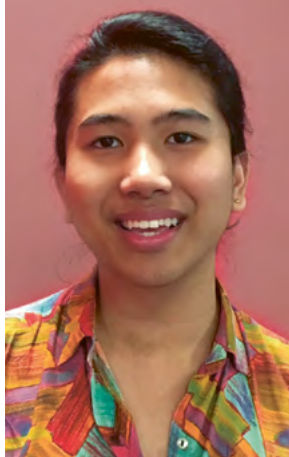
• O6/H7 in English, Irish, Mathematics and three other recognised subjects

Entry Routes

Same as above

Studying Linguistics as a Minor with:

- Geography
- Philosophy
- Sociology
- Politics & International Relations



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

- Jason Andres, Graduate

Why is this course for me?

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

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

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

What will I study?

First Year

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

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

Modules include:

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

Second & Final Years

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

Language Variation & Change • Language Disorders • Endangered Languages • English as a World Language • Intercultural Communication • The Corpus-based Study of Language • Syntax 2 • Phonology • Meaning in Language • Minority & Endangered Languages • English as a World Language • Translation • Sociolinguistics 2

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

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

International Study Opportunities

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

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

Graduate Study

Some of these careers may involve graduate study beyond linguistics, but students can also pursue MA and PhD studies in one of the many areas of linguistics, as well as related areas such as cognitive science, computer science or sociology.

Careers

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

- Speech and Language Therapy
- Language Teaching
- Editing and Publishing
- Journalism
- Social Media
- Business
- Advertising
- Software Development
- Database Analysis

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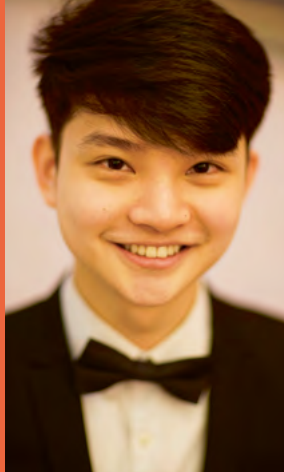
Other courses of interest

54 » Modern Languages

51 » Languages, Linguistics & Cultures

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

- Ee Ann Ho, Student



Why is this course for me?

Music is a universal form of expression, one that captures our imagination in countless ways. In UCD, we equip students with the skills necessary to understand a wide variety of musical practices. Study music in UCD if you love performing, listening to, and talking about music.

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

What will I study?

First Year

Modules include:

Writing about Music • 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, independent rehearsals, and through ensemble study and practice. Students are assessed through a mixture of exams, dissertations, group presentations, continuous assessment, recitals and concerts.

There are five professionally-directed ensembles in UCD that students can take part in for credit:

Ad Astra Chamber Orchestra, UCD Choral Scholars, UCD Gamelan Orchestra, UCD Philharmonic Choir, and UCD Symphony Orchestra. Auditions for our performing ensembles take place during the first two weeks of the trimester.

BMus

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

International Study Opportunities

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

Graduate Study

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.

Careers

Music graduates have a range of skills including research, critical thinking and writing, enabling them to pursue careers in: Performance, Music Industry, Journalism, Media, Arts Administration, Music Education, Academia, Music Therapy.

Performance Scholarships

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

MUSIC

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendation

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

Studying Music as a joint major:

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

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Music as a Minor with:

• Information & Communication Studies

Other courses of interest
52 » Music, Film & Drama

www.myucd.ie/music

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SPANISH

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

CAO CODE: DN520

BA Joint Honours

i CAO Points Range 2019: **336-601**

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

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendation

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

Studying Spanish as a Joint Major with one of the below:

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

CAO CODE: DN700

BA Joint Honours

i CAO Points Range 2019: **388-579**

Length of Course: **4 years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Spanish as a Minor with:

- Politics & International Relations



Spanish in UCD is a truly diverse experience: 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, Student

Why is this course for me?

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

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

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

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

What will I study?

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

First Year

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

Second & Final Years

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

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

International Study Opportunities

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

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

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

Graduate Study

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

Careers

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

www.myucd.ie/spanish

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Other courses of interest

54 » Modern Languages

51 » Languages, Linguistics & Cultures

When I was deciding what degree to do I was conflicted because I could not find anything that combined all my interests. When I discovered this course I was delighted, as it perfectly combines three subjects that I love, creating a unique opportunity. While studying I have had so many opportunities to travel and work; I travelled to Greece with Classics, Paris with Art History and this summer I am going to Frankfurt to do an archaeological dig. Next year I am going to Amsterdam on the Erasmus programme. I love my course and I would recommend it to anyone who loves travelling and meeting new people.

- Iseult Devaney, Student



CLASSICS, ART HISTORY & ARCHAEOLOGY

BA (Hons) (NFQ Level 8)

Why is this course for me?

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

What will I study?

Classics is the study of the history, literature and material culture of the Greek and Roman Mediterranean from the Bronze Age to Late Antiquity. It is a subject that inspired the Renaissance and remains central to understanding modern European culture and society.

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

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

First Year

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

Second Year

You will take an interdisciplinary core module based in UCD Special Collections and choose a wide range of modules across the three subjects, such as: Alexander & His Successors • Early Roman

Empire • Greek Comedy • Islamic & Indian Art • The Age of Michelangelo • History and Theory of Photography • Archaeology of Landscapes • Archaeological Science • Archaeological Field Skills

Third Year

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

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

Fourth Year

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

International Study Opportunities

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

Graduate Study

This course prepares students for graduate study in many areas including: Classics, Art History, History, Film, Drama, Media Studies, Cultural Studies, Education, Archives, Cultural Policy and Arts Management. Graduates are also eligible for MLitt and PhD programmes in Classics, English and History.

Careers

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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

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
44 » Classics, English & History

www.myucd.ie/classics-english-history

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CLASSICS, ENGLISH & HISTORY

BA (Hons) (NFQ Level 8)



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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

Do you want to develop a deep understanding of human experience in Europe and its associated cultures from earliest times to the very present? Do you want to explore issues of memory, truth, curiosity and understanding that have fascinated people at all times and at all places? This 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 subjects of Classics, English and History will be consolidated by small-group tuition in cross-disciplinary modules on issues such as cultural transmission, intertextuality, the history of ideas and political thought.

First Year

You will take a dedicated interdisciplinary module, Interpreting Evidence, and you will choose from the full range of modules in Classics, English and History, including: Classical Greece • Age of Augustus • War & the Hero (Homer and Virgil) • Classical Myth • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading/Creative Writing • Modern Europe • Creating History • Modern Ireland • Rome To Renaissance

Second Year

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

History Today • French Revolution • Islam & Christianity • Northern Ireland • Early Modern Europe

Third Year

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

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

Fourth Year

Undertake a research dissertation drawing on the disciplines studied and choose from a range of modules including: Modern Japan • Orwell's Twentieth Century • Making Shakespeare • Apocalypse Then: Old English Literature • Magic in the Ancient World • Pompeii

International Study Opportunities

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

Graduate Study

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

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

Careers

A strong focus on the fluent articulation and analysis of ideas means students on this course will gain numerous transferrable skills, highly valued by employers. These can be applied to a wide range of industries including: Business, Arts and Heritage, Civil Service and the Media.

www.myucd.ie/classics-english-history

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Other courses of interest

43 » Classics, Art History & Archaeology

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 two years.

- Raphael Adams, Student



Why is this course for me?

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

What will I study?

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

First Year

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

Second Year

You will take an interdisciplinary core module based in UCD Special Collections and choose from a range of modules including: Critical Theory • Reading Medieval Literature • Renaissance Literature • Romantic Literature • Action Adventure Cinema • Staging Performance • Contemporary Ireland on Stage • From Victorian to Modern • Twentieth Century Drama • Film & TV Genres: Horror or Action/Adventure • Mediated Identities: Documentary & Social

Change • Production Culture: TV History • National Cinemas: Irish Film & TV; Global Bollywood; the French New Wave

Third Year

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

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

Fourth Year

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

International Study Opportunities

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

Graduate Study

Graduates are prepared for a wide range of MA, MPhil and PhD courses within the UCD School of English, Drama & Film.

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

Careers

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

ENGLISH, DRAMA & FILM

BA (Hons) (NQF Level 8)

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

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
52 » Music, Film & Drama

www.myucd.ie/english-drama-film

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ENGLISH WITH CREATIVE WRITING

BA (Hons) (NFQ Level 8)



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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

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

What will I study?

You will study the work of a wide range of writers, focusing on how they create their works. You will learn how characters are constructed, how to handle dialogue, how to manage time and sequencing and many other elements about the craft of writing, 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 • Introduction to World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre

As well as a range of English with Creative Writing modules students will benefit from an additional subject stream.

Options include: Drama Studies • Film Studies • French • German Beginners • German Non-Beginners • Greek & Roman Civilisation • History • Irish Studies • Music • Spanish Beginners • Spanish Non-Beginners

Second Year

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

Third Year

You will choose from a range of options

that will enable you to broaden your horizons and enrich your academic experience:

- Apply for a competitive internship in an area that interests you and/or relates to your area of study
- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying in-depth Creative Writing modules including: Poetry Workshop • Fiction Workshop • Creative Non-Fiction Workshop

Students will also choose from a wide range of specialist English modules such as Making Shakespeare • Gender & Sexuality in the 18th Century • Austen's Peer • 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.

International Study Opportunities

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

Graduate Study

We offer a wide range of postgraduate courses, including: the MA and MFA in Creative Writing. See www.ucd.ie/englishdramafilm/study/postgraduate for more details.

Careers

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

www.myucd.ie/english-creative-writing

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Other courses of interest

45 » English, Drama & Film

47 » English Literature

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.

- Asia Hart-Eason, Graduate



ENGLISH LITERATURE

BA (Hons) (NFQ Level 8)

Why is this course for me?

Are you an enthusiastic reader and writer who wants to immerse yourself in literature ranging from Old English to new writing being published today? Do you want to explore the radical potential of novels, plays and poems 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 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 twenty-first century – writing that extends across national boundaries and regions, from British and Irish to American and 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: Introduction to World Literature • Literature & Crisis • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading / Creative Writing • Literature and the Marketplace

Second Year

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

Third Year

You will choose from a range of options that will enable you to broaden your

horizons and enrich your academic experience:

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

Fourth Year

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

International Study Opportunities

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

Graduate Study

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

Careers

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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

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

48 » English with Creative Writing

46 » English, Drama & Film

www.myucd.ie/english-literature

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EUROPEAN STUDIES

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

• In order to study French, we strongly recommend that you have a H4 or higher at Leaving Certificate level.

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

- Mairead Barrett, Student

Why is this course for me?

European Studies is an exciting and challenging new UCD pathway for 2021, taught by some of Ireland's leading academics. Transnational and interdisciplinary in perspective, the course is designed both to inspire in-depth exploration of the rich and varied cultures and histories of Europe, and to equip students with valued skills in research, communication, and language.

What will I study?

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

First Year

Modules include: Approaches to European Studies 1 • Modern Europe • Rome to Renaissance: Medieval Europe • German History on Screen • Renaissance Italy • French Fictions • Language modules

Second Year

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

Third & Fourth Year

In your third year you will study abroad for either a trimester/year to develop your language skills and immerse yourself in a new culture. If you study abroad for a semester, you then have a range of options that will enable you to broaden your horizons and enrich your academic experience:

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

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

International Study Opportunities

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

Graduate Study

Graduates are prepared for a wide range of taught MA Programmes in the fields of Arts and Humanities such as: MA in European History • MA in Modern Languages • MA in Linguistics and Applied Linguistics • MA in Public History • MA in International War Studies • MA in Cultural Policy and Arts Management. Graduates are also prepared for MPhil and PhD study. See www.ucd.ie/graduatestudies

Careers

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

www.myucd.ie/european-studies

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Other courses of interest

49 » Global Studies

51 » Languages, Linguistics & Cultures

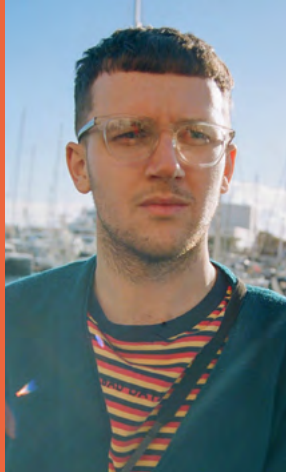
54 » Modern Languages

50 » History & Politics

35 » History

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

- Ronan Hennigan, Student



Why is this course for me?

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

What will I study?

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

First Year

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

Second Year

Modules include: Approaches to Global Studies 2 • The Making of the Modern Middle East • Modern Migration • Modern American Literature • Global Bollywood • Intercultural Communication • Language modules

Third & Fourth Year

In your third year you will study abroad for either a trimester/year to develop your language skills and immerse yourself in a new culture. If you study abroad for a semester, you then have a range of options that will enable you to broaden your horizons and enrich your academic experience:

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

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

International Study Opportunities

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

Graduate Study

Graduates are prepared for a wide range of taught MA Programmes in the fields of Arts and Humanities such as: MA in Global History • MA in International War Studies • MA in Environmental Humanities • MA in European History • MA in Modern Languages • MA in Linguistics and Applied Linguistics • MA in Public History • MA in Cultural Policy and Arts Management. Graduates are also prepared for MPhil and PhD study. See www.ucd.ie/graduatestudies


Careers

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

GLOBAL STUDIES

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

 CAO Points Range 2019: **348-541**
Length of Course: **4 years**
DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, a third language and three other recognised subjects
- In order to study French, we strongly recommend that you have a H4 or higher at Leaving Certificate level.

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

48 » European Studies
50 » History & Politics
35 » History

www.myucd.ie/global-studies

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HISTORY & POLITICS

BA (Hons) (NFQ Level 8)



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

- Sophie O'Leary, Student

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

History and Politics is a classic combination of subjects for students looking to investigate the workings of government and society in contemporary and historical perspectives. You will examine why society has changed and seek to understand the issues facing societies across the globe today. Through both subjects, the course will teach you the essential skills of writing, critical thinking, evaluating evidence, and assessing data. This programme offers excellent interdisciplinary preparation by combining historical research with political science and political theory.

What will I study?

You will study Irish, European, and world history, engaging with political, cultural, social, and economic aspects of history, and investigating historical change, from the impact of ideas to the role of class, gender, and race. You will also study International Relations and a variety of political issues including political conflict, development, human rights, and political economy, always with a focus on the role of government, public policy, and citizens.

First Year

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

Second Year

All students will take the Special Collections module, which gives you the opportunity to work with archival materials in UCD. Building on basic research skills developed in first year, the module provides structured support to help you develop more advanced skills in the field of archival research. You will also 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 choose from a range of options that will enable you to broaden your horizons and enrich your academic experience:

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

Fourth Year

Students take option modules in both subjects in fourth year. The culmination of the 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.

International Study Opportunities

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

Graduate Study

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

Careers

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

www.myucd.ie/history-politics

UCD School of History

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Other courses of interest

35 » History

69 » Politics & International Relations

84 » Law with History

As a language student, linguistics has not only been a fascinating subject to study but it has also complemented my language learning immensely. Studying linguistics has introduced me to a wide range of disciplines; this year alone I've taken linguistic modules ranging from Introduction to Translation, to Sociolinguistics, to Second Language Acquisition. Next year I will study abroad in Lyon as part of the Erasmus programme, where I will continue my studies of languages and linguistics through French. Due to the remarkably dedicated staff members and diverse course content, I highly recommend Languages, Linguistics & Cultures to anyone with an interest in languages.

- Rebecca Duffy, Student



LANGUAGES, LINGUISTICS & CULTURES

BA (Hons) (NFQ Level 8)

Why is this course for me?

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

What will I study?

You will focus on specific oral and written language skills and critical intercultural and interdisciplinary skills. The course enables you to explore modern and ancient languages and cultures. Learning activities critically explore communicative practices and you will engage with a variety of approaches to language including approaches based on literary, linguistic, historic and cultural studies. The course fosters a wide range of transferable skills, including active communications skills, academic writing, speaking and presentation skills, project work and critical analysis skills.

First Year

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

Second Year

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

Third Year

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

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

- Study abroad for a trimester/year to develop your language skills and immerse yourself in a new culture
- Deepen your knowledge by studying a dedicated range of Languages, Linguistics and Cultures modules.

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.

International Study Opportunities

Study abroad opportunities across Europe and worldwide:

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

Graduate Study

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

Careers

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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**
Length of Course: **4 years**
DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

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

MUSIC, FILM & DRAMA

BA (Hons) (NFQ Level 8)



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

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendation

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

Why is this course for me?

Music, Film and Drama are art forms that speak to the very core of human experience; they impact our lives every day. This 4-year 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 course builds students' vocabulary and fluency in key analytical techniques and introduces students to the cultural and historical contexts of music, film and drama. Second year modules broaden the scope of inquiry, moving from central texts and practices to the representation of lesser-known voices and issues. In your third and fourth years of the course, you will forge your own path, taking modules that focus on specific genres and/or issues in these art forms. You can also choose to incorporate a one-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 & Reception • Intro to Physical Theatre • Musicianship • The Theatrical Event • Introduction to Film & Media (including case studies in digital innovation, film, television and other media forms) • Music, Culture & Society • Theatre Context & Conventions • Film Sound • Performance Electives

Second Year

Producing Music, Film & Drama • Popular Music & Culture • Staging Performance • European Cinema • Documentary & Ethnography • Music History Since 1750 • History of TV • Irish Theatre • Action Adventure Cinema • Musics of the World

• Performance Electives • UCD Special Collections: Archival Research Methods

Third Year

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

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

Fourth Year

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

International Study Opportunities

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

Graduate Study

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

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

Careers

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

www.myucd.ie/music-film-drama

UCD School of Music

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Other courses of interest

45 » English, Drama & Film

46 » English with Creative Writing

41 » Music

32 » Film Studies

30 » Drama Studies

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, Graduate



TEANGA, LITRÍOCHT & AISTRIÚCHÁN (IRISH LANGUAGE, LITERATURE & TRANSLATION)

BA (Hons) (NFQ Level 8)

CAO CODE: DN530

 CAO Points Range 2019: **348-541**

 Length of Course: **4 years**

DN530 Places: **250**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

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Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Cén fáth go n-oirfeadh an clár seo dom?

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

Cad iad na hábhair a ndéanfaidh mé staidéar orthu?

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

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

Bliain 1

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

Bliain 2

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

Bliain 3

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

Bliain 4

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

Measúnú

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

Deiseanna Gairme agus Staidéir

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

Tá cáil ar an Ghaeilge i UCD as feabhas i dtaighde agus i dteagasc ag leibhéal fochéime agus iarchéime a neartú. Taobh le féidearthachtaí do MLitt agus PhD is féidir le mic léinn leanúint le MA: Scríobh & Cumarsáid agus MA sa Nua-Ghaeilge. Ghnóthaigh mic léinn ó na cúrsaí seo scoláireachtaí Fulbright agus Fondúireacht Cheanada-Éireann mar chomhaltaí teagaisc sna Stáit Aontaithe agus i gCeanada.

Other courses of interest

36 » Irish/Gaeilge

51 » Languages, Linguistics & Cultures

www.myucd.ie/irish

UCD School of Irish, Celtic Studies & Folklore

bairbre.nichonchuir@ucd.ie

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MODERN LANGUAGES

BA (Hons) (NFQ Level 8)



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, Graduate

CAO CODE: DN541

 CAO Points Range 2019: **348-589**

 Length of Course: **4 years**

DN541 Places: **50**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations:

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

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

Second Year

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

Year Abroad

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

Fourth Year

One intercultural module • Continuation of the languages chosen in second year • Option modules as above.

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

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

International Study Opportunities

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

- Germany
- Austria
- France
- Belgium
- Switzerland
- Canada
- Italy
- Spain
- South America

Graduate Study Opportunities

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

Careers

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

- Translation & Interpreting
- Politics & Public Service
- Journalism
- Education
- Finance
- Marketing & Business
- Creative & Media Industries

www.myucd.ie/modern-languages

UCD School of Languages, Cultures and Linguistics

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Other courses of interest

51 » Languages, Linguistics & Cultures

94 » Commerce International

SOCIAL SCIENCES

BSc (Hons) DN700

60 » Archaeology, Geography & History

61 » Computational Social Science

62 » Economics, Mathematics & Statistics

63 » Philosophy, Politics & Economics

Two Subject Combination (Majors)

64 » Archaeology

65 » Economics

66 » Geography

35 » History

67 » Information & Communication Studies

123 » Mathematics

68 » Philosophy

69 » Politics & International Relations

70 » Social Justice

71 » Sociology

125 » Statistics

65 » ECONOMICS (SINGLE MAJOR)

BSc (Hons) DN710

75 » PSYCHOLOGY

BSc (Hons) DN720

72 » SOCIAL POLICY & SOCIOLOGY

BSocSc (Hons) DN750

74 » Social Policy



SOCIAL SCIENCES

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.



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 trimester in year three.

International Study Opportunities

As Ireland's global university, we encourage our students to apply to study for a trimester 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 65 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 75 for more details.

BSocSc Social Policy & Sociology - DN750

This three-year BSocSc Social Policy & Sociology degree is a Joint Major in Social Policy & Sociology. This degree was previously named the BSocSc in Social Sciences. Graduates often progress to further study to become social workers or work in Public Policy. When you apply for this degree via the CAO, you choose DN750 BSocSc Social Policy & Sociology. See page 72 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 trimester. 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:

Archaeology,
Geography &
History

Computational
Social Science

Economics,
Mathematics &
Statistics

Philosophy, Politics
& Economics

Two Subject
Combination

Two Subject Combination (TSC)

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

Studying Archaeology

as a Joint Major with one of the below:

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

OR with one Minor subject

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

Studying Economics

as a Joint Major with one of the below:

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

OR with one Minor subject

Irish	German
Chinese	

Studying Geography

as a Joint Major with one of the below:

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

OR with one Minor subject

English	Linguistics
Geology	Irish
Greek & Roman Civilisation	History

Studying Information & Communication Studies

as a Joint Major with one of the below:

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

OR with one Minor subject

Music	Irish
-------	-------

Studying 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	

ARCHAEOLOGY, GEOGRAPHY & HISTORY

BSc (Hons) (NFQ Level 8)

CAO CODE DN700

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

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 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

Why is this course for me?

This pathway brings together the archival strengths of History, the spatial expertise of Geography, and the materials-based approaches of Archaeology to develop understandings of how people and the landscape shape each other. 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 sciences 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

Graduates may wish to continue their study through Master's or PhD programmes in any of the three subject or related areas, such as: World Heritage Management, Urban Environment & Risk, Resilience & Sustainability.

International Study Opportunities

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

www.ucd.ie/myucd/socsc

UCD School of Geography
Newman Building, Belfield, Dublin 4
geography@ucd.ie
facebook.com/UCDGeography

Other courses of interest

64 » Archaeology
193 » Architecture
66 » Geography
35 » History

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 that 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



COMPUTATIONAL SOCIAL SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN700

 CAO Points Range 2019: **388-579**

 Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics and three other recognised subjects
- In order to study this degree, we strongly recommend that you also have at least a Grade H4 in Leaving Certificate mathematics, or equivalent.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

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

What will I study?

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

First Year

The first year includes core modules in: Computational Social Science • Programming • Statistical Modelling & Linear Algebra. In addition, students choose three modules each in two social science subjects: Sociology • Politics • Economics • Geography • Elective module

Second Year

The second year includes further courses in Probability Theory • Programming • Calculus and modules in your two social sciences subjects, as well as options from a range of other subjects.

Third Year

The third year provides the opportunity for students to apply for a trimester abroad at another leading university in Computational Social Science and an internship with an industry partner.

Fourth Year

The fourth year includes an interdisciplinary workshop and a quantitative research project, 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 trimester, small group work, individual reports, traditional exams and other forms of assessment.

Career & Graduate Study Opportunities

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

International Study Opportunities

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

Other courses of interest

134 » Computer Science

62 » Economics, Mathematics & Statistics

www.ucd.ie/myucd/socsc

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ECONOMICS, MATHEMATICS & STATISTICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN700

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Special Entry Recommendations:

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents



I always enjoyed maths at school but liked the idea of studying economics and statistics too, given that the three subjects complement each other and provide variety in my learning. UCD's electives offer even more variety, I chose a module in Classical studies. The combination of subjects gives a thorough knowledge of both the theoretical and practical sides of maths and its applications, making it perfect for someone like myself who intends working in the finance sector. The UCD staff are incredibly helpful when things get difficult academically, this support allows me to continue playing hockey here in UCD.

- Hazel Hourigan, Student

Why is this course for me?

If you are interested in Mathematics, Statistics and Economics, then this course will enable you to explore these areas in depth, while also emphasising how they complement each other. Economists employ mathematics to design theoretical models and use statistics to test these models and shed light on the tremendous amount of data that is generated by the economy. In turn, the models and data that are part of the study of economics provide an interesting source of applications for students that have learned mathematical and statistical skills.

What will I study?

You will study Economics, Mathematics and Statistics, providing you with a solid foundation in all three subjects. You will also be given the opportunity to specialise in the latter stages of your degree, for example, in applied economics, advanced statistics, mathematical modelling of complex processes, or developing "Big Data" skills.

Through your study, you will develop skills in data analysis, and be supported in the development of your analytical and problem-solving skills, as well as in the application of these skills to understanding real economic issues. The degree will provide a structured approach to developing skills of analysis, problem design and resolution using mathematics, economic theory, data analysis and statistical methods.

First Year

Introduction to Economics • Principles of Microeconomics • Principles of Macroeconomics • Practical Statistics • Statistical Modelling • Calculus • Linear Algebra 1 • Combinatorics & Number Theory • Introduction to Programming • Elective module

Second Year

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

Third & Fourth Year

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

Assessment

Assessment is through a combination of end-of-trimester written examinations, projects and continuous assessment.

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire in this degree are highly prized in a range of professions, in both private and public sectors, including banking, finance, accounting, management consultancy, broadcasting, business, journalism, teaching and communications.

Many students pursue graduate study in Economics, Mathematics or Statistics, leading to Master's and PhD degrees. Both the School of Economics and the School of Mathematics and Statistics offer Master's programmes aimed at further developing analytical and professional skills. Postgraduate qualifications are necessary to work as a professional economist.

International Study Opportunities

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

www.ucd.ie/myucd/socsc

Professor Gary McGuire
UCD School of Mathematics and Statistics
gary.mcguire@ucd.ie
facebook.com/MyUCD

Other courses of interest
65 » Economics

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



PHILOSOPHY, POLITICS & ECONOMICS

BSc (Hons) (NFQ Level 8)

Why is this course for me?

PPE provides a broad and deep understanding of how a society works, and indeed how international society works. It examines the complex economic and political forces in play, the problems of measuring and assessing the health of society, and the principles of justice that should guide political decision-making to improve society. PPE will teach students how to read beyond media headlines, and where to find more information about the hot policy questions of the day, in national and international contexts.

What will I study?

PPE provides a thorough grounding in all three disciplines that are core to the social sciences. The 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 a combination of mid-term and end-of-term assignments in economics. Innovative online assessment will also be used throughout. There will be an option to write a final-year research project.

Career & Graduate Study Opportunities

PPE programmes are scattered throughout many of the top universities in the world, attracting the best and most ambitious students and educating cohorts of politicians, civil servants, journalists and managers. All three disciplines share a commitment to rigour and problem-solving that will develop useful skills for any career—skills such as research, analysis, written expression and interpreting data. Graduates may pursue a specialist Master's degree in Philosophy, Politics or Economics or progress to various interdisciplinary Master's degrees in related subjects.

International Study Opportunities

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

CAO CODE: DN700

 CAO Points Range 2019: **388-579**

 Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

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 during Trimester 1 of your first year before taking the core module "Introduction to Quantitative Economics" in Trimester 2.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

ARCHAEOLOGY

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520



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

- Michala Nagyova, Student

CAO Code DN700

BSc Social Sciences

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

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:

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

OR

Studying Archaeology with a minor:

- Art History
- Celtic Civilisation
- Chinese
- Greek & Roman Civilisation
- Geology
- Irish Folklore
- Irish/Gaeilge

OR

Studying Archaeology within a pathway:

- Archaeology, Geography & History

CAO Code DN520

BA Joint Honours

CAO Points Range 2019: 336-601

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

Why is this course for me?

If you study Archaeology, you will see the world, time and the human condition in an entirely new way. Archaeology is a uniquely multidisciplinary subject, using all sources of evidence from the past, from ancient manuscripts to the scientific analysis of plants, animals and materials. Through undertaking Archaeology as a degree, you will learn how to assess, explain and make connections between different types of evidence, enabling you to develop a deeper understanding about the past. You will also develop practical skills valued by employers, such as report writing, teamwork, presentation, communication and analytical skills.

What will I study?

You will study through a combination of lectures, tutorials, seminars, field trips and practical engagement.

First Year

In first year, you will engage with Archaeology as a subject. No prior knowledge is assumed. Modules include: Exploring Archaeology • The Human Past • Introduction to the Archaeology Ireland • Introduction to Anthropology. All first-year social sciences students also study a core module, Societal Challenges in the Twenty First Century • + 1 other subject • Elective modules

Second Year

In second year, we will build on the knowledge you gained in first year and explore how various approaches to Archaeology allow us to develop a better understanding of the past. Modules include: Archaeology of Things • Landscape Archaeology • Prehistoric & Historic Archaeology • Archaeological Science • + 1 other subject • Elective modules

Third Year

You will have an opportunity to deepen your knowledge of Archaeological themes. During this year, you can apply for an internship or to study abroad for a trimester or year. Modules may include: Archaeology of Food • Ancient Technologies • Hunter Gatherers • Early Medieval Europe • Environmental Archaeology • + 1 other subject • Elective modules

Fourth Year

Fourth year is designed to give you more ownership of your archaeological learning. Amongst other modules, there will opportunities to engage with archaeological research.

Assessment

We use a variety of assessment methods, e.g. continuous assessment in the form of essays, projects, group work, oral presentations and reports. Each mode of assessment is designed to support your learning through the 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.

www.ucd.ie/myucd/socsc

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Other courses of interest

60 » Archaeology, Geography & History
44 » Classics, Art History & Archaeology

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

- Frank Heffernan, Student



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 one elective modules.

Second Year

Joint-Major students will be introduced to data analysis and statistical modelling and will take intermediate modules in microeconomics and macroeconomics. Single-Major students will select from optional modules designed to build on core skills, including: Optimisation for Economics, Introduction to Financial Economics and an Economic Research Workshop, plus Elective modules.

Third Year

In their final year, Single-Major students will undertake an Economics Research Workshop and deepen their technical knowledge by taking advanced modules in econometrics, microeconomics and/or macroeconomics. They also have access to optional field modules such as health economics, money and banking, public economics and elective modules.

Joint Major students can apply to undertake an internship or to study abroad for a trimester or year.

Fourth Year

In their final year, Joint-Major students choose modules that deepen their technical knowledge and can specialise in their preferred economic fields by appropriately choosing optional modules.

Assessment

Teaching takes place in lectures and tutorials, with students also participating in small group classes to work on group projects and presentations. A combination of end-of-trimester written examinations and continuous assessment is used.

Career & Graduate Study Opportunities

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

International Study Opportunities

Student exchanges are available with the following universities: Tilburg, the Netherlands; Namur, Belgium; La Sapienza, Rome, Italy, as well as with partner universities in North America, Asia, Australia and Europe, including: University of California, Santa Cruz, University of California, Berkeley, University of Melbourne, Australia.

ECONOMICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN710

BSc Economics

CAO Points Range 2019: **476-555**

Length of Course: **3 Years**

DN710 Places: **45**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H5 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Economics as a joint major:

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

OR

Studying Economics with a minor:

- Irish/Gaeilge
- Chinese
- German

OR

Studying Economics within a pathway:

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

Other courses of interest
95 » Economics & Finance
83 » Law with Economics

www.ucd.ie/myucd/socsc

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GEOGRAPHY

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Geography as a joint major:

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

OR

Studying Geography with a minor:

- English
- Geology
- Greek & Roman Civilisation
- History
- Irish/Gaeilge
- Linguistics

OR

Studying Geography within a pathway:

- Computational Social Science
- Archaeology, Geography & History

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: 336-601

Length of Course: 3 Years

DN520 Places: 420

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Geography as a joint major:

- Art History
- English
- History
- Irish
- Music



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 course for me?

Geography is the only discipline that combines the study of both the natural and social worlds and their interaction, and is key to solving global problems such as climate change, poverty, migration, urbanisation and environmental management. Do you want to make sense of this highly complex world and become an informed global citizen? Do you want to learn IT, field and laboratory techniques highly valued by employers such as Geographical Information Systems (GIS)?

By studying Geography in UCD, you will understand the context in which environmental, socio-cultural and politico-economic decision-making takes place and develop skills that prepare you for the workplaces and societies of tomorrow.

What will I study?

First Year

Topics include: Geography Matters • Mapping a Sustainable World • Dynamic Earth • People, Places & Regions • + 1 other subject • Elective module

Second Year

Topics include: Introduction to GIS for the Social Sciences • Field Studies in Ireland • Global Historical Geographies • Rivers, Estuaries & Coasts • Weather, Climate & Climate Change • Quaternary Environmental Change • Political Geography • Cities in a Global World • + 1 other subject • Elective modules

Third Year

Topics include: Projects in GIS • Social/Population Geography • Multi-media Methods for Social Sciences • Overseas field trip • Environment & Sustainability • Development Geographies • The Quaternary of Ireland • Global Risks & Resilience • River Catchment Management • Research Skills • +1 other subject • Elective modules

BSc Geography students may apply in their third year to do an internship or study abroad.

Fourth Year

BSc Geography students may choose from a range of specialist topics and undertake intensive research skills, including completing a substantial research project.

These include: Planetary Geomorphology • The Urban Environment • Historical Geography of Ireland • Environmental Assessment • US Foreign Policy • Projects in GIS • Political Geography of EU Integration • Dissertation • Future Proofing Earth • Confronting the Apocalypse

Assessment

Geography is taught through lectures, tutorials, labs and fieldwork in Ireland and overseas, and includes independent reading and study. Assessment is generally a combination of continuous assessment, tutorial or laboratory participation and end-of-trimester exams.

Career & Graduate Study Opportunities

Our graduates have found employment as:

- GIS specialists working with local government agencies and private industry (e.g. ESRI, ICON).
- Researchers and policy analysts with Teagasc, ESRI, NGOs and governmental departments.
- Planners in both local government and private sector consultancies.
- Educators at primary and secondary level, as well as in high-profile national and international universities.
- In other varied organisations such as Google, Habitat for Humanity, Deloitte and property consultancies.

Many Geography graduates continue with further study of their discipline or proceed directly to Master's degrees in social or environmental sciences, law, or business.

International Study Opportunities

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

www.ucd.ie/myucd/socsc

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Other courses of interest

72 » Social Policy & Sociology
193 » Architecture
99 » Sustainability: Social Sciences, Policy & Law

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



Why is this course for me?

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

What will I study?

First Year

All first-year social sciences students study the core module, Societal Challenges in the Twenty First Century. Additional modules may include: Information & Social Media • Digital Technology • Digital Judgement: Truth, Lies & the Internet • Information, Society & Culture • + 1 other subject • Elective module

Second Year

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

Third Year

The Digital Self • Information Ethics • Digital Storytelling • Web Publishing • Information Architecture: Designing the Web • Web UX Evaluation • Cultural Diversity & Media • + 1 other subject • Elective modules • Study Abroad Opportunity • Internship Opportunity

Fourth Year

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

Assessment

Students attend lectures and tutorials and undertake independent study and project work. Assessment is through a combination of end-of-trimester 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.
- MSc Digital Policy is designed to prepare graduates for careers in evaluating, implementing and studying core topical, theoretical and methodological issues that arise in digital policy today.

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

International Study Opportunities

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

INFORMATION & COMMUNICATION STUDIES

BSc (Hons) (NFQ Level 8)

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Information & Communication Studies as a joint major:

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

OR

Studying Information & Communication with a minor:

- Irish/Gaeilge
- Music

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

Length of Course: **3 Years**

DN520 Places: **420**

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Information & Communication Studies as a joint major:

- English
- Linguistics

Other courses of interest

100 » Science

61 » Computational Social Science

www.ucd.ie/myucd/socsc

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PHILOSOPHY

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

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:

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

OR

Studying Philosophy with a minor:

- Chinese
- Greek
- Irish/Gaeilge
- Linguistics

OR

Studying Philosophy within a pathway:

- Philosophy, Politics & Economics

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: 336-601

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:

- Art History
- English
- History
- Music



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

- Sarah Huang, Student

Why is this course for me?

Are you interested in thinking for yourself? Do you like problem solving? Do you want to tackle some of the most challenging questions that have fascinated thinkers for centuries, such as:

- Do we have free will?
- What is consciousness?
- How should we live?
- Does God exist?
- What can we learn from art and literature?

Science, literature or history are all equally good preparation for studying Philosophy. The main requirement is a capacity for clear thinking, honesty and discussion.

What will I study?

Philosophy is essentially about dialogue and discussion, about giving reasons and examples, about counter-arguments and counter-examples. We read the work of great philosophers, but we also challenge their arguments and conclusions. Although all the modules are based on lectures, many of these are highly interactive. In addition, philosophy is rare in the university for offering small-group tutorials for all of its modules.

First Year

You will be introduced to a wide spectrum of philosophical approaches, from historical to contemporary, from ethics to critical thinking, from existentialism to philosophy of science. As Social Sciences students you will also take the core module, 'Societal Challenges in the 21st Century'.

Second Year

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

Third Year & Fourth Year

The third year provides the opportunity for students to apply to study abroad or undertake an internship. Students can choose from a wide range of modules, including: Philosophy of 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

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

www.ucd.ie/myucd/socsc

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Other courses of interest
86 » Law with Philosophy

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 & 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 course for me?

Do you want to understand how governments, parliaments, parties and elections work? Are you concerned about conflicts, human rights, environment, global poverty, war and political violence? Do you want to learn how to formulate a coherent and persuasive argument? With a degree in Politics & International Relations, you will develop the ability to analyse the complex interplay between national and international political institutions, systems and forces.

What will I study?

In first year, you will be introduced to the core areas of Politics & International Relations, giving you a solid foundation for future study. In subsequent years, you will pursue the topics that interest you most. Examples of modules include:

First Year

Foundations of Political Theory & International Relations • Foundations of Contemporary Politics • Foundations in Political Research • Foundations in Global Development • All first-year social sciences students also study the core module, Societal Challenges in the Twenty First Century • + 1 other subject • Elective module

Second Year

Individuals & the State • Law, Politics & Human Rights • Comparative Politics • International Relations • Research Methods in Political Science • European Union • Achieving the Sustainable Development Goals • + 1 other subject • Elective modules

Third Year & Fourth Year

International Political Economy • International Justice • EU in the World • Middle East Politics • New Democracy • Data Analytics for the Social Sciences • Parties & Party Competition • Introduction to Asian Politics • Justice in Education • Gender & Politics • + 1 other subject • Elective modules

Students can apply to study a single-subject Politics & International Relations degree at the end of second year.

Assessment

Students attend lectures and tutorials as well as undertaking independent study. Assessment is in the form of a combination of continuous assessment and end-of-trimester written exams.

Career & Graduate Study Opportunities

There is a wide range of national and international employment opportunities in the public and private sector, including:

The Irish civil service, the European Commission, international agencies such as the UN, IMF and World Bank, NGOs, print and broadcast media, the diplomatic service, business, administration and research.

MA and MSc degrees in UCD open to graduates include:

Politics, Political Theory, International Relations, International Development, Peace & Conflict, Human Rights, European Public Affairs & Law, International Political Economy, Public Policy, Gender & Politics.

International Study Opportunities

Study abroad opportunities include:

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

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

POLITICS & INTERNATIONAL RELATIONS

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN530

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

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:

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

OR

Studying Politics & International Relations with a minor:

- | | |
|---------------|-----------------|
| • Linguistics | • Irish/Gaeilge |
| • Chinese | • Italian |
| • French | • Spanish |
| • German | |

OR

Studying Politics & International Relations within a pathway:

- Philosophy, Politics & Economics
- Computational Social Science

CAO CODE: DN530

BA Humanities

CAO Points Range 2019: **348-541**

Length of Course: **4 Years**

DN530 Places: **250**

Leaving Cert Subject Entry Requirements

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

Entry Routes

Same as above

Studying Politics & International Relations as a joint major:

- History

Other courses of interest
87 » Law with Politics

www.ucd.ie/spire

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facebook.com/UCDspire

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 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 2019: 388-579

Length of Course: 4 Years

DN700 Places: 500

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Social Justice as a joint major:

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

Why is this course for me?

The subject of Social Justice draws on a range of academic disciplines in order to advance understanding of issues such as inequality, racism, discrimination and human rights abuses. It will appeal to those who would like to acquire the knowledge and skills to understand and challenge injustice and help bring about social change.

What will I study?

Undergraduate modules in Social Justice address themes such as global poverty and inequality; gender and 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, you will undertake four foundational modules in Social Justice: Social Justice Perspectives • Exploring Gender • Global Justice • Inequality & Social Justice in Irish Society.

Second Year

In second year, the social justice modules will develop your knowledge of racism, political economy, gender, power and politics, as well as your understanding of human rights and social justice.

Third Year

In third year, you can choose to study the 'experiential' modules 'Social Justice & the City' and 'Social Justice Movements' and select from a range of optional modules on key Social Justice issues. Students can apply to study abroad in year three or undertake an internship.

Fourth Year

Fourth year provides the opportunity for you to enhance your research skills by engaging in a research-based module. Students will also have an opportunity to build on their knowledge 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 trimester or a year in third year. Destinations include the US, Australia, China, Canada.

www.ucd.ie/myucd/socsc

UCD School of Social Policy, Social Work and Social Justice, Hanna Sheehy-Skeffington Building
Belfield, Dublin 4

sp-sw-sj@ucd.ie

facebook.com/UCDSocialPWJ

Other courses of interest

88 » Law with Social Justice

72 » Social Policy & Sociology

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

- Chloe Mazhandu, Student



Why is this course for me?

If you are interested in people, you will be interested in sociology. We are all part of society, we are connected with each other and we are affected by the people around us. Sociology provides you with the mindset and the research tools to observe the social world, make connections, understand differences, norms, cultures or inequalities.

What will I study?

Sociology seeks to explain how people relate with each other, how hidden structures play an important role in everyday life and how society shapes the way individuals behave. It is about why individuals organise themselves into groups such as families, communities, social classes, social networks, religions, genders, neighbourhoods or nations. But it is also about how these groups come about, what they mean and how they change over time. An essential part of your studies will be the acquisition of a sociological toolkit that includes both theoretical approaches and research methods to study society.

First Year

The first year includes a general Introduction to Sociology, the Foundations of Sociological Thinking, a view on Contemporary Ireland and the basics of Research Methods and Design. All first year social sciences students study the core module, Societal Challenges in the Twenty First Century, plus another subject and Elective module.

Second Year

The second year involves training in Quantitative and Qualitative Research Methods and modules in areas such as Gender, Sociological Theory, 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-trimester written exams, but also includes more innovative types such as producing a podcast on sociological issues.

Career & Graduate Study Opportunities

Sociology gives an excellent foundation for a diverse set of careers in areas such as social research and policy analysis, journalism, media, community development, youth work, civil service, social data science or business. It also leads to a wide range of graduate study opportunities in the social sciences, law and business. The School of Sociology offers a general MSc or MA in Sociology, MSc in Social Data Analytics, MSc in Comparative Social Change, MSc in Demographic and Population Analytics and an MA in Race, Migration and Decolonial Studies.

International Study Opportunities

Destinations include countries such as Belgium, England, France, Italy, the Netherlands, Norway, Spain, USA, Australia, China and South Korea.

Students studying Sociology with German or Italian will study abroad for their third year.

SOCIOLOGY

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO CODE: DN700

BSc Social Sciences

CAO Points Range 2019: **388-579**

Length of Course: **4 Years**

DN700 Places: **500**

General Entry Requirements

See pages 197 - 204

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:

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

OR

Studying Sociology with a minor:

- Art History
- English
- German
- Irish/Gaelige
- Italian
- Linguistics

OR

Studying Sociology within a pathway:

- Computational Social Science

CAO CODE: DN520

BA Joint Honours

CAO Points Range 2019: **336-601**

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:

- History
- English

Other courses of interest

72 » Social Policy & Sociology

100 » Science

61 » Computational Social Science

www.ucd.ie/myucd/socsc

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SOCIAL POLICY & SOCIOLOGY

BSocSc (Hons) (NFQ Level 8)



The only course I applied for after the leaving certificate was BSocSc Social Policy & Sociology in UCD. I knew from the start I wanted to be a social worker, so I chose the Social Work and Social Professions pathway in my second year. Overall this is a career orientated degree and I've found the course really interesting and engaging so far. I feel like it has helped me see the social world in a new way. Since my first year, I've been volunteering with Childline, and through that experience, I have been offered a place on UCD's Professional Masters in Social Work when I complete my course.

- Jayson Pope, Student

CAO CODE: DN750

CAO Points Range 2019: **330-500**

Length of Course: **3 Years**

DN750 Places: **100**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

See www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

The Bachelor of Social Sciences (BSocSc) at University College Dublin is the premier honours degree of its kind in Ireland. It is the standard qualification for those working in policy making and social services and recently celebrated its fiftieth anniversary. If you are interested in exploring how societies, communities and families work and wish to make a difference to the world, affect cultural change, contribute to public service or corporate responsibility, then this course is for you.

What will I study?

The course explores key social issues affecting societies in 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 74: and on Sociology see page 71.

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 and Third Year

Alongside compulsory modules in social policy and sociology you will select optional modules from one of three career orientated pathways, which will refine and develop your skills:

Social Work and Social Professions

This pathway provides you with a strong foundation for professional social work or social service careers, in addition to careers in Counselling, Social Care Management, and the Probation Service.

Society and Public Service

You will be introduced to social policy topics covering a wide range of social and public services and modules in public sociology. This pathway prepares you for a wide range of Master's programmes and employment in public services, NGOs, community development, youth work, social enterprise and public policy advocacy.

Work, Organisations and People

You will combine social policy and sociology with modules from organisational psychology and industrial relations. This pathway prepares you for study in a wide range of human organisation orientated Master's programmes and for employment in business and personnel management, industrial relations, marketing and corporate responsibility and governance.

Career & Graduate Study Opportunities

The BSocSc provides a strong foundation for both postgraduate study and a wide range of careers in government, social services, NGOs, education, media, including new and online media (who are increasingly expressing an active interest in recruiting social sciences graduates) and business. Alumni include Orlaith Blaney (Marketing and Advertising, former CEO McCannBlue Dublin), Frances Fitzgerald (MEP), Ali Hewson (Humanitarian) and Sr Stanislaus Kennedy (Humanitarian & Founder, Focus Ireland).

International Study Opportunities

The Programme offers international study opportunities in universities both in Europe and further afield including Germany, Italy, the Netherlands, Sweden, Malta, Japan, Hong Kong and Canada.

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Other courses of interest

75 » Psychology

70 » Social Justice

71 » Sociology

DN750 - STUDYING BSOCSC SOCIAL POLICY AND SOCIOLOGY

YEARS 1 & 2

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

YEARS 2 & 3

Follow your pathway

Social Work and Social Professions

Modules may include:

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

Social Work 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
- Social Protection: Security, Work and Poverty

Year 3 Compulsory Modules

- Qualitative Research Methods
- Policy Making, Implementation and Evaluation
- Social Policy Capstone Project

BSocSc Social Policy and Sociology

UCD Graduate Study and Career Opportunities

Specialise with UCD School of Sociology/ School of Social Policy, Social Work and Social Justice

MSocSc Social Work/Master of Public Policy
MSocSc Social Work, Welfare and Justice
MSc Equality Studies/MA Gender Studies
MSc Social Data Analytics
MSc Comparative Social Change
MSc or MA Sociology
MA 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

Public Sector Careers

Human Resources

Journalism | New and Online Media

Policy Consultancy

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

SOCIAL POLICY

BSocSc (Hons) (NFQ Level 8)



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

- Aoife Doran, Graduate

CAO CODE: DN750

 CAO Points Range 2019: **330-500**

 Length of Course: **3 Years**

DN750 Places: **100**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

See www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

If you are interested in understanding and researching social problems such as poverty, homelessness and discrimination, you will enjoy studying Social Policy. It is the study of the social impact of policies such as social services, social security benefits and the welfare state. Social Policy analysts are interested in the design and funding of these policies and their impact on different family types, income and age groups, genders, regions and countries.

What will I study?

In first year, you will be introduced to the basic concepts and skills required to study social policy, so no prior knowledge of the subject is required. In second and third year, you will have a chance to study specialist modules on the elements of social policy that interest you most.

First Year

Social Policy Theories & Concepts • Understanding Social Problems & Policies • Contemporary Irish Welfare State • History of Irish Social Policy • Introduction to Social Work • + Sociology modules.

Second Year

In their second year, students select a pathway from a choice of "Social Work & Social Professions", "Society & Public Service" or "Work, Organisations & People". Pathways consist of a set of thematically linked modules designed to build knowledge and expertise relevant to your future career aspirations.

Third Year & Fourth 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 completed.

Assessment

Assessment for modules involves a mixture of examinations and continuous assessment via assignments and projects intended to give all students equal opportunities to demonstrate their skill-sets and knowledge base.

Career & Graduate Study Opportunities

Social policy analysis provides an excellent grounding for a wide range of careers such as:

- Social research and policy analysis
- Journalism
- Online and new media
- Social work
- Community work
- Social services management
- Human resources management
- The civil and public service

Amongst many other further study opportunities, the School provides a two-year MSocSc in Social Work and undergraduate modules in social work are provided to prepare Social Policy graduates for this option. The School also provides a one-year MSc in Equality Studies and an MA in Gender Studies and contributes to UCD's one-year Master of Public Policy (MPP). Progression routes are integrated into the BSocSc's pathway structure to facilitate career development via either Master's study or career guidance.

International Study Opportunities

Social Policy students at UCD can avail of international study opportunities in universities in Europe and around the world. Currently, Erasmus exchange opportunities exist in Germany, Italy, the Netherlands, Sweden, Malta, Hong Kong and Japan.

www.ucd.ie/myucd/socsc

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Other courses of interest

100 » Science

99 » Sustainability: Social Sciences, Policy & Law

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. 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, Graduate



PSYCHOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN720

 CAO Points Range 2019: **517-591**

 Length of Course: **3 Years**

DN720 Places: **88**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

If you have a questioning attitude and good reasoning skills, you will really enjoy the world opened up by Psychology. Psychology has links to the natural sciences, the social sciences and the arts, so it is likely to appeal to a wide variety of people. The course has core modules that will introduce you to major theories and research methods, and you will also have a chance to choose option modules in specialist areas of psychology (e.g. counselling, clinical psychology and forensic psychology).

What will I study?

First Year

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

Second and Third Year

Behavioural Neuroscience • Child &
Adolescent Development • Visual
Cognition • Psychology Labs • Personality
& Human Intelligence • Independent
Research Project • Option modules within
Psychology • Elective modules.

Students spend up to 20 hours per week attending lectures and tutorials. In second year, you will conduct a series of laboratory practicals, while in third year, you will carry out an independent research project under the direction of one of the academic staff.

A combination of end-of-trimester written examinations and continuous assessment is used to evaluate performance.

Career & Graduate Study Opportunities

The degree is recognised by the Psychological Society of Ireland and, as such, provides the foundation for further graduate training in any field of psychology, as well as for a wide variety of careers, including:

- Clinical Psychology
- Educational Psychology
- Organisational Psychology
- Forensic Psychology
- Counselling Psychology
- Health Psychology.

There are also career opportunities in research alongside other social scientists, such as economists and sociologists.

International Study Opportunities

The School of Psychology has exchange agreements with:

- Université Catholique de l'Ouest, France
- Universidad Pontificia Comillas de Madrid, Spain
- Freie Universität, Berlin, Germany
- Georgetown University, USA
- University of Groningen, the Netherlands

Other courses of interest
70 » Social Justice
72 » Social Policy & Sociology

www.ucd.ie/myucd/socsc

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LAW

UCD Sutherland Opportunity supported by Mason Hayes & Curran

In 2019, a programme of funding and assistance was introduced for law students at every stage of their degree to create a transformative university experience leading to a successful career in law. The programme's aim is to create greater diversity in the legal profession and other careers where legal expertise is sought. Scholarships, career mentoring, internships and bursaries to fund international study and experiences are all included within the programme.

Why UCD Law?

- UCD Sutherland School of Law is ranked within the Top 100 Law Schools in the World*.
- We offer world-class learning and teaching facilities in a state-of-the-art building. Features include the purpose-built 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.

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

Our degrees provide a strong foundation for a career either in legal practice or in one of the many other rewarding fields in Ireland and abroad. Our graduates have progressed to hold some of the highest legal and political offices in the State, including Chief Justice, Attorney General, Director of Public Prosecutions, Taoiseach and Tánaiste.

LAW

79 » Law (BCL)

80 » Law with French Law

81 » BCL/Maîtrise - Law Dual Degree

82 » Law with Chinese

83 » Law with Economics

84 » Law with History

85 » Law with Irish

86 » Law with Philosophy

87 » Law with Politics

88 » Law with Social Justice

89 » Business & Law

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 that 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.

*QS World University Rankings by Subject 2020: Law.

STUDYING UCD LAW

YEARS 1 & 2

Foundations of legal knowledge and specialist subjects

DN600
Bachelor of
Civil Law

DN600
BCL Law
with Chinese

DN600
BCL Law with
Economics

DN600
BCL Law with
French Law

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

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

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

Media & Politics

Broadcasting

Press

Political Advisory Roles
Diplomacy & Foreign Affairs

Business

Corporate Banking

Management

Business Analyst

Financial Services

Data Protection Compliance

Public Policy

Public Service

Research

Non-Governmental Organisations

Education

Doctor of Philosophy (PhD)

Law

European Law & Governance

*Not offered in DN600 LCS

**Offered as optional module to DN610 in Year 3

Continue to develop your professional career with UCD...

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



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-trimester 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:

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

NOTE:

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

LAW

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

 CAO Points Range 2019: **520-625**

Length of Course: **4 Years**

DN600 Places: **125**

General Entry Requirements

See pages 197 - 204

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

- 89 » Business & Law
- 88 » Law with Social Justice
- 80 » Law with French Law
- 84 » Law with History

www.myucd.ie/law

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LAW WITH FRENCH LAW

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2019: 520-625

Length of Course: 4 Years

DN600 Places: 125

General Entry Requirements

See pages 197 - 204

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.



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

- Sarah Patton, Graduate

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/Maitrise 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 and Fourth Year

You will spend your third year at a partner university in Aix-Marseille, Lyon, Paris, Strasbourg or Toulouse. You will return to UCD for the final year of your BCL degree and will be required to complete a dissertation in French on French law.

Career & Graduate Study Opportunities

This degree ensures that graduates are well placed to pursue careers with international law firms, EU and international organisations, diplomacy and government departments, or Non-Governmental Organisations. Past graduates have progressed to study at prestigious institutions in the EU and internationally and others have obtained scholarships to the renowned College of Europe in Bruges.

Key fact

Every June, we hold a 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.

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@UCDLawSchool

Other courses of interest

79 » Law

81 » BCL/Maitrise

Studying the BCL/Maitrise in UCD has been an extremely rewarding experience. The unique programme provides the perfect path into practicing law whether in Ireland, France, or internationally. By acquiring in-depth knowledge of both the common law and the civil law legal systems, you are developing your legal skills and learning about two different cultures, which offers opportunities for internships in a diverse range of law firms. Also, the flexibility of my timetable encouraged me to get involved in student life: I am the current auditor of UCD's Arab Society, a cultural society. Getting involved is crucial to develop your interpersonal skills and to make memories from the best years of your life!

- Celine Dakik, Student



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/Maitrise. The BCL/Maitrise is an intensive dual degree aimed at highly motivated and ambitious students. **The major difference between the two Programmes is that the BCL/Maitrise allows you to undertake two degrees:** a degree in Irish law and a degree in French law, the Maitrise en Droit, from either the Université Panthéon-Assas (Paris II) or the Université Toulouse 1 Capitole. The Maitrise 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/Maitrise, or to continue with the BCL [Law with French Law].

Second Year

In second year, you will study other core Irish law modules: Property Law and Criminal Law. You will also advance your French language training and continue to study French Private Law and French Public Law.

Third Year

You will spend your third and fourth years in one of our two partner universities. The subjects studied are determined by those institutions.

- Université Panthéon-Assas (Paris II)
[see www.u-paris2.fr]
- Université Toulouse 1 Capitole
[see www.univ-tlse1.fr]

Career & Graduate Study Opportunities

Graduates of the BCL/Maitrise obtain a dual qualification that allows them to progress to professional legal training in Ireland or France. Graduates are particularly well placed to pursue careers with international law firms, EU and international organisations, diplomacy and government departments, or Non-Governmental Organisations. Recent graduates have secured roles with the Department of Foreign Affairs and with International Courts.

Key fact

The BCL/Maitrise 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.

BCL/MAITRISE

Law Dual Degree

BCL/Maitrise (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2019: **520-625**

Length of Course: **4 Years**

DN600 Places: **125**

General Entry Requirements

See pages 197 - 204

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

*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/Maitrise 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
79 » Law
80 » Law with French Law

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LAW WITH CHINESE

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2019: 520-625

Length of Course: 4 Years

DN600 Places: 125

General Entry Requirements

See pages 197 - 204

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.



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

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 that inform an enhanced critical perspective on Irish law. Your third year is spent at a leading university in China.

What will I study?

First & Second Year

First year focuses on the core Irish law modules of: Constitutional Law • Contract Law • Tort • General Introduction to 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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

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

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

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

www.myucd.ie/law

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Other courses of interest

79 » Law

84 » Law with History

87 » Law with Politics

86 » Law with Philosophy

I chose Law with Economics as I wanted an excellent legal education with an additional understanding of businesses and people in the economy. I have studied exceptional modules, which are in equal parts rewarding, challenging and exciting. Studying complementary areas like competition and finance through both disciplines has been particularly worthwhile. Outside of class, I have presented mock court appeals to leading Irish judges, debated across Europe and organised debates and speakers for nearly 1,000 students at a time with the UCD Law Society. UCD's Law with Economics students have countless opportunities during their degree and into the future. (Conor is currently studying for a Master's degree in the University of Cambridge.)

- Conor White, Graduate



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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

BCL (Law with Economics) graduates have an attractive skill-set, which is of undisputed relevance to commercial legal practices and to businesses. Recent graduates have found employment with leading law firms and businesses.

Graduates are also eligible to pursue further study in the fields of:

Commercial Law, Intellectual Property, Economics, Law & Finance, Insolvency Law

International Study Opportunities

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

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

LAW WITH ECONOMICS

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

 CAO Points Range 2019: **520-625**

 Length of Course: **4 Years**

DN600 Places: **125**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is strongly recommended that entrants to this programme should have at least a Grade of H6 in Leaving Certificate Maths (or equivalent).

Other courses of interest

79 » Law

89 » Business & Law

88 » Law with Social Justice

www.myucd.ie/law

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LAW WITH HISTORY

BCL (Hons) (NFQ Level 8)



I have loved every minute of my four years studying Law with History, two disciplines that complement each other especially well. I have been taught subjects such as criminal law, company law, and public international law by some of Ireland's leading barristers and academics and have had a huge range of choice in the periods and places I studied in history, from early modern Asia to twentieth century Europe. UCD's extra-curricular opportunities are excellent: in particular, I have made many fond memories and friends for life while being a member of the committee of the UCD Law Society and studying on exchange in Sydney, Australia.

- Helen Brady, Student

CAO CODE: DN600

CAO Points Range 2019: 520-625

Length of Course: 4 Years

DN600 Places: 125

General Entry Requirements

See pages 197 - 204

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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

BCL (Law with History) graduates can go on to qualify as solicitors and barristers and pursue law careers in Ireland or abroad. Graduates are also well placed to pursue careers in:

- Legal research
- Politics
- Journalism
- Academia

Relevant graduate study programmes include LLM degrees in:

International Human Rights, European Law & Public Affairs, Legal History

International Study Opportunities

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

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

Key fact

UCD Law graduates have been admitted to study for postgraduate degrees at many prestigious universities, including Cambridge, European University Institute, Harvard, Oxford and National University Singapore.

www.myucd.ie/law

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Other courses of interest

79 » Law

88 » Law with Social Justice

87 » Law with Politics

86 » Law with Philosophy

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

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



Why is this course for me?

The BCL (Law with Irish) programme started in 2017-18. It allows undergraduate law students to access a cohesive set of Irish language modules that 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 multi-media language laboratory (An Teanglann) and the advanced language skills training in Lárionad de Bhaldraithe.

What will I study?

First & Second Year

In first and second year, your studies in law comprise core modules such as: Constitutional Law • Contract Law • Tort Law • EU Law • Property Law • Criminal Law

Your Irish language modules in first and second year focus specifically on language grammar, accuracy, fluency and writing skills. These include Forbairt na Gaeilge Acadúla, Teanga na Gaeilge.

Third & Fourth Year

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

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

 CAO Points Range 2019: **520-625**

Length of Course: **4 Years**

DN600 Places: **125**

General Entry Requirements

See pages 197 - 204

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

79 » Law

89 » Business & Law

88 » Law with Social Justice

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LAW WITH PHILOSOPHY

BCL (Hons) (NFQ Level 8)



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

CAO CODE: DN600

CAO Points Range 2019: 520-625

Length of Course: 4 Years

DN600 Places: 125

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

Legal systems express and reflect the prevailing moral, political, social and economic philosophy of the State. Law and philosophy are, therefore, complementary fields of study. An understanding of law is fundamentally enhanced by a deeper knowledge of philosophical theory. This course offers you a highly respected degree in law, combined with an enriched appreciation of its philosophical underpinnings.

What will I study?

First & Second Year

First year focuses on core law modules, including:

Constitutional Law • Contract Law • Tort Law

In addition, you'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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

BCL (Law with Philosophy) students can choose to study the modules necessary for legal professional recognition, which enables them to pursue legal careers as solicitors or barristers.

Graduates are also well suited to careers in:

- Legal research (e.g. at the Law Reform Commission)
 - Politics
 - Media
 - Diplomatic service
 - Academia
- Relevant graduate study programmes include LLM degrees in:
- International Human Rights
 - European Law & Public Affairs

International Study Opportunities

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

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

Key fact

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

www.myucd.ie/law

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Other courses of interest

79 » Law

88 » Law with Social Justice

87 » Law with Politics

84 » Law with History

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 is now an Iveagh Fellow at the Council of Europe.)

- Erin Ward, Graduate



LAW WITH POLITICS

BCL (Hons) (NFQ Level 8)

Why is this course for me?

Law and politics are inextricably linked by the legislative process. This course allows you to obtain a highly respected law degree, whilst also acquiring a deeper understanding of political theory and the political process. Many UCD law graduates have progressed to political careers. Others have become high-profile political commentators.

What will I study?

First & Second Year

First year focuses on core Law modules, including:

Constitutional Law • Contract Law • Tort Law

In addition, you'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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

BCL (Law with Politics) graduates are well equipped to pursue careers in:

- Legal practice
- Politics
- Broadcasting
- Journalism
- Legislative drafting (e.g. in Office of Parliamentary Counsel)
- Academia
- Non-Governmental Organisations
- Public Service

Relevant graduate study programmes include: International Human Rights

- European Law & Public Affairs • International Relations

International Study Opportunities

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

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

CAO CODE: DN600

 CAO Points Range 2019: **520-625**

 Length of Course: **4 Years**

DN600 Places: **125**

General Entry Requirements

See pages 197 - 204

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

88 » Law with Social Justice

84 » Law with History

83 » Law with Economics

86 » Law with Philosophy

www.myucd.ie/law

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Belfield, Dublin 4

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LAW WITH SOCIAL JUSTICE

BCL (Hons) (NFQ Level 8)

CAO CODE: DN600

CAO Points Range 2019: 520-625

Length of Course: 4 Years

DN600 Places: 125

General Entry Requirements

See pages 197 - 204

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



I have always been passionate about equality and human rights, so I was delighted to have the opportunity to study Law with Social Justice in UCD. This programme allows students to see the logic and reasoning behind the law while also showing its impact on people's daily lives. One of the best parts of studying law in UCD is that it allows students to extend their legal knowledge beyond the curriculum. My experience as Editor-in-Chief of the Student Law Journal has played a pivotal role in my legal education. Additionally, being involved in the Choir and Tennis Club over the years has added immensely to my UCD experience.

- Sarah McGee, Student

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 injustice, its causes and remedies. It will appeal to students who are interested in issues of equality, diversity and disadvantage, and who want to look in-depth at the social context in that law operates. On completion, you'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 • Inequality in the Labour Market • Discrimination: Law and Society • Gender, War and Violence • Masculinities • Childhood & Global Justice

Clinical Legal Education Centre (CLEC) modules are also available, including Advocacy & Mooting, Alternative Dispute Resolution and Law, Ethics & Legal Practice.

Throughout the four years of the degree you will have the opportunity to further

your understanding of key social justice issues in a stimulating and supportive learning environment. You may get involved in UCD's Student Legal Service, which offers legal information clinics to students.

You'll attend lectures and tutorials, in addition to engaging in study and preparatory work. To view a sample timetable go to www.ucd.ie/myucd/law.

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

Career & Graduate Study Opportunities

This degree will provide an ideal platform for careers in:

Legal practice as a solicitor or barrister, National and international Governmental and Non-Governmental Organisations as legal advisors or researchers, Public policy, Human Rights practice, advocacy and/or research.

Relevant graduate study programmes include:

International Human Rights • Criminology • Equality Studies • Gender Studies

International Study Opportunities

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

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

www.myucd.ie/law

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@UCDLawSchool

Other courses of interest

79 » Law

86 » Law with Philosophy

87 » Law with Politics

84 » Law with History

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, Student



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-trimester examinations, essays and group projects.

Career & Graduate Study Opportunities

BBL students can select the modules necessary for legal professional recognition, which will allow them to go on to qualify as a solicitor or barrister, and work in legal practices in Ireland or abroad. Graduates can also pursue careers in:

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

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

International Study Opportunities

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

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


Key fact

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

BUSINESS & LAW

BBL (Hons) (NFQ Level 8)

CAO CODE: DN610

 CAO Points Range 2019: **521-613**

Length of Course: **4 Years**

DN610 Places: **120**

General Entry Requirements

See pages 197 - 204

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

79 » Law

83 » Law with Economics

93 » Commerce

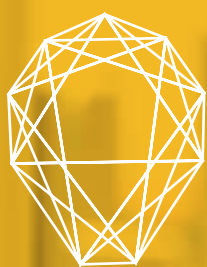
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BUSINESS

At UCD Lochlann Quinn School of Business you will have the opportunity to work with leading international faculty and industry partners as you build a strong foundation of business knowledge and challenge yourself to have an impact on the world of business and beyond. Be part of the future of business at UCD Lochlann Quinn School of Business.

We live in a complex world at a time of extraordinary global challenges and opportunities. We are proud to recruit ambitious students who want to hone their skills and knowledge to make a difference in the world.

At UCD Quinn School, we are dedicated to offering you the country's most cutting-edge business education. From exciting new learning spaces, working side-by-side with world renowned researchers to internships that will have a true impact on your career.

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



The UCD Quinn School and UCD Moore Centre for Business, our exciting new €20 million wing that

opened in September 2019, together provide purpose-built workspaces and a unique learning environments designed to offer the best student experience in Ireland. Virtual reality headsets, break out areas, innovation hub and skills zones are just a few of the impressive facilities that expand collaboration and interconnectivity between our students, faculty and the business world.

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!

Stay Connected

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

BUSINESS

93 » Commerce

94 » Commerce International

95 » Economics & Finance

96 » Diploma/Bachelor of Business Studies

89 » Business & Law

133 » Actuarial & Financial Studies

Why UCD Business?

World Class Excellence

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); and are also a member of CEMS (an international alliance of leading business schools). This means that our degrees are internationally recognised and come with a mark of quality, which can give you advantages when looking for employment opportunities anywhere in the world.

Innovation

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

Business has become more globalised and employers are increasingly looking for people with intercultural skills. Our diverse student cohort from over 45 countries will help you develop these skills. In addition, 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

Commerce and Economics & Finance students can apply for an optional year-long professional internship. This offers a first class business experience with top international or Irish companies. Students have completed internships in companies such as Microsoft, CRH, Glanbia, KPMG, PwC, EY, Accenture, Davy, Johnson & Johnson and Bank of Ireland. For the last number of years, all students who have taken part in the Quinn Internship Programme are either in full-time employment or in further studies within six months of graduation.

Incredible Career Opportunities

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

Your First Year Experience

Our degrees have been developed in consultation with industry leaders and they reflect the changing business world. During your first year, you will learn about the foundations of business, and will be challenged to think critically about its role in society.

You will develop not only your understanding of business theory and practices, but also the skills needed for a successful career. Employers seek graduates with great communication, management, leadership and team-work skills, graduates who are problem solvers, independent thinkers and ethically minded.

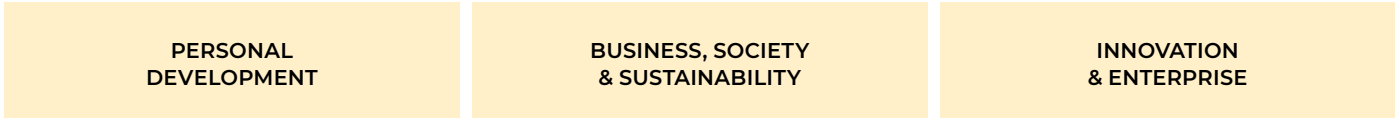
Our courses use business simulations, case studies, presentations, web and blog development and video projects to develop graduates with these attributes.

In your first year, you will have the opportunity to pursue your academic and personal passions through extracurricular activities in clubs and societies, volunteer in community projects or start your own initiative. We actively encourage you to embrace this as an important part of developing your skills, with the ultimate goal to help you build a successful career in business and beyond.

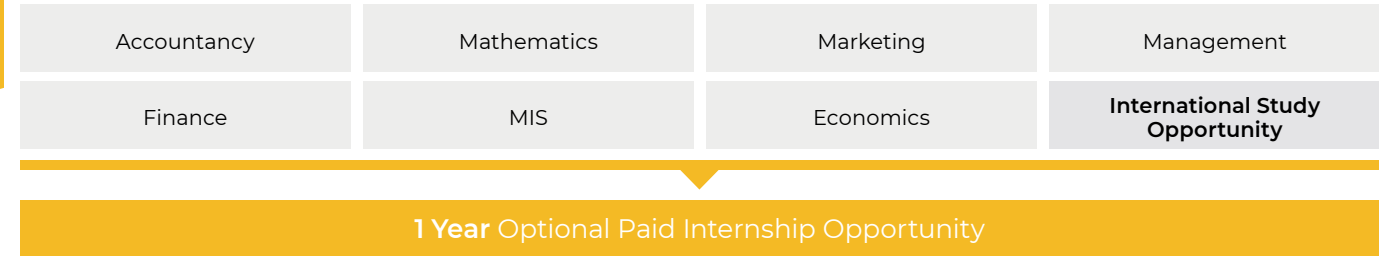
You will be taught by Ireland's leading business academics and supported and guided through your studies by Peer Mentors, Student Advisers and a dedicated Business Programme team.

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

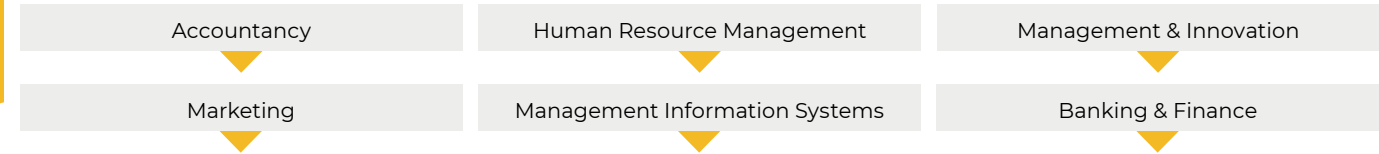
STUDYING THE UCD BComm



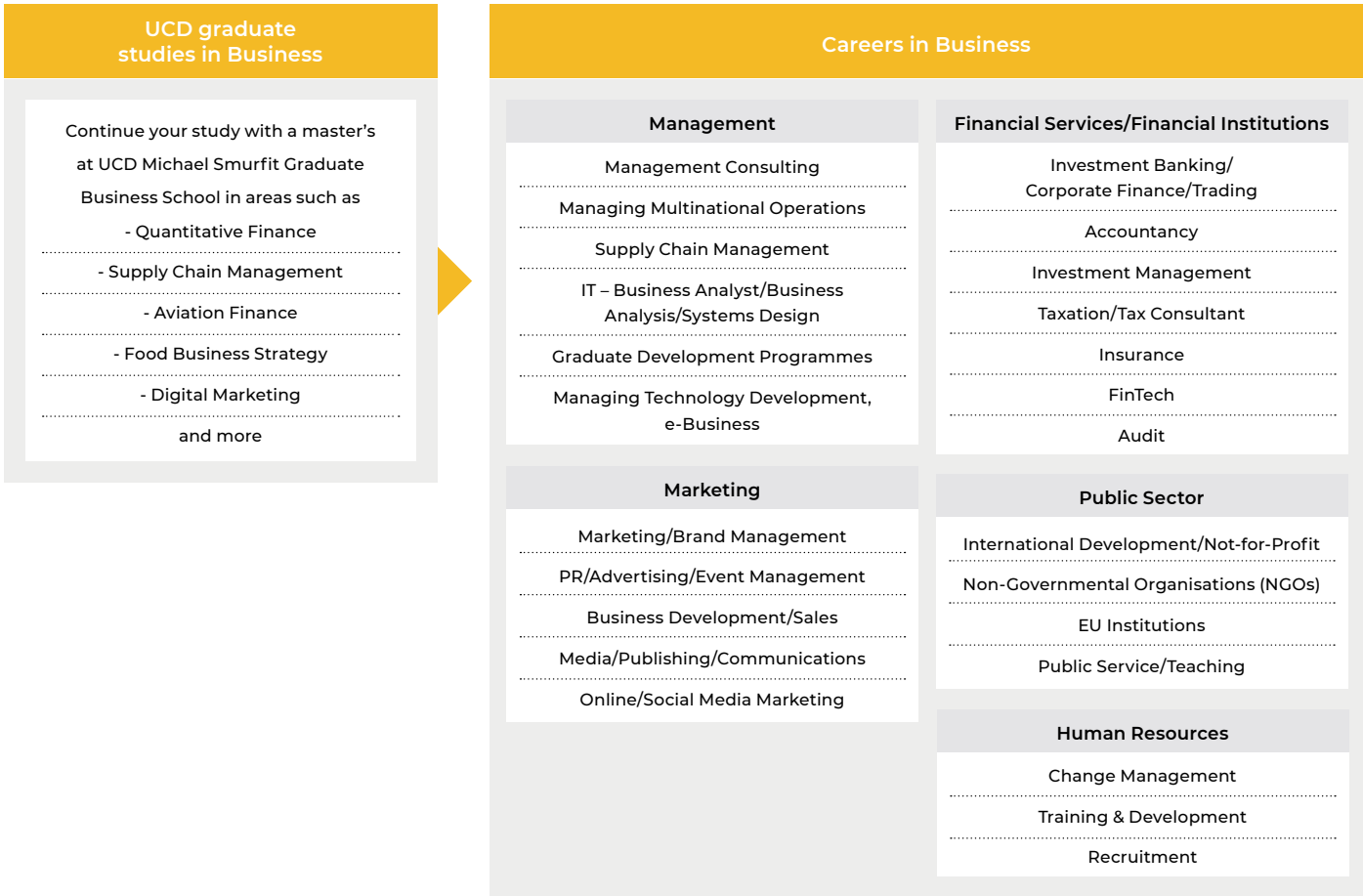
YEARS 1 & 2 Engage with the principles of business



YEARS 3 OR 4 Refine your knowledge



Bachelor of Commerce (Honours)



Having studied both business and accounting for the Leaving Cert, I always wanted to pursue a career in business but wanted to complete my professional accountancy qualification first. The internship program allowed me to intern for nine months in a 'Big Four' firm, PwC. Having the opportunity to be exempted from the entire first set of the accountancy exams has also taken a weight off my shoulders and means I will have one less set to complete when I start working. Studying Commerce also allowed me to travel on an international exchange to Ottawa, Canada. During my time at the UCD Quinn School, I have been given countless opportunities and I now intend to pursue my accountancy qualification.

- Eoghan Whelan, Student



Why is this course for me?

The Bachelor of Commerce 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 will learn to become an independent and critical thinker and a cogent and compelling communicator; with the skills to work seamlessly in groups; to develop the technical and mathematical skills to analyse and make sense of business data and intelligence.

You will learn about the recent themes and trends transforming the business landscape, such as globalisation, technological change, and environmental sustainability.

What will I study?

In your first and second year, you will study a wide range of core business disciplines. This will give you a solid understanding of the foundations of business. You will explore subjects through numerous different assessments and project methods, including: case studies, presentations, and business simulations. In second year, you will have 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 • Management • Economics
• Maths & Statistics • Digital Business • Business Law.

Second Year

Accounting • Finance • Marketing • Business Analytics • Global Business

• Global Operations & Supply Chain Management.

Final Year

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

International Study Opportunities

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

Internship Programme

Our optional One-Year Paid Internship Programme places successful students with leading companies nationally and internationally. Students can apply to take their internship in a voluntary/not-for-profit organisation or the start-up sector, through the Business and Society, and Enterprise Internship Scholarships, supported by the 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, auditors)
- 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)

BACHELOR OF COMMERCE

BComm (Hons) (NFQ Level 8)

CAO CODE: DN650

CAO Points Range 2019: **498-613**

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

DN650 Places: **220**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

94 » Commerce International
95 » Economics & Finance
89 » Business & Law

www.myucd.ie/business

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COMMERCE INTERNATIONAL

BComm (Hons) (NFQ Level 8)

CAO CODE: DN660

 CAO Points Range 2019: **507-625**

 Length of Course: **4 Years**

DN660 Places: **102**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O6/H7 in English, Irish, a third language and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Language Recommendations

- Students will need a minimum of grade H4 in Leaving Certificate French (or equivalent) to take any French language combinations.
- Chinese speakers at HSK6 or native speaker standard are not eligible for Chinese language
- Beginners German combined with beginners Spanish is not available.



Commerce International was the perfect course for me. It combined my love for both business and languages. I got to study two languages (German and Spanish) in my first year on the programme and then continued with German for the rest of my degree. At the same time, I got the opportunity to study an exciting array of Commerce modules. There is a broad selection of modules on offer ranging from Finance to Marketing to Human Resources and Accounting. I got to sample modules in all aspects of business before making a very informed decision about my specialisation in final year. The Quinn School was the perfect launching pad to start my career in business.

- Mícheál Markey, Student

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 cultural understanding to succeed in the exciting world of international business.

Students of the BCIT course are well-grounded in the theory and practice of business management and equipped to understand and comment critically on business issues. To achieve a truly global perspective on business, it is necessary to immerse yourself in the culture, and not just learn the vocabulary. Students are brought to a high level of language proficiency and cultural sensitivity which enables them to live abroad for a year and to study business through their chosen language. While this immersive experience is a demanding challenge, education experts have shown that these multicultural competencies are strongly linked with innovative thinking and creative performance.

What will I study?

On applying, you will select two languages to study, choosing from Chinese, French, German, Italian or Spanish. With the exception of French (H4 requirement), you will have the opportunity to study these languages from beginner level.

At the end of the first trimester, students choose one of the two options to pursue as their language minor for the remainder of the 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 trimester studying Chinese language and a second trimester 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

BCIT 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.myucd.ie/business

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Other courses of interest
95 » Economics & Finance
93 » Commerce
89 » Business & Law

I chose the Economics and Finance programme because maths has always been my favourite subject in secondary school and I enjoy problem-solving, so this course was a perfect way to combine those interests. Advanced financial modelling, statistics and programming are typical of the skills developed on the course that are highly sought after by employers. I decided to complete two internships in my 3rd year and found the skills learned in class really prepared me for my time in both a stock broking firm in Dublin and a US investment bank in London. Now in my final year I can bridge the gap between academic understanding and the work I will be doing in the future.

- Anna Caffrey, Student



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: Introduction to Economics
• Introduction to Finance • Business in Society • Introduction to Business Analytics • Financial Accounting • Statistical Modelling • Linear Algebra
• Advanced Calculus • Principles of Macroeconomics.

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.

Final Year

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: Introduction to Programming
• Probability Theory • Intermediate Macro & Microeconomics • Game Theory
• Financial Institution Management • Optimisation in Finance • Corporate Finance • Econometrics • Financial Mathematics • Applied Portfolio & Risk Management • Inferential Statistics

International Study Opportunities

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

Internship Programme

Our optional One-Year Paid Internship Programme places successful students with leading companies nationally and internationally. Students can apply to take their internship in a voluntary/not-for-profit organisation or the start-up sector, through the Business and Society, and Enterprise Internship Scholarships, supported by the 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 and Economics.

CAO CODE: DN670

 CAO Points Range 2019: **601-625**

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

DN670 Places: **50**

General Entry Requirements

See pages 197 - 204

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

65 » Economics
93 » Commerce
133 » Actuarial & Financial Studies
122 » Mathematics

www.myucd.ie/business

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DIPLOMA/ BACHELOR OF BUSINESS STUDIES

(NFQ Level 7/NFQ Level 8)

CAO CODE: NON-CAO Part-Time Programme

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

General 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.

Apply

Applications for these part-time programmes can be made directly through the UCD Application Website www.ucd.ie/apply. For detailed information on the application process visit www.ucd.ie/quinn



I have been managing in retail for years before commencing this programme. The world of business is fueled by change and creativity and I was looking to develop further. This programme allowed me to pursue my academic goals while being full-time employed and I couldn't be happier with my choice. DBS offers great support, which was much appreciated. The modules are delivered in an excellent format and the flexibility of home study suits my current position and it is also immensely rewarding. The relevance of the modules to the workplace made them very applicable. I would recommend this to anyone working in a business environment and for those looking to pursue a career in business.

- Tatiana Gutu, Student

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 that allows you to develop industry specific knowledge in your selected field.

Student Support

We recognise the needs of part-time students. As a result, a dedicated Programme Manager who is well placed to provide real academic and administrative support is available to students.

This programme manager also delivers a number of practical academic skills modules to support those returning to education.

Career & Graduate Study Opportunities

Graduates will progress to rewarding and challenging employment in industries including, administration, banking, insurance & financial management, education/training, engineering & construction, healthcare, hospitality & tourism, IT & telecoms, marketing & media and retail, sales & customer services.

Roles may include technical, operational or managerial positions in: retail, customer services, leisure, hospitality, banking and finance, amongst other key sectors.

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

www.myucd.ie/business

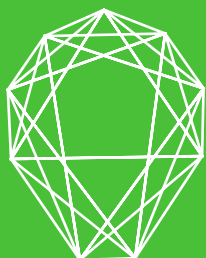
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SUSTAINABILITY

Why UCD Sustainability?

Sustainability is the great challenge of our time. It is enshrined in the Sustainable Development Goals and achieving it will require an integrated approach to the protection of the Earth and its inhabitants. This unique programme combines the economic, environmental and social dimensions of sustainability, enabling specialisation in one of those dimensions complemented by knowledge and skills from the others. Core modules provide a global perspective on sustainability and include interdisciplinary research, a professional placement, field work in Ireland and Europe and guest lectures from leading researchers, advocates and practitioners.

Graduates will enjoy careers as consultants, managers and advisers in large organisations and private businesses. An interdisciplinary education in sustainability theory, policy and practise will equip you to work in areas such as renewables, clean technology management and energy efficiency, or advise industries on social and environmental strategies.

Many opportunities also exist in international organisations such as the UN, the European Environment Agency and the European Commission, government departments and state agencies such as the Environmental Protection Agency and the National Parks and Wildlife Service and in local authorities and Non-Governmental Organisations.

First Year Experience in UCD Sustainability

The degree reflects the integrated interdisciplinary approach required in sustainability research, policy and practise. The first year is structured so that students are able to progress into one of the following degree courses in their second year:

Sustainability: Environmental Science & Engineering

Sustainability: Social Sciences, Policy & Law

SUSTAINABILITY


98 » Sustainability: Environmental Science & Engineering

99 » Sustainability: Social Sciences, Policy & Law

SUSTAINABILITY: ENVIRONMENTAL SCIENCE & ENGINEERING

BSc (Hons) (NFQ Level 8)

CAO CODE: DN240

 CAO Points Range: **N/A New course starting in 2020**

Length of Course: **4 Years**

DN240 Places: **50**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 06/H7 in Irish, English, and three other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

None

Mature Entry Route

See www.ucd.ie/maturestudents



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

- Professor Tasman Crowe

Why is this course for me?

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

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

What will I study?

First Year

Sustainability including concepts and research tools, policy, law and economics
• Mathematics • Social Sciences • Environmental Science • Economics & Business • Option modules

Second Year

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

Third Year

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

Fourth Year

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

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

International Study Opportunities

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

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

Career & Graduate Study Opportunities

An interdisciplinary education in sustainability theory, policy and practise will equip you to work in areas such as renewables, clean technology management and energy efficiency, or advise industries on social and environmental strategies.

Many opportunities also exist in international organisations such as the UN, the European Environment Agency and the European Commission, government departments and state agencies such as the Environmental Protection Agency and the National Parks and Wildlife Service and in local authorities and Non-Governmental Organisations.

www.myucd.ie/sustainability/sustainability-with-environmental-science-and-engineering

Professor Tasman Crowe, Director
UCD Earth Institute, UCD School of Biology and
Environmental Science, Belfield, Dublin 4
tasman.crowe@ucd.ie

Other courses of interest

- 163 » Agri-Environmental Sciences
- 196 » City Planning & Environmental Policy
- 117 » Chemistry with Environmental & Sustainable Chemistry
- 106 » Environmental Biology
- 129 » Geology

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

- Professor Jacky Croke



SUSTAINABILITY: SOCIAL SCIENCES, POLICY & LAW

BSc (Hons) (NFQ Level 8)

Why is this course for me?

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

What will I study?

First Year

Sustainability (including concepts and research tools, policy, law & economics) • Mathematics • Social Sciences • Environmental Science • Economics & Business • Option modules

Second Year

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

Third Year

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

Fourth Year

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

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

International Study Opportunities

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


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

Career & Graduate Study Opportunities

An interdisciplinary education in sustainability theory, policy and practise will equip you to work in areas such as renewables, clean technology management and energy efficiency, or advise industries on social and environmental strategies.

Many opportunities also exist in international organisations such as the UN, the European Environment Agency and the European Commission, government departments and state agencies such as the Environmental Protection Agency and the National Parks and Wildlife Service and in local authorities and Non-Governmental Organisations.

CAO CODE: DN240

 CAO Points Range: **N/A New course starting in 2020**
Length of Course: **4 Years**
DN240 Places: **50**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- 02/H6 in Mathematics
- 06/H7 in Irish, English, and three other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

None

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

163 » Agri-Environmental Sciences
196 » City Planning & Environmental Policy
117 » Chemistry with Environmental & Sustainable Chemistry
106 » Environmental Biology
66 » Geography 129 » Geology

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

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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.

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

SCIENCE

BSc (Hons) DN200

COMPUTER SCIENCE

BSc (Hons) DN201

ACTUARIAL & FINANCIAL STUDIES

BAFS (Hons) DN230

Biological, Biomedical & Biomolecular Sciences

104 » Biochemistry & Molecular Biology

105 » Cell & Molecular Biology

106 » Environmental Biology

107 » Genetics

108 » Microbiology

109 » Neuroscience

110 » Pharmacology

111 » Physiology

112 » Plant Biology

113 » Zoology

114 » Biology, Mathematics & Education

Chemistry & Chemical Sciences

115 » Chemistry

116 » Chemistry with Biophysical Chemistry

117 » Chemistry with Environmental
& Sustainable Chemistry

118 » Medicinal Chemistry & Chemical
Biology

119 » Chemistry, Mathematics & Education

Mathematical, Physical & Geological Sciences

120 » Applied & Computational
Mathematics

121 » Financial Mathematics

122 » Mathematics

124 » Statistics

126 » Physics

127 » Physics with Astronomy & Space
Science

128 » Theoretical Physics

129 » Geology

130 » Applied Mathematics, Mathematics
& Education

131 » Computer Science, Mathematics
& Education

132 » Physics, Mathematics & Education

Direct Entry Courses

133 » Actuarial & Financial Studies

134 » Computer Science

135 » Computer Science with Data Science

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 & 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.

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/science/t4media/ucdscience.pdf.

What are the facilities like in UCD Science?

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

Can I visit the UCD Science facilities?

- Yes. We run a number of events for secondary school students, QQI-FET and mature applicants. All events are booked online at www.myucd.ie.

Stay Connected

-  www.ucd.ie/science
-  facebook.com/UCDSscience
-  [@UCDSscience](https://twitter.com/UCDSscience)
-  [@UCDSscience](https://www.instagram.com/UCDSscience)

KEY FACT

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

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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/science/t4media/ucdscience.pdf.

YEARS 3 & 4

Follow your pathway

Biological, Biomedical
& Biomolecular Sciences

Biochemistry &
Molecular Biology

Cell & Molecular
Biology

Environmental
Biology

Genetics

Microbiology

Neuroscience

Pharmacology

Physiology

Plant Biology

Zoology

Biology, Mathematics
& Education*

Chemistry &
Chemical Sciences

Chemistry

Chemistry
with Biophysical
Chemistry

Chemistry with
Environmental
& Sustainable
Chemistry

Medicinal Chemistry
& Chemical Biology

Chemistry,
Mathematics &
Education*

Mathematical, Physical
& Geological Sciences

Applied &
Computational
Mathematics

Physics

Theoretical Physics

Applied Mathematics,
Mathematics &
Education*

Computer Science,
Mathematics &
Education*

Financial
Mathematics

Mathematics

Statistics

Physics with
Astronomy & Space
Science

Geology

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/Complimentary Courses

*MSc Mathematics & Science
Education (Teaching)

Professional Master of Education
(Teaching)

Graduate Veterinary Medicine

Graduate Medicine

Master of Business Studies

Graduate Diploma and MSc in
Actuarial Science

MSc Computer Science (Conversion)

Continue to develop your professional career with UCD...


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

BIOCHEMISTRY & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



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

- Alison Howett, Graduate

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 Biochemistry & Molecular Biology degree course explores the chemistry of living organisms and cells. It involves the study of the molecules that play a role in the function of the cell and the molecular basis for changes in the cell that can lead to disease. Biochemistry and Molecular Biology form the foundation for understanding all biological processes and occupy a central position in modern biological and biomedical research.

What will I study?

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

First Year

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

Second Year

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

Third Year

Biochemistry & Molecular Biology • Elective modules

Fourth Year

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

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:

- Rupprechts-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.

www.ucd.ie/myucd/bioandmolbio

Associate Professor Siobhán McClean
UCD School of Biomolecular and Biomedical
Science, Belfield, Dublin 4

siobhan.mcclean@ucd.ie
facebook.com/UCDSscience

Other courses of interest

- 105 » Cell & Molecular Biology
- 109 » Neuroscience
- 110 » Pharmacology
- 111 » Physiology

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

- Mark McDermott, Graduate



CELL & MOLECULAR BIOLOGY

BSc (Hons) (NFQ Level 8)

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.

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

104 » Biochemistry & Molecular Biology

109 » Neuroscience

161 » Agricultural Science

139 » Medicine

www.ucd.ie/myucd/cellandmolecularbiology

Professor Jeremy Simpson

UCD School of Biology and Environmental Science
Belfield, Dublin 4

jeremy.simpson@ucd.ie

facebook.com/UCDSscience

ENVIRONMENTAL BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical
& Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



I had the opportunity to travel to the Costa Rican Rainforest for a two-week field trip with my classmates and lecturers. The trip to the rainforest allowed us to put the theory we had learned into practice. We had the chance to advance our skills in field sampling, monitoring and data handling and we also got to live in one of the most biodiverse ecosystems in the world with pumas, monkeys, parrots, giant butterflies and snakes. I am a member of the Choral Scholars of UCD, as well as President and Co-Founder of UCD Women+ in STEM Society. Being a Choral Scholar has been fantastic because I have been able to earn academic credits, record CDs and travel to New York to sing in Carnegie Hall!

- Sadhbh McCarrick, Student

Why is this course for me?

This degree focuses on the biological aspects of environmental science. It equips students with a strong background in ecology and its application to environmental assessment and management. Marine, terrestrial and freshwater ecosystems are studied through the disciplines of plant, animal and microbial ecology, evolutionary biology, conservation biology, global change biology, pollution biology, soil science and wildlife ecology. There's a strong emphasis on vocational skills and links with industry. Core modules include mock environmental impact assessment, field-based sampling in Ireland, Spain and Costa Rica, and guest lectures from environmental managers and consultants.

What will I study?

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

First Year

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

Second Year

Environmental Biology • + 2 other Science subjects • Elective modules

Third Year

Environmental Biology • Elective modules

Fourth Year

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

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 their third year have spent time in:

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

www.ucd.ie/myucd/environmentalbiology

Associate Professor Tom Wilkinson
UCD School of Biology and Environmental Science
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tom.wilkinson@ucd.ie
facebook.com/UCDSscience

Other courses of interest

113 » Zoology
112 » Plant Biology
105 » Cell & Molecular Biology
163 » Agri-Environmental Sciences

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




GENETICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical
& Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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?

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.

Other courses of interest

- 110 » Pharmacology
- 104 » Biochemistry & Molecular Biology
- 105 » Cell & Molecular Biology
- 108 » Microbiology

www.ucd.ie/myucd/genetics

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MICROBIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical
& Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



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

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.

www.ucd.ie/myucd/microbiology

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Other courses of interest

105 » Cell & Molecular Biology
109 » Neuroscience
110 » Pharmacology
111 » Physiology

DN200 Science allowed me tailor my degree to encompass all the aspects of science I need in order to succeed while keeping me intrigued and excited along the way. In third year, I was lucky to partake in the Erasmus Programme at the University of Nottingham, which gave me a different insight into the scope of neuroscience and the opportunities it presents. UCD offering multiple opportunities to travel and learn really highlights their dedication to offering the best possible education and to encouraging us to develop as a person! In addition, I had the absolute privilege of doing a 6-month thesis project in The Max Planck Institute for Brain Research, which allowed me to work as a real scientist in a lab, something I see myself doing in the future. - Jodie Bermingham, Graduate



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.

NEUROSCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

110 » Pharmacology

111 » Physiology

www.ucd.ie/myucd/neuroscience

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PHARMACOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical
& Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



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

- Courtney Greene, Graduate

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

www.ucd.ie/myucd/pharmacology

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Other courses of interest

109 » Neurosciences

111 » Physiology

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

- Celine Camon, Graduate



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.

PHYSIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical
& Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

110 » Pharmacology

141 » Biomedical, Health & Life Sciences

www.ucd.ie/myucd/physiology

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PLANT BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

CAO Points Range 2019: 521-625
 Length of Course: **4 Years**
 DN200 Places: **407**

General Entry Requirements,
 See pages 197 - 204

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



Placing DN200 Science at the top of my CAO was an easy choice as I could explore all subject areas before making an informed decision on my degree. To me, no area holds greater merit for study than plant science. Its implications infiltrate all aspects of modern society from global food security to phytopharmaceuticals. I am currently Vice-Auditor of the UCD Biological Society. Being involved in a society has allowed me to meet other people from various stages and degrees in UCD as well as encounter some incredible scientists. Last year, Nobel Prize laureate Sir Paul Nurse came to UCD to receive our George Sigerson Award for Inspiring Aspiring Scientists. The UCD O'Brien Centre for Science is home to unparalleled plant science labs and teaching facilities including the Bloom gold medal winning UCD Evolution Garden. - Caroline Dowling, Graduate

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.

www.ucd.ie/myucd/plantbiology

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Other courses of interest

113 » Zoology
 108 » Microbiology
 105 » Cell & Molecular Biology

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



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.

ZOOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Biological, Biomedical & Biomolecular Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

163 » Agri-Environmental Sciences

165 » Animal Science

106 » Environmental Biology

107 » Genetics

www.ucd.ie/myucd/zoology

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BIOLOGY, MATHEMATICS & EDUCATION

BSc (Hons) (NFQ Level 8)

MSc (NFQ Level 9)

CAO CODE: DN200

**Biological, Biomedical
& Biomolecular Sciences**

CAO Points Range 2019: 521-625

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

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



I knew that I wanted to explore Science and Mathematics at a deeper level but did not want to choose between them. The level of variety offered by the DN200 Science course stood out to me. I was able to sample Biology, Chemistry and Physics before deciding what I wanted to do next. I chose Biology, Mathematics and Education because I wanted to capitalise on my passion for these subjects while simultaneously satisfying my desire to teach the next generation of students. What makes this course unique is the sense of community that exists among people who share the same ambition as you. It is a hands-on, placement-focused experience that supports you to become the best teacher and person you can be.

- Michael Allen, Student

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.

www.ucd.ie/myucd/biomathed

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Other courses of interest

120 » Applied Mathematics, Mathematics & Education

119 » Chemistry, Mathematics & Education

131 » Computer Science, Mathematics & Education

132 » Physics, Mathematics & Education

I am fascinated by the world around me, from the fundamental laws of our universe to the mechanisms of life itself. I have found Chemistry in UCD to be a place where my own curiosities and my passion to make a difference have been nurtured and developed. The lecturers are all kind, helpful and supportive, and their passion for their work is something I continue to find inspiring. Through UCD I was lucky enough to be awarded a scholarship to study for a term in the US, where I made many friends and grew as a chemist, and as a person. The UCD community is an incredible environment and there is a society or club for everyone.

- Liam Jowett, Student



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 total synthesis of natural products, biological aspects of nanoscience, novel material synthesis, energy generation, synthetic organic chemistry methodology development and polymer chemistry.

International Study Opportunities

Students have spent time studying at the following universities:

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

CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Chemistry & Chemical Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

118 » Medicinal Chemistry & Chemical Biology

117 » Chemistry with Environmental & Sustainable Chemistry

116 » Chemistry with Biophysical Chemistry

www.ucd.ie/myucd/chemistry


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CHEMISTRY WITH BIOPHYSICAL CHEMISTRY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200 Chemistry & Chemical Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



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

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
- Bioprocessing
- Bioengineering

Biophysical Chemistry graduates will be able to find employment in biotechnological, chemical, pharmaceutical, biomedical, food, personal care and other industries, as well as academic research worldwide. Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad.

www.ucd.ie/myucd/biophysicalchemistry

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Other courses of interest

115 » Chemistry
117 » Chemistry with Environmental & Sustainable Chemistry
118 » Medicinal Chemistry & Chemical Biology

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

- Eimear Madden, Graduate



CHEMISTRY WITH ENVIRONMENTAL & SUSTAINABLE CHEMISTRY

BSc (Hons) (NFQ Level 8)

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 have spent time studying at the following universities:

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

CAO CODE: DN200 Chemistry & Chemical Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

115 » Chemistry

118 » Medicinal Chemistry & Chemical Biology

116 » Chemistry with Biophysical Chemistry

www.ucd.ie/myucd/environmentalandsustainablechemistry


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MEDICINAL CHEMISTRY & CHEMICAL BIOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200 Chemistry & Chemical Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



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. 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

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

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

International Study Options

Students have spent time studying at the following universities:

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

www.ucd.ie/myucd/medicinalchemistryandchemicalbiology

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Other courses of interest

- 115 » Chemistry
- 105 » Cell & Molecular Biology
- 109 » Neuroscience
- 110 » Pharmacology
- 111 » Physiology

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



CHEMISTRY, MATHEMATICS & EDUCATION

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

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.

CAO CODE: DN200 Chemistry & Chemical Sciences

CAO Points Range 2019: 521-625

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

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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

- 120 » Applied Mathematics, Mathematics & Education
114 » Biology, Mathematics & Education
131 » Computer Science, Mathematics & Education
132 » Physics, Mathematics & Education

www.ucd.ie/myucd/chemmathed

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APPLIED & COMPUTATIONAL MATHEMATICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2019: 521-625

Length of Course: 4 Years

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



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

- Aidan Tully, Graduate

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 trimester in third year in partner institutions internationally.

www.ucd.ie/myucd/appliedandcomputationalmathematics

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Other courses of interest

134 » Computer Science
128 » Theoretical Physics

When I came to the UCD Open Day and saw the beautiful science building and how friendly everyone was, my mind was made up right away. When I learned about Financial Mathematics, it sounded like the perfect way to continue to study mathematics while also combining it with my interest in financial markets. I was also lucky enough to get to go abroad for my third year to UC Berkeley in California, which was an amazing experience. Studying at a different institution gave me another perspective and I think it's really helped me in my final year. I also completed an internship in the summer between third and fourth year at Credit Suisse and was able to earn credits as part of the professional placement module. After graduating, I went back to work at the same firm full time.

- Joseph Mulligan, Graduate



FINANCIAL MATHEMATICS

BSc (Hons) (NFQ Level 8)

Why is this course for me?

If you have a strong interest in Mathematics, enjoy problem solving and are interested in how Mathematics is used in business and finance, this degree in Financial Mathematics will give you an understanding of the mathematical theories that underpin financial models, as well as computational expertise in the algorithms used to price financial products. One example of a financial model included in the course is the Black-Scholes option pricing model, dating from 1973, which is one of the earliest equations developed and used to price options. Implementations of financial models, including computer programming, form a key part of the course.

What will I study?

This is a sample pathway for a degree in Financial Mathematics. Sample topics include probability theory, statistical modelling, computational 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 trimester in third year in partner institutions internationally.

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

124 » Statistics

133 » Actuarial & Financial Studies

122 » Mathematics

www.ucd.ie/myucd/financialmathematics

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MATHEMATICS THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

**Mathematical, Physical
& Geological Sciences**

CAO Points Range 2019: 521-625

Length of Course: 4 Years

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



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 by the needs of science, technology and commerce, but also by the intellectual challenges provided by the discipline itself. The interplay between mathematics and neighbouring subjects continues to yield many fascinating problems that require creative solutions. If you find mathematics interesting and enjoyable then this degree could be for you.

What will I study?

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

First Year

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

Second Year

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

Third Year

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

Fourth Year

Group Theory • Functional Analysis • Ring Theory • Stochastic Analysis • Combinatorics • Topology • Set Theory • Differential Geometry

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 trimester in third year in partner institutions internationally.

www.ucd.ie/myucd/mathematics

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Other courses of interest

133 » Actuarial & Financial Studies
134 » Computer Science
128 » Theoretical Physics

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

- Alexander Bourke, Student



Why is this course for me?

If you are interested in studying Mathematics together with an Arts and Humanities or Social Sciences subject, then this degree is for you.

Mathematics has long played a central role in our quest to fully describe and understand the natural world. Nowadays, it is also a vital tool in many of the social sciences. Those who concentrate on this subject will gain an understanding of mathematical concepts and learn how to prove key facts and solve problems using deductive reasoning.

What will I study?

Some first-year modules build on the foundations laid at Leaving Certificate or equivalent, while others will introduce exciting new aspects of the subject. It is not assumed that you will have met everything before and each topic is carefully introduced and built upon.

BA Joint Honours

Mathematics as part of a BA can be combined with one of 12 Arts and Humanities subjects including English, Music, Irish and History.

First Year

Calculus • Linear Algebra 1 • Combinatorics & Number Theory • +1 other subject • Elective module

Second Year

Topics in Mathematics include:
Multivariable Calculus • Analysis • Algebraic Structures • Linear Algebra 2 • Statistics & Probability • Graphs & Networks • The Mathematics of Google • Theory of Games • +1 other subject • Elective modules

Third Year

Complex Analysis • Geometry • Group Theory and Applications • History of Mathematics • Financial Mathematics • Differential Equations • +1 other subject • Elective modules

BSc Social Sciences

Mathematics as part of a BSc can be combined with one of seven Social Sciences subjects including Economics, Sociology and Geography.

First Year

Calculus • Linear Algebra 1 • Combinatorics & Number Theory • +1 other subject • Elective Module

Second Year

Algebraic Structures • Multivariable Calculus • Analysis • Linear Algebra 2 • +1 other subject • Elective modules

Third & Fourth Year

Mathematics topics include:

Complex Analysis • Group Theory & Applications • Geometry • Graphs & Networks • The Mathematics of Google • Financial Mathematics • History of Mathematics • Differential Equations • Statistics & Probability • Cryptography / Coding Theory • Study Abroad Opportunity • Internship Opportunity • Research Project • Elective modules

Assessment

Assessment will be through a combination of end-of-trimester written examinations, projects and continuous assessment.

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire are highly prized in a range of professions. Mathematics graduates have found highly rewarding employment in: Actuarial Science, Political Science, Journalism, Business, Sociology, Banking and Financial Services, IT, Education, Meteorology, Accounting.

Graduates may also pursue further study, including the HDip in Mathematical Science (qualifier for the MSc in Mathematical Science) and the HDip and MA in Statistics.

International Study Opportunities

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

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 2019: **336-601**

Length of Course: **3 Years**

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

In order to study Mathematics, we strongly recommend that you have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent.

Studying Mathematics as a joint major:

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

CAO CODE: DN700 BSc Social Sciences

CAO Points Range: **388-579**

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 & Special Entry Recommendations:

Same as above

Studying Mathematics as a joint major:

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

Other courses of interest

65 » Economics

62 » Economics, Mathematics & Statistics

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

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STATISTICS THROUGH SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

**Mathematical, Physical
& Geological Sciences**

CAO Points Range 2019: 521-625

Length of Course: 4 Years

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



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

- Eoin Whelan, Graduate

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 trimester in third year in partner institutions internationally.

www.ucd.ie/myucd/statistics

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Other courses of interest

121 » Financial Mathematics

133 » Actuarial & Financial Studies

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 that led me to also enrol into the MSc in Statistics in UCD after I completed my undergraduate degree.

- Cathal Ryan, Graduate



Why is this course for me?

If you are interested in studying Statistics with an Arts and Humanities or Social Science subject, then this degree could be for you.

Wherever data are collected, statistical and data analysis skills are required. Statisticians develop mathematical models for uncertainty and apply them to real data. Statistical models allow us to learn about the underlying processes that give rise to the data. The power of modern computing continues to have a major impact on both the development and applicability of statistical methods in almost every area of social science, science and business.

What will I study?

In first year, you will gain a broad overview of the basic principles of statistical modelling and reasoning, while second and third years enhance this knowledge with a mixture of theoretical and applied modules to give you a well-rounded learning experience in statistics. Notably, you will learn how to use current statistical software packages, giving insight into how statistical methods are used in practice. Statistics as part of a BA can be combined with one of nine subjects, including English and Art History.

BA Joint Honours

Statistics as part of a BA can be combined with one of twelve Arts and Humanities subjects including English, Music, Irish and History.

First Year

Statistical Modelling • Practical Statistics • Calculus • Plus other subject • Elective module

Second Year

Probability Theory • Inferential Statistics • Predictive Analytics • Bayesian Statistics • +1 other subject • Elective modules

Third Year

Time Series Analysis • Statistical Machine Learning • Monte Carlo Inference • Advanced Predictive Analytics • Multivariate Analysis • +1 other subject • Elective modules

BSc Social Sciences Joint Honours

Statistics as part of a BSc can be combined with one of seven subjects, including Economics and Sociology.

First Year

Linear Algebra • Statistical Modelling • Calculus • +1 other subject • Elective module

Second Year

Probability 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 • Research Portfolio • Internship Opportunity • Study Abroad Opportunity • +1 other subject • Elective modules

Assessment

Assessment will be through a combination of end-of-trimester written examinations, projects and continuous assessment.

Career & Graduate Study Opportunities

More and more employers are seeking to hire statisticians, as they play a key role in virtually all areas of society and science, including:

- Industries such as finance, government, economic analysis, marketing, education, health, medicine, and environmental science.
- Societal research that contributes to understanding economic and social change, informing public policymaking.
- Development of new drugs in the pharmaceutical industry.

Graduates may also pursue further study, including the MA in Statistics, HDip in Mathematical Science (qualifier for the MSc in Mathematical Science) and GradDip in Actuarial Science.

International Study Opportunities

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

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 2019: **336-601**

Length of Course: **3 Years**

DN520 Places: **420**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

In order to study Statistics, we strongly recommend that you also have at least a Grade H4 in Leaving Certificate Mathematics, or equivalent.

Studying Statistics as a joint major:

- Art History
- Drama
- English
- French
- German
- Irish
- Linguistics
- Mathematics
- Spanish

CAO CODE: DN700 BSc Social Sciences

CAO Points Range: **388-579**

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 & Special Entry Recommendations: Same as above

Studying Statistics as a joint major:

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

Other courses of interest

- 62 » Economics, Mathematics & Statistics
- 61 » Computational Social Science

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

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PHYSICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Mathematical, Physical
& Geological Sciences

 CAO Points Range 2019: **521-625**
Length of Course: **4 Years**
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



I fell in love with Physics after discovering how much I appreciated being able to see what we learned in the classroom work first-hand in the lab. After Second Year I completed my first research internship with the UCD School of Physics. I worked closely with staff to write programs to solve equations describing white dwarf and neutron stars. I found this placement beneficial as it gave me my first taste of real scientific research. I travelled to the University of Notre Dame to undertake summer internship studying radioactive materials' impact on the environment.

- Eimear Conroy, Graduate

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 • UCD Physics offers research experience to undergraduates

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

The UCD Physics degree is an accredited Physics degree and recent Physics graduates have pursued careers in the following:

- Energy technology
- Medical physics
- Meteorology
- Advanced materials (e.g. semiconductor industry)
- Geoscience
- ICT and financial industries
- Semi-state bodies such as EPA's Office of Radiological Protection.

Graduates are also eligible to apply for MSc programmes in Nanobio Science, Space Science & Technology, Nanotechnology, Medical Physics or Meteorology, or for PhD programmes in Ireland and abroad in diverse areas such as Radiation Physics, Physics of Advanced Materials, Atomic Physics, Particle Physics and Astrophysics.

International Study Opportunities

Students can apply to study for a trimester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

www.ucd.ie/myucd/physics

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Other courses of interest

128 » Theoretical Physics

127 » Physics with Astronomy & Space Science

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



PHYSICS WITH ASTRONOMY & SPACE SCIENCE

BSc (Hons) (NFQ Level 8)

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. Astronomical and 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 • Elective modules

Support is provided for students applying to summer internship programmes e.g. at ESA. UCD Physics offers research experience to undergraduates, including in the Astrophysics and Space Science research groups.

Fourth Year

Physics with Astronomy & Space Science Students 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 trimester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2019: **521-625**

Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

126 » Physics

128 » Theoretical Physics

www.ucd.ie/myucd/physicswithastronomyandspacescience

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THEORETICAL PHYSICS

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

 CAO Points Range 2019: **521-625**

 Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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



In first year, I had the opportunity to sample a number of different modules in Physics and Chemistry before eventually choosing Theoretical Physics as my degree. The combination of problem solving, mathematics and real-world examples helped me make my decision. The staff and lecturers in the UCD School of Physics are very helpful and easy to approach and consistently provide a great deal of support to students. I have travelled to CERN in Geneva with the Physics Society, which was a great experience. I also joined the UCD Surf Club where they regularly go on surf trips around Ireland as well as abroad. I travelled with the club to Taghazout in Morocco where I had an amazing time in the sun and met loads of new people outside my degree.

- Ian Smith, Graduate

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 – UCD Physics offers research experience to undergraduates

Fourth Year

Theoretical Physics (options 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 degree is an accredited Physics degree and graduates are well prepared for further research and have successfully completed PhDs in MIT, Caltech, Harvard, Princeton and Cambridge, as well as in UCD.

International Study Opportunities

Students can apply to study for a trimester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia

www.ucd.ie/myucd/theoreticalphysics

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facebook.com/UCDSscience

Other courses of interest

120 » Applied & Computational Mathematics
126 » Physics

I really enjoyed the practical and field trip sessions – there was a lot of engaging hands-on learning. I realised that I really enjoyed the concepts of Geology and I particularly liked visualising what was going on underneath the earth's surface based on the information that was available on the crust. It was like problem solving in 3-D with minimal information, while adhering to scientific belief. This provided a challenging and rewarding thought process, which I extremely enjoyed. I am currently working as an Engineering Geologist with Arup. I use my background in Geology to interpret a wide variety of ground conditions which includes soil and rock mechanics, which helps geotechnical engineers design safe and environmentally sustainable projects.

- Maria Noone, Graduate



Why is this course for me?

Geology is the study of the earth: the nature and origin of materials that make up our planet and the natural material and energy resources it provides. It explores the processes that shape the earth (e.g. climate change, earthquakes, volcanoes and landslides). Geology addresses fundamental questions regarding the structure, age and evolution of the earth, its controlling processes and the history of life. Geology impacts profoundly on many aspects of life and society.

What will I study?

This is a sample pathway for a degree in Geology. Topics include sedimentology, palaeobiology, geochemistry, mineralogy, petrology, geophysics, structural geology, tectonics, earth evolution, earth resources and applied geology. Teaching and learning is through linked lectures, seminars, practical and field classes, with opportunities also for online learning.

First Year

Geology • Mathematics • Optional Science modules • Elective module

Second Year

Geology (includes a residential field course in the west of Ireland) • + 1 other Science subject • Elective modules

Third Year

Geology (includes residential field courses in Ireland and England) • Elective modules

Work Placements & Research Opportunities

Students have the opportunity to take a work placement module and/or a research project module during Third Year or during the following summer vacation.

Fourth Year

Geology: the year begins with a field-mapping research project, with follow-up research and report completion during the remainder of fourth year. There is a 10-day residential field course, usually held in Spain.

Career & Graduate Study Opportunities

Geology graduates work in areas essential to understanding and protecting the environment, in industries using natural resources and developing infrastructure in roles such as geological surveyors, petroleum and mineral exploration and production geologists, mine geologists, hydrogeologists, oceanographers, geochemists, environmental consultants and engineering and structural geologists.

Graduate programmes include the UCD MSc in Subsurface Characterisation and Geomodelling. Graduates of this MSc course will be equipped with the skills and scientific understanding for a variety of applied geoscience careers. In addition, several UK universities offer MSc courses, in Hydrogeology, Engineering Geology, Oceanography and Mineral Exploration.

Geology as a Minor Subject

Geology can be combined with either Archaeology or Geography as a Minor subject, with most of your study being in your Archaeology or Geography Major subject through DN700 Social Sciences. Depending on your interests, you may elect to study from the following range of themes: Geology and Society; Landforms, Sediments and Life; Field Skills; Geochemistry; Earth Materials; Solid Earth Evolution. To select Geology as a Minor, select DN700 Social Sciences, choose the Two Subject Combination, then select either Archaeology or Geography with Minor subject – and pick Geology.

GEOLOGY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2019: **521-625**

Length of Course: **4 Years**

DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O2/H6 in a laboratory science (Applied Mathematics, Computer Science or Geography may be used instead of a laboratory science subject) and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

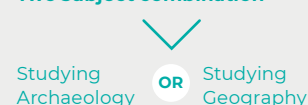
Mature Entry Route

See www.ucd.ie/maturestudents

CAO CODE: DN700

BSc Social Science

Two subject combination



With one minor subject

Geology

Other courses of interest

60 » Archaeology, Geography & History

www.ucd.ie/myucd/geology

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APPLIED MATHEMATICS, MATHEMATICS & EDUCATION

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

CAO CODE: DN200

**Mathematical, Physical
& Geological Sciences**

CAO Points Range 2019: 521-625

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

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



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

Why is this course for me?

If you're interested in Applied Mathematics and Mathematics and think you might like to teach these subjects at post-primary level, then this course may be for you. It's designed so that from the start, you study mathematics and applied mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor. The four-year BSc in Applied Mathematics, Mathematics & Education leads directly to the one-year MSc in Mathematics and Science Education. On completion of both degrees, you are fully qualified to teach Applied Mathematics and Mathematics to Higher Level Leaving Certificate Level.

What will I study?

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

First Year

Mathematics • Applied Mathematics • Education • Elective module

Second Year

Mathematics • Applied Mathematics • Education • Elective modules

Third Year

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

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.

www.ucd.ie/myucd/amathed

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Other courses of interest

114 » Biology, Mathematics & Education
119 » Chemistry, Mathematics & Education
131 » Computer Science, Mathematics & Education
132 » Physics, Mathematics & Education

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



COMPUTER SCIENCE, MATHEMATICS & EDUCATION

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

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 fully accredited by the Teaching Council in Mathematics and is awaiting further accreditation for Computer Science.

Key facts

The five-year course is fully accredited by the Teaching Council in Mathematics and is awaiting further accreditation in Computer Science.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

CAO CODE: DN200

Mathematical, Physical & Geological Sciences

CAO Points Range 2019: 521-625
Length of Course: **5 Years**
(**BSc 4 Years + MSc 1 Year**)
DN200 Places: **407**

General Entry Requirements

See pages 197 - 204

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

120 » Applied Mathematics, Mathematics & Education
114 » Biology, Mathematics & Education
119 » Chemistry, Mathematics & Education
132 » Physics, Mathematics & Education

www.ucd.ie/myucd/compmathed

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PHYSICS MATHEMATICS & EDUCATION

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

CAO CODE: DN200

**Mathematical, Physical
& Geological Sciences**

CAO Points Range 2019: 521-625

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

DN200 Places: 407

General Entry Requirements

See pages 197 - 204

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.



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

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.

www.ucd.ie/myucd/physmathed

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Other courses of interest

120 » Applied Mathematics, Mathematics & Education
114 » Biology, Mathematics & Education
119 » Chemistry, Mathematics & Education
131 » Computer Science, Mathematics & Education

I decided on Actuarial & Financial Studies because it is the best course to prepare you for a career as an Actuary, while also being broad enough to leave you with lots of options right across the financial spectrum. While the content is challenging, it is still very manageable and enjoyable. Lecturers use real-world examples to explain the material, which helps me to fully understand the concept and its uses. I am currently on my six-month work placement in a consultancy company in Dublin. Every day is quite varied, and I work on projects in life and non-life insurance and in pensions. I spend a lot of time using Excel working on different actuarial models. It has also been great to see what life is like in an actuarial company.

- George Harding, Student



ACTUARIAL & FINANCIAL STUDIES

BAFS (Hons) (NFQ Level 8)

CAO CODE: DN230

 CAO Points Range 2019: **577-625**
Length of Course: **4 Years**
DN230 Places: **47**

General Entry Requirements

See pages 197 - 204

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

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.

Other courses of interest

93 » Commerce

95 » Economics & Finance

121 » Financial Mathematics

62 » Economics, Mathematics & Statistics

www.ucd.ie/myucd/actuarialandfinancialstudies

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COMPUTER SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN201

CAO Points Range 2019: **488-613**

Length of Course: **4 Years**

DN201 Places: **110**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

We recommend that all students in Computer Science should have a minimum Grade H4 in Leaving Certificate Mathematics, or equivalent.



In school I was very interested in Maths and problem solving. After I found out more about Computer Science, I realised that it could provide me with an outlet for my love of problem solving with a practical element too. I picked UCD because I liked that their degree had more software elements than others, whilst still remaining balanced. For my Final Year project, I chose to develop a web application called Helping Hand. It connected people with others in their locality to get help with small favours such as asking for a drop of milk. After graduating I took up a position with Deloitte Ireland in their consulting department after previously completing an internship with them. Since then I've worked on different delivery teams in a large public sector client primarily in a full stack development role.

- Clíodhna Connolly, Graduate

Why is this course for me?

Do you ever wonder how Google, Skype, Internet banking or computer games work? Would you like to develop the next generation of cutting-edge computing technologies? If you'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

www.ucd.ie/myucd/computerscience

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Other courses of interest

93 » Commerce

120 » Applied & Computational Mathematics

Growing up I loved taking things apart, understanding how they worked and then enjoyed the challenge of putting them back together again. I loved Mathematics in school and studying Computer Science has given me an outlet to apply these problem-solving skills. During my first two years, I had an opportunity to gain a better understanding of my strengths and interests, which led me into opting for Computer Science with Data Science. A degree in data science provides endless career opportunities and studying in UCD makes it all the more enjoyable. UCD's elective modules have given me the ability to extend my love for sport to an academic level, completing modules in exercise and performance. As a GAA scholar, UCD has given me the best opportunity to perform and succeed with access to world-class facilities and services. - Chloe Foxe, Student



COMPUTER SCIENCE WITH DATA SCIENCE

BSc (Hons) (NFQ Level 8)

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 Start-ups

Graduates can also pursue a range of MSc or PhD programmes such as the MSc Computer Science (Negotiated Learning) or the MSc Digital Forensics and Cybercrime Investigation.

International Study Opportunities

Universities that students have visited to date include the University of Auckland, New Zealand, the University of California, Irvine, USA, and Fudan University, Shanghai, China.

CAO CODE: DN201

 CAO Points Range 2019: **488-613**

 Length of Course: **4 Years**

DN201 Places: **110**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O2/H6 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

We recommend that all students in Computer Science with Data Science should have a minimum Grade H4 in Leaving Certificate Mathematics, or equivalent.

Other courses of interest

133 » Actuarial & Financial Studies

134 » Computer Science

128 » Theoretical Physics

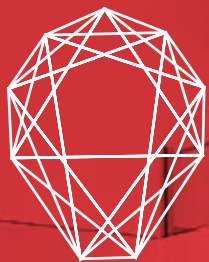
www.myucd.ie/computer-science-data-science

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HEALTH SCIENCES

UCD Health Sciences offer a range of programmes in the areas of Medicine, Radiography, Nursing, Midwifery, Physiotherapy and Sports Science. Across each college, students can expect an unparalleled level of expertise, supervision and support from their world-class lecturers and an exciting range of career prospects following graduation.

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.

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.

If you love working with and for the benefit of people of all ages and from diverse backgrounds, then **Nursing or Midwifery** could be for you. 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.

HEALTH SCIENCES

138 » Medicine

139 » Medicine

140 » Medicine (Graduate Entry)

141 » Biomedical, Health & Life Sciences

142 » Radiography

144 » Radiography

145 » Diagnostic Radiography (Graduate)

146 » Nursing & Midwifery

148 » Nursing (General)

149 » Nursing (Children's & General)

150 » Nursing (Mental Health)

151 » Midwifery

152 » Physiotherapy

153 » Physiotherapy

154 » Sport & Performance

156 » Health & Performance Science

157 » Sport & Exercise Management

As a qualified **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 movements, and ultimately improve their quality of life. In our fully equipped clinical skills laboratories, you will also benefit from clinical teaching in small groups, under the tuition of highly qualified staff.

If you have a passion for sport and want to work in an exciting global industry, the UCD **Sport & Performance** programme 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 and Performance programme to match your aspirations.

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.

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 & Professional Concepts

Health Informatics/Basic Clinical Skills/Public Health

YEAR 3 & 4

Apply your knowledge

Understanding Human Disease

Anatomy & Physiology

Pathology

Clinical Pharmacology

Microbiology

Clinical & Professional Concepts

Clinical Skills
Diagnosis &
TherapeuticsDisability Studies
Professionalism
EthicsENT &
Ophthalmology
/Therapeutics

YEAR 5 & 6

Prepare for professional practice

Hospital & Community Based Advanced Clinical Practice

Medicine

Surgery

Paediatrics

Obstetrics &
Gynaecology

Psychiatry

General
Practice

Legal Medicine

Public Health
MedicineClinical Skills
Diagnosis &
TherapeuticsDisability Studies
Professionalism
Ethics

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

Internship in the UCD Intern
Training Programme

Shape your career with UCD Medicine

HOSPITAL CONSULTANT:

Medicine, Surgery, Paediatrics, Obstetrics,
Psychiatry, Radiology, Anaesthesia

GENERAL PRACTITIONER

PUBLIC HEALTH DOCTOR

CLINICAL RESEARCH

Continue to develop your professional career with UCD...

Graduate
Entry to
Medicine
(GEM)
Two years

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



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.

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. Not only can you design your own degree with electives from across UCD, but you will enjoy a student experience that includes over 90 student societies, 60 sports clubs and a state-of-the-art student sports centre.

What will I study?

First Year

Focuses on core sciences and their application to Medicine. Highlights include: Chemistry • Biology • Physics • Genetics • Human Ethics • Healthcare Imaging • Science Medicine & Society

Second Year

Focuses on the structure and function of healthy organ systems. Highlights include: Anatomy Dissection • Interviewing patients in the community

Third & Fourth Year

Complete the study of organ systems in health and disease. Begin clinical attachments. Highlights include:

Pathology • Microbiology • Pharmacology • Neurosciences • Respiratory Diseases • Clinical Skills & Attachments in Hospitals • Clinical Diagnosis & Therapeutics • General Practice & Professionalism • ENT & Ophthalmology.

Fifth & Sixth Year

Immersive clinical attachments, instruction in the various medical specialties, clinical elective and professional completion.

Highlights include:

Medicine • Surgery • Obstetrics & Gynaecology • Paediatrics • Psychiatry • General Practice & Community Medicine • Legal Medicine • Public Health Medicine • Professional Completion

The Medicine programme combines lectures, seminars, patient educator sessions, simulations, small group tutorials and clinical bedside learning. For a full course outline, visit www.ucd.ie/myucd/med.

International Study Opportunities

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

Opportunities for Research

The Student Summer Research programme is an eight-week research opportunity that brings to life our commitment to foster a passion for enquiry, discovery and investigative research for more than 100 students each year.

Career & Graduate Study Opportunities

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. Following graduation, you 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.

MEDICINE

MB, BCh, BAO (Hons)
(NFQ Level 8)

CAO CODE: DN400

 CAO Points Range 2019: **543-625**
HPAT Score Range 2019: **167-226**
Combined Range 2019: **735-785**
Length of Course: **6 Years****
DN400 Places: **90**

**Applicants who have accepted a place in DN400 and who have previous third level credits may apply for Recognition of Prior Learning. Applicants may be granted exemption from some or all of stage 1.

General Entry Requirements

See pages 197 - 204

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/prospectivestudents/admissions/undergraduateapplicants/additionalrequirementsformedicinedn400/

Students who have previously been unsuccessful in any Medicine programme (i.e. have not met academic or other requirements within the programme) or have any issues that would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198

Other courses of interest

141 » Biomedical, Health & Life Sciences
144 » Radiography
153 » Physiotherapy
100 » Science

www.ucd.ie/myucd/med

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MEDICINE (GRADUATE ENTRY)

**MB, BCh, BAO (Hons)
(NFQ Level 8)**

CAO CODE: DN401

i GAMSAT Score Range 2019: **59-64**
Length of Course: **4 Years**
DN401 Places: **77**

General Entry Requirements

Minimum grade of second-class honours, grade 1 (2.1) in first Honours Bachelor's degree (NFQ Level 8). The degree can be in any discipline.

All applicants will be required to submit a current GAMSAT score. Places are awarded via the CAO on the basis of GAMSAT scores. Although only graduates are eligible to apply for this 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 that would affect their registration with the Irish Medical Council will only be considered for admission on a case-by-case appeal basis in exceptional circumstances, to be considered by the Medicine Programme Board.

Fees

Please refer to www.ucd.ie/fees

Further information on application process:

See the Entry to Medicine in Student Resources section on www.cao.ie

Mature Entry Route

None

Health Screening & Garda Vetting

See page 198



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 one. The GEM programme is a compact but comprehensive course and is open to students from all backgrounds; many of my class came from non-science degrees. The School of Medicine's unparalleled alumni network provides unique opportunities for international studies in both Lab Research and Clinical electives. Over two successive summers, I won scholarships offered by the School to carry out research in the University of Pennsylvania and a clinical elective in Lankenau Hospital, Philadelphia. This programme is very sociable, and I have made friends for life.

- Dr Naomi Smith, Graduate

Why is this course for me?

UCD Graduate Entry Medicine (GEM) provides an innovative, science-driven and patient-centred curriculum, delivered by world-class educators in state-of-the-art facilities.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 100 primary care practices that facilitate your learning.

This intensive, focused course is designed for students with an undergraduate degree who wish to pursue a career in medicine.

What will I study?

First & Second Year

In the first trimester, 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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Other courses of interest

178 » Veterinary Medicine (Graduate Entry)

145 » Diagnostic Radiography (Graduate Entry)

Biomedical Health & Life Sciences is a course that has exceeded my expectations. With a wide range of classes available to me, I was able to delve into my particular area of interest, which is the field of cancer. Outside of classes, I had the opportunity to carry out summer electives and a 12-week research project with a PI to expand my knowledge and enhance my learning.

The four years spent at UCD studying this course have been invaluable to me, and I now feel well equipped to enter into the world of medical research with the ultimate goal of treating human diseases!

- Phoebe Ting, Student



BIOMEDICAL, HEALTH & LIFE SCIENCES

BSc (Hons) (NFQ Level 8)

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 & Reproductive Pharmacology • Central Nervous System Diseases

Fourth Year

You will build skills in biomedical research through interactions and research rotations with international researchers in a range of disease areas. These are undertaken within the School of Medicine and its affiliated teaching hospitals.

The degree will develop your fundamental knowledge in the translation of scientific discovery into clinical utilisation.

You will take modules in:

Cloning, Gene Therapy & Stem Cells • Advanced Neurochemistry • Drug Discovery & Development • Clinical Biomarkers • Genetics, Disease & Behaviour

You will have the opportunity to be involved in peer-reviewed abstracts and publications and to present at national and international meetings.

You will experience an innovative mix of learning methods, including lectures, small group tutorials, research projects and laboratory-based learning.

Assessment methods include end-of-trimester exams, continuous assessment, report writing and oral presentations.

Career & Graduate Study Opportunities

Typically, graduates will follow scientific careers in biomedical research, undertaking MSc and PhD higher degrees. They also have a high success rate for entry to Graduate Entry Medicine programmes and pursue opportunities in the pharmaceutical and biotechnology industries, as well as other areas allied to health.

CAO CODE: DN440

 CAO Points Range 2019: **565-625**

 Length of Course: **4 Years**

DN440 Places: **40**

General Entry Requirements

See pages 197 - 204

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 198

Other courses of interest

139 » Medicine

153 » Physiotherapy

100 » Science

177 » Veterinary Medicine

www.ucd.ie/myucd/med

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RADIOGRAPHY

144 » Radiography

145 » Diagnostic Radiography (Graduate Entry)

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 UCD RADIOGRAPHY

YEAR 1 & 2

Engage with the principles

Practice of Radiography

Technology of Radiography

Radiography Clinical Practice

Clinical Human Anatomy & Physiology

Radiation Protection

YEARS 3

Refine your knowledge

Paediatric Radiography

Imaging Modalities: CT, Ultrasound & Interventional

Radiography Clinical Practice

Disease Processes

Introduction to Research

YEAR 4

Prepare for professional practice

Professional Completion

Option: Research or
Current Issues in Healthcare

Imaging Modalities:
MRI & Nuclear Medicine

Pathology

Optional International Study Abroad

Radiography Clinical 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
Obstetrics 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

Shape your career with UCD Radiography & Diagnostic Imaging

Career Opportunities

Clinical Specialist Radiographer
Radiography Services Manager
Clinical Practice Tutor
Lecturer
Researcher
Applications Specialist

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.

Continue to develop your professional career with UCD...

RADIOGRAPHY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN410

 CAO Points Range 2019: **507-625**

 Length of Course: **4 Years**

DN410 Places: **99**

General Entry Requirements

See pages 197 - 204

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 198



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

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 • Technology of Radiography • Clinical Placement • Elective modules

Second Year

Anatomy • Physiology • Practice of Radiography • Technology: RIS/PACS • Image Interpretation • Elective modules • Clinical Placement • Advanced Practice of Radiography • Radiation Protection

Third Year

Computed Tomography • Ultrasound • Introduction to Research • Mechanisms of Disease • Paediatrics • Elective modules • Clinical Placement • Cross Sectional Anatomy • Interventional Radiology

Fourth Year

Professional Completion • Legal Medicine • Magnetic Resonance Imaging • Nuclear Medicine • Research or Current Issues in Healthcare: Breast Imaging • Systematic Pathology • Erasmus opportunities • Clinical placement

Learning methods include lectures, small group tutorials, interactive demonstrations, virtual reality simulation and hands-on clinical learning at UCD and our nationwide hospital network.

Assessment methods include practical skills-based exams, image-based tests, continuous assessment, report writing and oral presentations.

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you'll work alongside radiography colleagues to learn and refine your professional skills. You will undertake in excess of 1,200 hours of hospital based training over the course of the degree programme in one of our 18 clinical training centres across Ireland.

Career & Graduate Study Opportunities

Diagnostic imaging is a growth area in Ireland and internationally. All graduates in the past five years have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills.

International Study Opportunities

Erasmus opportunities exist in fourth year, where you may spend a three-month period in one of our current partner institutions in Austria, Belgium, Finland, Greece, the Netherlands, Norway, Malta, Portugal, Slovenia, Sweden and the UK. Further elective opportunities, including to the USA, are available at various stages within the programme.

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Other courses of interest
 153 » Physiotherapy
 100 » Science

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. This programme will prepare graduates for a future career in radiography and will be delivered by our team of experienced radiography educators"

- Dr. Jonathan McNulty Associate Dean for Graduate Taught Studies & Graduate Entry Radiography Programme Director



DIAGNOSTIC RADIOGRAPHY (GRADUATE ENTRY)

BSc (Hons) (NFQ Level 8)

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 that has been developed with respect to requirements for radiography training as published by CORU, the Health and Social Care Professions Regulator, and by the Irish Institute of Radiography and Radiation Therapy.

Students will be taught by our dedicated team of over 25 lecturers and clinical training will be enhanced by the inclusion of our new 'state of the art' virtual reality training equipment and our X-ray suite facilities on site, in UCD.

What will I study?

Throughout this programme you'll undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year

Anatomy • Physiology • Practice of Radiography • Technology of Radiography • Radiology IT systems • Evidence Based Practice

Second Year

Radiation Protection • Paediatric Radiography • Computed Tomography • Ultrasound • Magnetic Resonance Imaging • Nuclear Medicine • Mechanisms of Disease • Image interpretation • Mechanisms of Disease • Advanced Practice of Radiography • Clinical Placement

Third Year (one trimester)

Systematic Pathology • Professional Completion • Legal Medicine • Clinical Placement

Learning methods include lectures, small group tutorials, interactive demonstrations, hands-on clinical learning at UCD and across our clinical network, and enquiry-based learning in the classroom and in the clinical departments.

Assessment methods include practical skills-based exams, image-based assessments, continuous assessment, report writing, oral presentations, and written examinations.

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you'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.

CAO CODE: DN411

 Length of Course: **2.5 Years**
DN411 Places: **19**

General Entry Requirements

See www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/alternativeentryroutes/graduateentrypathways/radiography/

Health Screening & Garda Vetting

See page 198.

Other courses of interest

153 » Physiotherapy
100 » Science

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NURSING & MIDWIFERY

148 » Nursing (General)

149 » Nursing (Children's & General)

150 » Nursing (Mental Health)

151 » Midwifery

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 - St. Vincent's Hospital Group (including St. Vincent's Hospital and St. Michael's Hospital, Dun Laoghaire), Mater Misericordiae University Hospital, St. John of God Hospital, Community Health Organisation East, Children's Health Ireland at Crumlin and National Maternity Hospital, and also in multiple other Dublin-based hospitals and health services in the IEHG.*

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.

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).

"The year 2020 is the International Year of the Nurse and the Midwife. In a year that saw a COVID-19 pandemic, the importance of nursing and midwifery to global health has never been more marked."

Professor Abbey Hyde,
Associate Dean for Undergraduate Studies

Your First Year Experience

As a first year nursing student or midwifery student, 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.

*Ireland East Hospitals Group (IEHG)

- Regional Hospital Mullingar
- St Luke's General Hospital, Kilkenny
- Wexford General Hospital
- National Maternity Hospital
- 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
- Community Healthcare Organisation East - Mental Health Services
- Saint John of God Hospital
- Community-based Services with IEHG

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

Specialise through UCD graduate study

Taught Graduate Programmes

Professional Certificates

Graduate Certificates

Graduate Diplomas

MSc (Nursing)

MSc (Midwifery)

Taught Graduate Programmes

MSc (Research)

Doctor of Philosophy (PhD)

Registered
General Nurse (RGN)

Registered
Midwife (RM)

Registered Psychiatric
Nurse (RPN)

Registered
Childrens Nurse (RCN)

Shape your career with
UCD Nursing or Midwifery

Career Opportunities

Clinical Nurse/Midwife Specialist

Clinical Nurse/Midwife Manager

Nurse/Midwife Educator

Advanced Nurse/Midwife Practitioner

Researcher

Lecturer

Continue to develop your professional career with UCD...

NURSING (GENERAL)

BSc (Hons) (NFQ Level 8)

CAO CODE: DN450

CAO Points Range 2019: 398-499

Length of Course: 4 Years

DN450 Places: 167

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198



I am a 2nd year Nursing student in UCD. Undertaking this degree was a big decision for me. Returning to education aged 40 with 3 children in school, I had a lot to juggle. It was a daunting task but the support available in UCD made it possible and thoroughly enjoyable. Online platforms provide excellent tools and resources and the provision of a writing and maths centre make it easy to get help when I need it. The lecturers are very friendly and are always readily available and willing to help. The mature student group is fantastic, we support each other every step of the way and I have made friends for life. I am loving my time in UCD.

- Caoimhe Guilfoyle, Student

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 & 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-trimester 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 trimester.

See www.nmhs.ucd.ie/study-with-us/erasmus.

* Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

www.ucd.ie/myucd/nursing

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Other courses of interest

150 » Nursing (Mental Health)

149 » Nursing (Children's & General)

151 » Midwifery

139 » Medicine

I was delighted to be accepted into the programme as a mature student. UCD has a great community feeling within the large campus. I found the course very well blended with children's and adult components. It gave me a great insight into role of a nurse both academically and through in-hospital clinical placements. UCD staff are progressive in their learning and encourage their students to put forward research presentations and to attend research symposiums to present their work. I was grateful to speak at two of these and this gave me a well-rounded exposure to various pathways upon graduation. I am excited for what the future offers as the past 4.5 years have been brilliant.

- John Hutchings, Mature Student



NURSING (CHILDREN'S & GENERAL)

BSc (Hons) (NFQ Level 8)

CAO CODE: DN451

 CAO Points Range 2019: **462-577**

 Length of Course: **4.5 Years**

DN451 Places: **42**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198

Why is this course for me?

Are you drawn towards helping adults and children, and making a difference to their lives while they're ill? Are you empathetic, resilient, reliable and a good communicator? Do you have an analytical, problem-solving mind? If so, this is the ideal career choice for you.

What will I study?*

Modules of theory are followed by clinical placements. Experienced lecturers and practitioners will facilitate your learning in a friendly and supportive environment, where you attend lectures, workshops and tutorials in our state-of-the-art facilities on Belfield campus. Clinical placements will help you to develop the required clinical competencies.

Modules include:

First Year

Scholarship of Enquiry • Scientific Principles • Foundations of Nursing • Psychology • Interpersonal Skills • Practice experience in a hospital setting for approximately 10 weeks

Second & Third Year

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

Fourth Year

Health & Well-being – A Sociological Context for Nursing • Leadership, Management & Quality Improvement • Preparation for Professional Role • Clinical placement/internship

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

Professional Work Experience

The majority of clinical learning takes place in our affiliated partner hospitals, all of which are national specialist centres of clinical excellence: Children's Health Ireland at Crumlin, the Mater Misericordiae University Hospital, St Vincent's Healthcare Group, and in numerous other clinical sites within Dublin-based Health Services and within the Ireland East Hospital Group.

Career & Graduate Study Opportunities

Completing this degree qualifies you as both a Registered General Nurse and a Registered Children's Nurse. Your future professional role can extend beyond clinical practice to encompass education, research and management. There are also excellent work and travel opportunities in Ireland and throughout Europe, North America, Australia and New Zealand. Your continuing professional education may also include studies at higher diploma, graduate diploma, Master's and PhD level.

International Study Opportunities

You may have the opportunity to study in a choice of European locations for a trimester between stages 2 and 4.

See www.nmhs.ucd.ie/study-with-us/erasmus.

* Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.

Other courses of interest

150 » Nursing (Mental Health)
149 » Nursing (Children's & General)
151 » Midwifery
139 » Medicine

www.ucd.ie/myucd/nursing

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NURSING (MENTAL HEALTH)

BSc (Hons) (NFQ Level 8)

CAO CODE: DN453

CAO Points Range 2019: 379-466

Length of Course: 4 Years

DN453 Places: 26

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198



I am currently in my final year of Mental health Nursing and I am grateful to have found such a challenging yet rewarding career path. This course integrates both theoretical and practical aspects of mental health nursing through classroom learning and hands on clinical placements. Over the course of my four years I have had many opportunities to gain experiences in all the different aspects of mental health care and have been supported in my learning throughout. Overall, I believe this course has opened my eyes and has provided me with great perspectives on mental health care. I would highly recommend this course to any hard-working individual who is passionate about mental health, the opportunity to provide positive changes in people's lives is a truly rewarding experience!

- Faye Garner, student

Why is this course for me?

If you want to care for the psychological, social, physical, emotional and spiritual well-being of others, becoming a mental health nurse is the first step towards a highly rewarding career.

This exciting degree prepares you to meet the mental health needs of adults and their families in the 21st century.

You will study in university and across a wide range of mental health services. Most importantly, you will learn from those who are experts by experience: people living with or who have experienced mental health difficulties. You will develop the skills to engage with those suffering mental distress or illness, as well as their families, in a positive and collaborative way, empowering them to cope and recover.

Caring for others requires you to learn how to care for yourself; we will support your learning through instruction in mindfulness, self-awareness and reflection skills.

You will also learn from Professors, Researchers, Lecturers, Registered Psychiatric and other Nurses who work across mental health and associated specialist services in the Dublin and wider East Coast region.

What will I study?*

You will study a diverse range of subjects related to understanding yourself and others emotionally, psychologically, physically, spiritually and socially. You will learn how to communicate in a therapeutic way and to support and assist people to self-manage their recovery. Modules include:

First Year

Scholarship of Enquiry • Foundations of Mental Health Nursing • Scientific Principles • Psychology & Communication • Nursing practice experience in mental health services for 11 weeks.

Second & Third Year

Health Promotion • Ageing & Health • Pharmacology & Specialist Clinical Placements such as Forensic Psychiatry • Substance Misuse • Dual Diagnosis:

Mental Health & Intellectual Disability • Child & Adolescent Psychiatry • Including a module in General Nursing. Further clinical placements will also occur each year.

Fourth Year

Leadership and Management • Evidence-based Practice in Healthcare • Clinical Placement/Internship • Preparation for the Professional Role.

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

Professional Clinical Experience

Clinical Placements, which form a significant part of the programme are completed across a number of sites throughout the partner hospital, e.g. St. John of God Hospital or CHEast, in other Dublin and Wicklow based Health Service sites and in the IEHG. Students may be placed in any IEHG site on one or multiple occasions during their programme to enable them to achieve the necessary clinical learning outcomes.

Career & Graduate Study Opportunities

You will have the opportunity to work as a Registered Psychiatric Nurse to consolidate your learning and further develop your knowledge and expertise. You can later specialise and practice as a Clinical Nurse Specialist in a wide array of areas including for example: Child and Adolescent Psychiatry, Addictions, Recovery, Eating Disorders, Rehabilitation and Psychiatry of Later Life.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a trimester. See www.nmhs.ucd.ie/study-with-us/erasmus.

* Please Note: Curriculum may be subject to change in line with NMBI Midwifery Registration Programmes Standards and Requirements.

www.ucd.ie/myucd/nursing

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Other courses of interest

148 » Nursing (General)

149 » Nursing (Children's & General)

151 » Midwifery

139 » Medicine

My name is Amy and I am in my fourth year of BSc Midwifery. This course gave me the opportunity to work with the largest maternity hospital in Ireland, the National Maternity Hospital Dublin, where I have gained invaluable experience on placement. UCD's personal tutors, lecturers and other members of staff supported and guided me through the four-year degree and my placements on clinical practice. On campus in lecture halls, classrooms and labs I learnt the theoretical knowledge and skills needed while having access to all of UCD's excellent facilities and being part of its community here in Belfield. I enjoyed my time here and couldn't have imagined going anywhere else. I'd recommend anyone considering midwifery to choose UCD.

- Amy Ashe, Student



MIDWIFERY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN452

 CAO Points Range 2019: **409-540**

 Length of Course: **4 Years**

DN452 Places: **21**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- Applicants who have previously failed to meet programme requirements in any Nursing or Midwifery programme or have any issues that would affect their registration with the Nursing and Midwifery Board of Ireland will not normally be eligible.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198

Why is this course for me?

From the moment a woman becomes pregnant, it's the start of a journey leading to one of life's greatest miracles: the birth of a baby. The term "midwife" means "with woman". Midwifery is a wonderful profession and if you'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

Essence of Midwifery Practice • Scholarship of Enquiry • Anatomy, Sciences & Physiology • Psychology related to the profession of midwifery • Practice experience in a hospital setting for 11 weeks

Second & Third Year

Midwifery Practice during Normal Pregnancy & Childbirth • Complexities in Pregnancy & Childbirth • Complexities of the Newborn • Pharmacology • Patient Safety • Ethical & Legal Aspects of Midwifery Practice • Clinical Placement

Fourth Year

Research, Leadership & Management • Enhancing Knowledge & Clinical Skills for Midwifery Practice • Clinical Placement/ Internship

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

Professional Work Experience

Clinical Placements, which form a significant part of the 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.

Other courses of interest

148 » Nursing (General)
149 » Nursing (Children's & General)
151 » Midwifery
139 » Medicine

www.ucd.ie/myucd/nursing

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Why UCD Physiotherapy?

At UCD, you will benefit from two state-of-the-art laboratories at the UCD Institute for Sport & Health. There you can comprehensively study the physiological and biomechanical analysis of human performance in health and sport. In our fully equipped clinical laboratories, you will benefit from clinical teaching in small groups led by highly qualified staff. You will gain practical experience through clinical placements in UCD teaching hospitals and other clinical centres throughout Ireland.

Your First Year Experience

You 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. 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.

STUDYING UCD PHYSIOTHERAPY

YEAR 1

Engage with the principles

Anatomy & Kinesiology	Physics & Biomechanics
Foundations of Physiotherapy Professional Practice	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 & Human Performance
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
with CORU as a
Physiotherapist

Specialise through UCD graduate study

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...

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



Why is this course for me?

This course leads to one of the most rewarding careers in healthcare, as a Physiotherapist. Physiotherapy is the study and application of the scientific knowledge and professional skills required for the promotion of optimal health and well-being of adults and children through physical means. In addition to UCD-based learning, you'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 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. Modules include:

First Year

Anatomy • Physiology • Physics • Biomechanics • Introduction to Professional Physiotherapy Practice • Exercise Science • Elective modules

Second Year

Basic Musculoskeletal, Cardiorespiratory Neurological Physiotherapy • Psychology • Professional Practice- Exercise Science • Physiotherapy Clinical Education • Elective modules

Third Year

Intermediate Musculoskeletal, Cardio-respiratory Neurological Physiotherapy • Clinical Exercise • Physiotherapy Clinical Education

Fourth Year

Professional Physiotherapy Practice • Physiotherapy in the Clinical Specialties • Physiotherapy Clinical Education • Pharmacology • Legal Medicine • Physiotherapy Research • Elective modules

Physiotherapy students have, on average, a 35-hour week. In first and second year, you will spend your time attending lectures and practical classes. In third and fourth year, the focus is

on clinical education and advanced physiotherapy skills.

A wide variety of assessment methods is used, including continuous assessment, reflective writing, practical examinations, oral examinations, presentations and end-of-trimester written papers.

Career & Graduate Study Opportunities

Graduates in Physiotherapy have found employment in different roles across the world, in:

- Hospitals and private practice
- Primary care
- Rehabilitation centres and nursing homes
- Non-governmental organisations (e.g. GOAL, Concern)
- Education
- Business, sport and leisure industries

Graduates can also apply for a range of disciplinary and general graduate taught (graduate certificate, diploma and MSc) and research (MSc and PhD) programmes in Ireland and abroad.

International Study Opportunities

These currently include Erasmus programme opportunities in third year with Université Catholique de Louvain, Belgium, as well as elective placement opportunities in fourth year in Europe, Africa, Asia and India.

Professional Work Experience

You'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).

Key facts

The full-time UCD BSc Physiotherapy degree programme is approved by CORU, the State Health and Social Care Regulator.

PHYSIOTHERAPY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN420

 CAO Points Range 2019: **542-601**

 Length of Course: **4 Years**

DN420 Places: **56**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Mature Entry Route

See www.ucd.ie/maturestudents

Graduate Entry Route

See www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/alternativeentryroutes/graduateentrypathways/physiotherapy/#d.en.475155

Health Screening & Garda Vetting

See page 198

Other courses of interest

148 » Nursing (General)

149 » Nursing (Children's & General)

151 » Midwifery

139 » Medicine

www.ucd.ie/myucd/physio

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SPORTS & PERFORMANCE

156 » Health and Performance Science

157 » Sport & Exercise Management

Why UCD Sport & Performance?

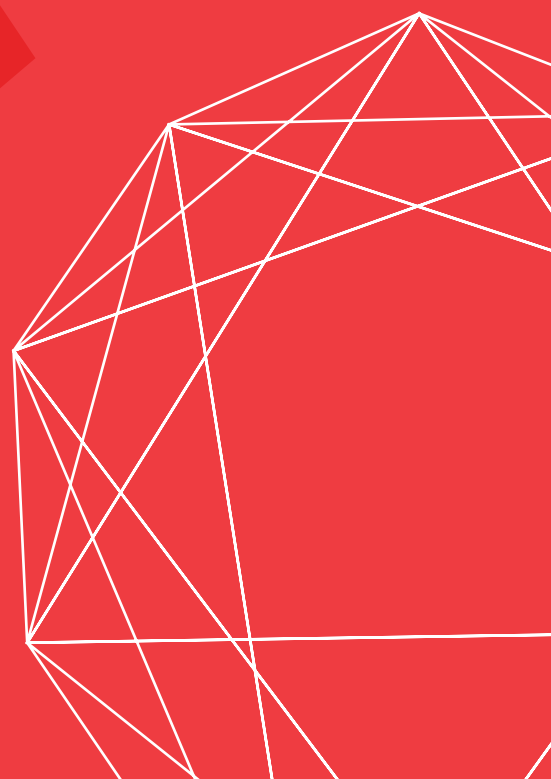
The sport, health, exercise and performance fields of study can lead to a range of exciting career paths. These include running international sports federations, supporting elite athletes, inspiring children to participate in physical activities and working alongside other professionals to improve individual 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.



STUDYING UCD SPORT & PERFORMANCE

YEAR 1

Engage with the principles

Marketing & Management of Sport

Anatomy & Kinesiology

Exercise Physiology

Cultural & Legal Foundations
of Sport & DevelopmentAcademic & Information
Technology Skills

Chemistry & Biochemistry

YEAR 2

Apply knowledge base

Economic, Event & Strategic
Management of SportPhysiology, Fitness &
Biomechanics Testing

Sports & Exercise Psychology

Sports, Coaching &
Exercise ManagementWork 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 PopulationsResearch Methods
Independent Research ProjectBiomechanics &
Injury ManagementSports, Coaching &
Exercise ManagementPhysical Activity,
Health & NutritionExercise 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
.....
PhDSport & Exercise Manager
.....
Sport & Exercise ScientistShape 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...

HEALTH & PERFORMANCE SCIENCE

BSc (Hons) (NFQ Level 8)



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 is a UCD Ad Astra Elite Athlete Scholar.)

- Thomas Boyle, Student

CAO CODE: DN425

CAO Points Range 2019: 488-546

Length of Course: 3 Years

DN425 Places: 40

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

This Level 8 Bachelor of Science degree programme produces graduates who pursue careers across a variety of settings, including high performance sport, clinical professions (e.g. physiotherapy, dietetics, medicine) and scientific research in sport and health sciences. Students develop a range of skills at the interface of science, sports performance and health across the lifespan.

What will I study?

Modules studied on the Health & Performance Science degree include:

First Year

Anatomy • Health & Fitness • Biochemistry • Physics • Exercise Physiology • Theory of Coaching • Strength & Conditioning

Second Year

Laboratory Skills • Sports Psychology • Biomechanics • Skill Acquisition • Research Methods • Exercise Prescription

Third Year

Behaviour Change • Sports Injury Management • Skill Acquisition • Statistics • Practical Case Study • Molecular Exercise Science • Research Thesis

Students attend lectures and small group practical classes. Practical classes take place in both the UCD High Performance Gym and an exercise physiology laboratory, which is British Association of Sport and Exercise Sciences (BASES) accredited.

Assessment is through a combination of end-of-trimester written examinations and continuous assessment. In your final year, you'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 trimester 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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performance.science@ucd.ie
facebook.com/MyUCD

Other courses of interest

153 » Physiotherapy
157 » Sport & Exercise Management
141 » Biomedical, Health & Life Sciences

The programme is well-structured and organised. I developed my interpersonal skills through group projects, interactive classes, social events and much more! The course has equipped me to be an effective manager in the sports industry, while also preparing me for further studies. There are a wide range of opportunities for further studies from business-related disciplines like marketing to performance-related disciplines. I really enjoyed the course and highly recommend it. (Zoe was the student with highest GPA and recipient of the Professor Conal Hooper Medal in 2019.)

- Zoe Connolly, Student



SPORT & EXERCISE MANAGEMENT

BSc (Hons) (NFQ Level 8)

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 • Digital Sport Marketing

Students specialise in one of the following:

Player Development & Welfare • Psychology of Sport & Health • Application of Coaching Science

Work Placement

Students undertake a 10-week structured work placement either in Ireland or abroad, during the summer following second year. This provides invaluable practical and networking experience, which will improve employment prospects upon graduation.

Third Year: Develop Experience

Exercise & Public Health • Research Methods for Sport • Professional Skills for Sport Managers • Communication & Media in Sport

Students study both core modules and their selected specialisation. They also undertake an individual research project, which imparts critical skills in project design and management, in response to current issues within the broader sports industry.

Students spend an average of 40 hours per week attending lectures, studying independently and preparing for assessment.

A combination of end-of-trimester exams, research papers, group projects, presentations, practical experiences and in-class tests are used throughout this 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 trimester in the USA, Canada, Australia and New Zealand, through one of the Sport & Exercise exchange agreements.

CAO CODE: DN430

 CAO Points Range 2019: **436-554**
Length of Course: **3 Years**

DN430 Places: **40**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198

Other courses of interest

156 » Health & Performance Science

153 » Physiotherapy

72 » Social Policy & Sociology

93 » Commerce

www.ucd.ie/myucd/sportperformance

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AGRICULTURE, FOOD & NUTRITION

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 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, forestry, horticulture, food and human nutrition leaders. Our graduates have an excellent record in obtaining challenging and fulfilling

employment in a variety of sectors. These sectors include: food, agriculture, forestry, horticulture, health, business and services. You will develop professional skills for enterprise management, technical service and consultancy, management, research, education, marketing, communications and primary production of quality food, non-food (amenity plants) and fibre products.

Students will be exposed to the latest scientific discoveries and knowledge that underpins each of our four-year honours degree 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.



AGRICULTURE, FOOD & NUTRITION

Agriculture

- 161 » Agricultural Science
- 162 » Agricultural Systems Technology
- 163 » Agri-Environmental Sciences
- 164 » Animal & Crop Production
- 165 » Animal Science
- 166 » Animal Science – Equine
- 167 » Crop Science
- 168 » Dairy Business
- 169 » Food & Agribusiness Management
- 170 » Food Business with Chinese Studies
- 171 » Forestry
- 172 » Horticulture

Food & Nutrition

- 173 » Food Science
- 174 » Human Nutrition

The winning UCD School of Agriculture and Food Science team with Niall Browne, CEO Dawn Meats, and Nina Prichard, Head of Sustainable and Ethical Sourcing, McDonald's UK & Ireland. The UCD School of Agriculture and Food Science team claimed the 5th Great Agri-food Debate title for a fourth time after it was declared overall winner at this year's contest at Queens University in Belfast.

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 14 entry routes has a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies.

You will also have an opportunity to take one or more introductory modules from any of our courses in first year, providing you with an insight into the subsequent stages of each degree available within UCD Agriculture, Food & Nutrition. This is particularly beneficial for Agricultural Science (DN250) students, who choose their preferred degree at the end of first year.

STUDYING UCD AGRICULTURAL SCIENCE

YEAR 1

Explore your options

Biology

Chemistry

Maths

Physics

Agricultural Science Optional Modules

YEARS 2, 3 & 4

Choose your pathway*

Agri-Environmental Sciences

Agricultural Systems Technology

Animal & Crop Production

Animal Science

Animal Science - Equine

Crop Science

Dairy Business

Food & Agribusiness Management

Food Business with Chinese Studies

Forestry

Horticulture

Professional Work Experience (PWE)

Optional Study Abroad

Subject Specific Modules

BAgrSc (Honours)

Specialise through UCD graduate study

Taught & Research Master's of Science (MSc)

Agricultural Extension & Innovation

Animal Science

Environmental Resource Management

Food Business Strategy

Food, Nutrition & Health

Horticulture

Humanitarian Action

Sustainable Agriculture & Rural Development

Wildlife Conservation & Management

Doctor of Philosophy (PhD)

Research & Academia

Specialise through UCD graduate study

Nutritionist

Teacher

Accountant

Farm Manager

Horticulturist

Geneticist

Food Safety Inspector
Quality Assurance Officer
Agricultural Consultant
Agricultural Inspector
Data Analyst

Scientist
Researcher
Principal Investigator
Lecturer
Professor

Marketing Manager

Journalist

Business Manager

Technical Sales Manager

Communications Manager

Banker, Stockbroker

Technical Engineer

Policy Analyst

Production Manager

Food Technologist

Microbiologist

Government Official
Development Officer
Project Manager
County Heritage Officer
Forester

Conversion/Complimentary 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

Jumping for Joy:
The UCD AgSoc
Careers Committee
at the largest ever
UCD Agriculture,
Food Science and
Human Nutrition
Careers Day. This
year's event was
attended by 50
exhibitors seeking
to recruit students
from the UCD Class
of 2020.



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 eleven 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:

- Agri-Environmental Sciences
- Agricultural Systems Technology
- Animal & Crop Production
- Animal Science
- Animal Science – Equine
- Crop Science
- Dairy Business
- Food & Agribusiness Management
- Food Business with Chinese Studies
- Forestry
- Horticulture

Students interested in progressing to the Food Business with Chinese Studies degree must undertake three Chinese language modules by the end of year one.

What will I study?

All our degrees have a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies. Science modules are taught on the basis that you have not studied the subject before.

First Year

Core subjects include: Animal Biology & Evolution • Cell & Plant Biology • Physics • Mathematics for Agriculture • Introductory Chemistry • Agricultural Economics & Business • Information Skills • Agricultural Science Optional Modules.

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-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

BAGrSc graduates have an excellent record in obtaining challenging and fulfilling roles. Careers in sectors such as food, agriculture, business and services include:

- Enterprise management
- Technical service and consultancy
- Research
- Education
- Marketing and communications
- Primary production of quality food and fibre products

You can also pursue a wide range of graduate studies by research or examination (Master's and PhD) in areas such as:

- Environmental resource management
- Humanitarian action
- Rural development
- Business
- Information Technology
- Education

Higher and graduate diplomas are also available.

Professional Work Experience (PWE) & International Study Opportunities

PWE is an integral part of the degree and takes place in third year. Part, or all, of PWE can be taken abroad. PWE provides an opportunity for you to network, experience many different roles and, in some instances, even secure a job prior to graduation.

There are opportunities to study abroad for one trimester during third year, in universities in Australia, New Zealand, Europe and the USA, among others.

AGRICULTURAL SCIENCE

BAGrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

i CAO Points Range 2019: **420-625**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
- You can only apply for DN250 ONCE. If successful, you will be guaranteed a place in the degree option applied for.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

163 » Agri-Environmental Sciences
168 » Dairy Business
171 » Forestry
172 » Horticulture
165 » Animal Science

www.ucd.ie/myucd/ag

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AGRICULTURAL SYSTEMS TECHNOLOGY

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents



Growing up on a beef farm in County Offaly, I have always been involved in farming and felt Agricultural Science was the best path for me. I chose Agricultural Systems Technology as I have always had a keen interest in not only farming but engineering, technology and understanding why things do what they do.

For third year I travelled to Brisbane, Australia where I spent a trimester abroad studying at the University of Queensland advancing my agricultural knowledge. I got the opportunity to further my studies in programming and food-based technology subjects while experiencing new people and cultures. With the demand for technology increasing and the global population rising, this is the perfect course to combine agriculture and technology to better our world.

- Claudia McCormick, Student

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 • Information Skills

Second Year

Agricultural Engineering Principles • Animal, Crop & Soil Science • Applied Biostatistics • Agricultural Microbiology • Food Physics • Food Macronutrients • Computer Programming

Third Year

Agricultural Mechanisation (engines, hydraulics, components and machinery systems) • Sensors & Sensing Systems • GIS & Remote Sensing • Business Management • Data Structures & Algorithms • Numerical Methods for Agricultural Technology • Professional Work Experience (PWE)

Fourth Year

Precision Agriculture (crops) • Precision Livestock Management • Optical Sensing Technology • Databases & Information Systems • Experimental Project • Life Cycle Assessment • Quantitative Risk Assessment • Waste Management

Students will spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertaking independent study.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

Graduates will find rewarding and challenging employment in agri-food industries, including:

- Production Agriculture
- Environmental Protection
- Consulting
- Equipment Manufacturing
- Agri-Tech

Typical roles include technical and managerial positions in:

- Production
- Service Provision
- Environmental Protection
- Information Technology
- Manufacturing
- Process & Product Design

There are also excellent graduate study opportunities to specialise in Environmental Technology, Food Engineering, Sustainable Energy and Green Technology.

International Study Opportunities

There are opportunities to study abroad for one trimester in third year. Possibilities include:

- University of California, USA
- University of Queensland, Australia
- Michigan State University, USA
- Kansas State University, USA
- Purdue University, USA

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Centre, Belfield, Dublin 4

agandfoodprogrammes@ucd.ie
@UCDAgFood

Other courses of interest

161 » Agricultural Science
167 » Crop Science
163 » Agri-Environmental Sciences
168 » Dairy Business
171 » Forestry
182 » Engineering

My deep-rooted interest in agriculture and the environment made choosing Agri Environmental Sciences at UCD easy. The learning experience you get is a wide and varied one, where you gain knowledge of Agri-Environmental schemes such as pest management, soil science applications, climate, carbon and everything in-between. The course gives you exposure to all aspects of agriculture and the environment through lectures, practicals and field trips. Being able to apply skills through field trips to completing assessments while learning from experts is one of the main benefits of AES. I represented UCD in squash in the Leinster League and the All Ireland intervarsities, while also being secretary for the club. This allowed me to interact with many other students from different degrees and universities.

- Henry Tennyson, Student



AGRI-ENVIRONMENTAL SCIENCES

BSc (Hons) (NFQ Level 8)

Why is this course for me?

This degree focuses on sustainable management of natural resources (soils, water, air, plants, animals, landscapes) within the context of agriculture and other land-based industries, and protection of the rural environment for future generations. This specialist applied science degree will equip you for a career at the interface between production agriculture and environmental protection, by giving you:

- An understanding of rural environmental issues in Ireland, the EU and globally.
- A detailed knowledge of sustainable agriculture and land management practices.
- The skills to contribute to farming and land-use industries, as either a scientist, advisor, consultant, planner or policymaker.
- First-hand experience of agri-environmental research as a basis for further studies.
- Interpersonal and professional skills required in a wide range of career paths.

What will I study?

First Year

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 • Agricultural Botany • Soil Science • Applied Zoology • Microbiology • Introductions to Crop & Animal Science. On completion of second year, you develop field skills through a week-long residential field course in the Burren, Co. Clare.

Third & Fourth Year

Focuses on environmental management in agriculture (e.g. management of soils, nutrients, pests, diseases), while you learn practical field and lab based skills e.g. landscape analysis using GIS. You will also

study policies, schemes and practices to protect rural environments. In fourth year, you complete advanced modules in agri-environmental management, modelling, rural conservation and sustainable agriculture, and you conduct a supervised research project and produce a thesis. This provides an opportunity to study a topic of your own choice more deeply, and gain practical experience of research and scientific writing.

Students spend an average of 40 hours per week attending lectures, tutorials and laboratory-based practical classes, and in undertaking independent study. A combination of continuous assessment and end-of-trimester written examinations is used. A number of modules also involve written assignments and/or project-based work.

Career & Graduate Study Opportunities

Many graduates follow career paths as environmental advisors, planners or consultants. Others work in State agencies that require both agricultural and environmental management skills, including: Department of Agriculture, Food & the Marine, Teagasc, Environmental Protection Agency, National Parks & Wildlife Service, Local Authorities. A high proportion of AES graduates go on to further studies at postgraduate level.

Professional Work Experience (PWE) & International Study Opportunities

A 16-weeks period of structured PWE takes place in third year. Assisted by a dedicated lecturer, students arrange the placements themselves, on a farm and with an environmental agency or company. This is a fantastic chance to get new experiences, make industry contacts, and put theory from classes to practical use. You can also elect to study abroad for one trimester, at universities including:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia

CAO CODE: DN250

 CAO Points Range 2019: **420-625**

 Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

161 » Agricultural Science

164 » Animal & Crop Production

171 » Forestry

172 » Horticulture

196 » City Planning & Environmental Policy

www.ucd.ie/myucd/ag

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ANIMAL & CROP PRODUCTION

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents



I chose UCD as it is an esteemed college and is recognized internationally for Agricultural courses. There is good diversity in the subjects we study providing endless opportunities for when we enter the working world. At first, UCD was a little daunting however the strong community in the animal and crop production course, the interactions between the years and the excellent Ag Soc committees quickly made me feel at home. Professional Work Experience (PWE) is the most vital part of our course and is what makes UCD stand out from other institutions. We are encouraged to diversify into the many sectors of Agriculture to gain experience. PWE brings together the theory from the modules completed in first and second year through practical knowledge and experience and prepares you for the more specialised modules you study in fourth year.

- Leyla Byrne, Student

Why is this course for me?

This degree gives you a broad knowledge of the science and business of both animal and crop production and their interactions in a constantly changing environment. You will develop:

- Knowledge of the growth, development and improvement of farm animals and crops.
- Knowledge of the agribusiness industry.
- The capacity to formulate economical and sustainable animal and crop production systems.
- The capacity for lifelong learning so you remain informed of evolving technical, economic and regulatory frameworks.
- Communication and IT skills.

What will I study?

First year concentrates on developing the basic sciences, before the focus moves to more applied sciences. You can also choose elective modules, while the facilities at UCD Lyons Farm are widely used as teaching aids in the final two years of the 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

Dairy Production • Beef Production • Sheep Production • Grass & Cereal Production • Farm Business Management • Professional Communications

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertake independent study. In third and fourth year, students make regular visits to UCD's Lyons Farm.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

Graduates are employed in a wide variety of areas, such as:

- Agribusiness
- Animal and crop industries
- Consultancy
- Semi-state or government agencies
- Financial services
- Print, radio and television media

This is also a very suitable degree if you intend to pursue full-time farming or combine part-time farming with a professional career. Research opportunities to Master's and PhD level are available.

Professional Work Experience (PWE) & International Study Opportunities

Between January and August in third year, you undertake a period of PWE in Ireland or abroad. You can also study abroad in trimester one of third year, at universities including:

- Lincoln University, New Zealand
- Iowa State University, USA
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA
- Cornell University, USA

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@UCDAgFood

Other courses of interest

161 » Agricultural Science
163 » Agri-Environmental Sciences
167 » Crop Science
168 » Dairy Business
165 » Animal Science

Agricultural Science at UCD is a broad degree while also offering students the opportunity to focus their studies in an area of agriculture that is of interest to them. UCD is highly regarded on the world stage so my decision to study here was easy. This course allows for students to gain experience in all the necessary academic and professional settings with time spent in lectures, labs, industry and of course on farm. PWE is an important aspect of your time spent at UCD for networking with future employers and potentially gaining employment post-graduation. A highlight of my time spent studying agriculture were events organized by AgSoc, the agricultural society on campus. Agricultural Science at UCD is an opportunity you will be glad to have taken.

- Niall Hurson, Student



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

Dairy Production • Beef Production • Sheep Production • Non-Ruminant Animal Production (Swine, Poultry) • Animal Health, Behaviour & Welfare • Grass & Forage Production

Students spend an average of 40 hours a week attending lectures and tutorials and participating in laboratory-based practicals, and undertake independent study. In the final two years, students make regular visits to UCD Lyons Farm to get hands-on practical experience.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

A range of opportunities exists, including:

- Animal feed industry
- Procurement, processing and marketing of animal products
- Education
- Consultancy
- Farming and enterprise management
- Journalism

Graduate research opportunities exist at Master's and PhD levels.

Professional Work Experience (PWE) & International Study Opportunities

A five-month PWE placement takes place in third year and may be taken as a combination of on-farm, agribusiness and research centre placements. Some of this may be taken abroad (e.g. USA and New Zealand). In addition, an opportunity exists to take a trimester abroad.


Possibilities include:

- University of Illinois, USA
- Kansas State University, USA
- University of Queensland, Australia
- Michigan State University, USA
- Purdue University, USA

ANIMAL SCIENCE

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

 CAO Points Range 2019: **420-625**
Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

161 » Agricultural Science
167 » Crop Science
168 » Dairy Business
164 » Animal & Crop Production
177 » Veterinary Medicine

www.ucd.ie/myucd/ag

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ANIMAL SCIENCE EQUINE

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents



Choosing to study Animal Science - Equine at UCD has provided me with the strong foundation I need to pursue a career in the equine industry. Lectures are delivered by researchers who are experts in their fields and passionate about their subject which makes for challenging and yet exciting class discussions. Outside of class I thoroughly enjoyed life at UCD and took advantage of lots of extracurricular activities on offer. I got involved with the Horse Racing Society. The highlight of my time in UCD was my six-month professional work experience (PWE) in third year, which I completed in Hunter Valley Farm, Kentucky, USA. Here I gained practical experience rearing and producing young thoroughbreds. My time at UCD has been unforgettable, providing me with many life-long friends and memories.

- Hayley Rooney, Student

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-trimester examinations are used.

Career & Graduate Study Opportunities

In addition to the career opportunities available to Animal Science graduates (see page 165), 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 Illinois, USA
- Texas A&M University, USA
- Iowa State University, USA
- Purdue University, USA

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@UCDAgFood

Other courses of interest

161 » Agricultural Science
168 » Dairy Business
165 » Animal Science
177 » Veterinary Medicine

UCD has partnered with the leading agribusiness company, Origin Enterprises plc to develop the next generation of digital tools for use by the farmer and agronomist. CONSUS is a €17.6m programme over 5 years, which is jointly funded by Science Foundation Ireland and Origin Enterprises.

CONSUS, is a collaborative research programme focused on the application of precision agriculture to crop production with a particular emphasis on optimisation of agri-food production systems leading to more efficient food production with lower environmental impacts. The outcomes from this research programme will deliver a step-change in crop agronomy tools and practices, leading to enhanced global competitiveness and inform teaching on the new Crop Science degree programme.

- Professor Kevin McDonnell, Programme Director



Why is this course for me?

Agronomy is the science of crop production and soil management, leading to improvements in crop yield and quality. Environmental challenges, production of biofuels, and the growing demand for major food crops like wheat and rice, make agriculture and crop science a vital subject for our future well-being. You will learn about the science, production and management of crops, from genes and cells through to fields, farms and the development of future crops from subject experts who are active researchers in the most rapidly developing area of agriculture and agri-business.

What will I study?

First year concentrates on developing the basic sciences, before the focus moves to more applied sciences.

First Year

Chemistry · Physics · Mathematics · Biology · Introduction to Animal & Crop Science

Second Year

Soil Science · Microbiology · Agricultural Botany · Arable Crop Production · Business Management

Third Year

Plant Diseases · Pesticide Use · Integrated Pest Management · Control of Weeds · Soil Science · Nutrition · Professional Work Experience (PWE)

Fourth Year

Farm Business · Cereal Production · Organic Agriculture · Forest Production · Emerging Crop Pathogens · Climate & Soils · Plants & Diets

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practicals and undertaking independent study.

A combination of continuous assessment and end-of-trimester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

The potential opportunities for graduates are in a wide variety of areas such as

- Agribusiness
- Brewing and malting sectors,
- Crop advisory work for state organisations
- Private consultancy
- Financial services

This is also a very suitable degree if you intend to pursue full-time farming or combine part-time farming with a professional career. Research opportunities to master's and PhD level are available.

International Study opportunities

The programme is designed to allow you to take the Autumn Trimester abroad in third year in an international university such as:

- Kansas State University, USA
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA
- Cornell University, USA

CROP SCIENCE

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: **420-625**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

161 » Agricultural Science
162 » Agricultural Systems Technology
164 » Animal & Crop Production
165 » Animal Science
177 » Veterinary Medicine

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DAIRY BUSINESS

BAgrSc (Hons) (NFQ Level 8)



Growing up on a dairy farm and having a keen interest in the sector, gave me the confidence to put Dairy Business in UCD down as my number one choice on my CAO application. Travelling to New Zealand to work on a 1,100 cow dairy farm for my professional work experience was the trip of a lifetime. This experience along with our time spent studying in Teagasc Moorepark were definitely some of the highlights of the course for me. In Moorepark we received lectures from some of the top researchers in the industry and had the opportunity to visit some of the best dairy farms in the country. The experience and knowledge gained throughout my time in UCD has allowed me to make better decisions on our 190-cow dairy herd home farm where I work part-time, along with securing the position of Dairy Technical Journalist with AgriLand media.

- Emma Gilsenan, Graduate

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

· O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

The Irish dairy industry is in a time of significant change, following the abolition of EU milk quotas on March 31, 2015. This change brings significant challenges and opportunities for young, highly skilled graduates from the Dairy Business 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 trimester two of third year, you study at Teagasc, Moorepark in areas including:

- Grassland Management & Nutrition
- Dairy Systems
- Applied Breeding & Fertility
- Herd Health
- Dairy Business Project.

In fourth year, you'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-trimester examinations. Assessment of PWE involves monthly reports, a final report and an interview, upon completion.

Career & Graduate Study Opportunities

In addition to the highly skilled role of dairy farm management, opportunities exist in a wide variety of areas including:

- Research
- Animal feed industry
- Banking
- Teaching
- Consultancy

Research opportunities to Master's and PhD level are available.

Professional Work Experience (PWE)

PWE takes place between July and December (first trimester, third year) and offers you the opportunity to visit New Zealand at the busiest time of the dairy farming calendar.

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Other courses of interest

161 » Agricultural Science
164 » Animal & Crop Production
165 » Animal Science
166 » Animal Science – Equine
167 » Crop Science
169 » Food & Agribusiness Management

This programme focuses on the business of the food industry and encourages you to open your mind to the opportunities available for businesses. 3rd and 4th year of the Food & Agribusiness Management programme is highly focused on preparing students for professional work. There is a great deal of practical real-life projects looking at issues companies face such as developing marketing plans for new businesses or investigating new product lines for existing companies in a global setting. There is great support from every member of staff and other students. UCD may be a large university but the agriculture and food school is a community. PWE gives you the opportunity to get first-hand experience in areas such as sales, procurement, quality, marketing, HR and management.

- Tommy Meade, Student



FOOD & AGRIBUSINESS MANAGEMENT

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

i CAO Points Range 2019: **420-625**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

· O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

During the Food & Agribusiness Management degree, you'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 will 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 · Spreadsheets · Professional Work Experience (PWE)

Fourth Year

Enterprise Development & Strategy · Agricultural Policy · Farm Business Management · Communications & Marketing · Research Project · Agri-Taxation

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practical classes and undertaking independent study.

A combination of end-of-trimester written examinations and innovative continuous assessment is used. In your final year, you'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.

International Study opportunities

You will spend the second trimester of your third year working in the food and agribusiness industry in Ireland or abroad. This helps you apply the knowledge you have gained, and can lead directly to employment following graduation.

There are also opportunities to take a trimester abroad in third year. Possibilities include:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA
- Lincoln University, New Zealand

Key facts

Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.

Other courses of interest

161 » Agricultural Science
168 » Dairy Business
170 » Food Business with Chinese
173 » Food Science
172 » Horticulture

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FOOD BUSINESS WITH CHINESE STUDIES

BAgrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Language Recommendations

Chinese speakers at HSK6 or native speaker standard are not eligible for Chinese language.

Please Note:

Students interested in progressing to the Food Business with Chinese Studies degree option must undertake three Chinese language modules by the end of year one.



I am currently studying Food Business with Chinese Studies at UCD and I am loving every minute of it. This course has allowed me to meet so many new people. The brand-new Confucius Institute, overlooking one of UCD's beautiful lakes, is a building dedicated to Chinese studies and my favourite building on campus. Ireland and China have been building up strong trade links, especially in the food and drink sector. There will be no shortage of employment for a student who understands agribusiness and has obtained fluency in Chinese. All of third year is spent in Renmin University in Beijing, one of China's top business schools. Students are given the opportunity to immerse themselves in Chinese culture and broaden their knowledge of the language. The combination of food, business and learning the Chinese language, makes this a unique course.

- Eoin Gaine, Student

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 & Control • Soil Science • Intermediate Spoken Chinese 1 & 2 • Intermediate Written Chinese 1 & 2 • Option Modules

Third Year

Students will complete year three of their studies at Renmin University of China (RUC) in Beijing, where you will take intermediate or advanced Chinese language courses and a range of interesting and relevant modules. There will be a limited number of language scholarship opportunities available on a competitive basis that will cover tuition fees and accommodation for either one or two trimesters in China.

In addition to the benefit of a structured academic programme, students will also experience first-hand the diverse culture of China and the vibrant economic growth that the second largest economy in the world has to offer. Living and studying in a different cultural environment will provide students with an eye-opening and life changing experience that will also help you make friends and develop networks across the globe.

Fourth Year

Food & Agricultural Strategy • International Food Marketing • Agricultural Policy • Enterprise Development • Advanced Chinese 1 and 2 • Chinese Economy • Doing Business in China • Option modules

Career & Graduate Study Opportunities

As the agri-food sector becomes more knowledge intensive, education and skills development are even more critical for career success. This 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.

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Other courses of interest

161 » Agricultural Science

168 » Dairy Business

169 » Food & Agribusiness Management

172 » Horticulture

173 » Food Science

My passion for the environment and rural development along with looking for a career with a mix of field and office-based work lead me to forestry. The diversity of the forestry programme in UCD is what appealed to me from the start. I carried out my professional work experience with Coillte. During this time, I was a member of the Establishment & Harvesting Team, gaining substantial experience in these fields. Following completion of my placement, I was awarded a certificate of excellence from UCD and am currently undertaking the Coillte Graduate Programme. The forestry industry in Ireland is growing rapidly, with a number of diverse opportunities available to graduates.

- James Kinsella, Graduate



Why is this course for me?

Forestry is the science, art and practice of managing forests. Forestry in Ireland operates under the paradigm of 'Sustainable Forest Management'. This requires foresters to seek to achieve a balance across all the productive functions of our forests – economic, social and environmental.

The UCD Forestry degree provides the scientific knowledge and transferable skills to ensure our graduates contribute positively to the ongoing expansion of the Irish forestry sector.

Forestry students will:

- Learn about managing forest systems for the production of timber, renewable energy, carbon sequestration, biodiversity, adaptations for climate change, wildlife management, biodiversity, soil and water protection.
- Gain skills in forest planning, remote sensing, the use of geographical information systems and forest modelling.
- Develop the capacity for life-long learning that enables them to stay abreast of developments in policy, technology and the sciences that underpin forestry practice.

What will I study?

A broad science-based first year is followed by forestry-focused topics in subsequent years. Fourth year is largely project-based and allows students to combine all of their accumulated skills and knowledge, while further developing their ability to communicate effectively.

First Year

Biology • Chemistry • Physics • Mathematics • Economics • Trees & Forests in Ireland • Elective modules

Second Year

Tree Structure & Function • Principles of Forestry • Professional Forestry Practice • Soil Science • Business Management • Agricultural Botany • Elective modules

Third Year

Forest Management • Forest Protection • Silviculture • Forest Harvesting • GIS & Remote Sensing • Forest Inventory & Sampling • Elective modules • Professional Word Experience (PWE)

Fourth Year

Forest Inventory & Management Plan • Experimental Design • Forest Planning • Forest Policy & Law • Scientific Research Project • Elective modules

Career & Graduate Study Opportunities

Forestry graduates find employment in all areas of the sector, including:

- State and semi-state agencies
- Forest management and consultancy
- Wood processing and renewable energy
- Environmental agencies
- Education and research
- Forestry contractors

Many graduates set up their own forestry businesses. Other opportunities include information technology, land-use planning and financial services. Research to master's and PhD levels is available.

Professional Work Experience (PWE) & International Study Opportunities

Forestry students complete four months' PWE and are encouraged to gain experience in various aspects of forestry both in Ireland and abroad. In third year, a number of forestry students have studied for a trimester in:

- Michigan State University, USA
- University of Vermont, USA
- Iowa State University, USA

FORESTRY

BAGrSc (Hons) (NFQ Level 8)

CAO CODE: DN250

CAO Points Range 2019: **420-625**

Length of Course: **4 Years**

DN250 Places: **267**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

161 » Agricultural Science
163 » Agri-Environmental Sciences
172 » Horticulture
173 » Food Science

www.ucd.ie/myucd/ag

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HORTICULTURE

BAgrSc (Hons) (NFQ Level 8)



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. Following my degree, I completed a Master's at UCD in Sustainable Agriculture and Rural Development.

- Niamh Flannelly, Graduate

CAO CODE: DN250

CAO Points Range 2019: 420-625

Length of Course: 4 Years

DN250 Places: 267

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Why is this course for me?

Our World faces immense challenges; climate change, mass migration from the countryside to mega cities, food shortages, excess consumption, food waste and pollution. Through the sustainable cultivation of plants and an increase in plant-based diets, many of these challenges can be overcome. Plants provide the oxygen we breathe, the food we eat, our shelter and medicines. This course covers the sciences, environmental studies, business, management and communication skills related to growing food and non-food plants. You will also study the science behind developing and maintaining Ireland's designed landscapes, golf courses, tennis courts and sport pitches. The objectives of this degree are to give you:

- Knowledge of the growth, development and protection of plants, and use of plants for food, leisure, sports, social and environmental benefits.
- An understanding of horticultural plant production systems and how their components are integrated and managed in an environmentally friendly and sustainable manner.
- The skills to become a competent, competitive and confident leader who will excel in the national or global horticulture community as a professional horticulturist or horticultural scientist.

What will I study?

You will study core science subjects in first year, and then develop your horticulture knowledge with specialist modules.

First Year

Plants & 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, participating in industry site visits, field and greenhouse workshops, and undertaking independent study and research.

Assessment includes continuous assessment (e.g. class tests, essays) and end-of-trimester written examinations. In your final year, assessments are largely based on the project reports.

Career & Graduate Study Opportunities

This degree maintains strong links with the horticulture industry. Career opportunities include management, technical advisory, consultancy, research, quality assurance and sales or marketing positions, working for companies or within your own business. Opportunities also exist in state, semi-state, EU and international organisations. Your transferable skills will also make you highly employable in other industries. Master's and PhD degrees are also available.

Professional Work Experience (PWE) & International Study Opportunities

All or part of your five-month PWE in third year can be taken abroad, with possibilities including Japan, New Zealand, Australia, USA, Britain and Europe. Studying abroad for one trimester is also a popular option for many students.

- Cornell University, USA
- University of Queensland, Australia
- Lincoln University, New Zealand

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Other courses of interest

161 » Agricultural Science
163 » Agri-Environmental Sciences
171 » Forestry
173 » Food Science
172 » Landscape Architecture

The food industry is expanding, exciting and resilient and the Food Science programme at UCD was an obvious choice for me. UCD provides so many opportunities within the degree. My personal highlight of the degree was spending a trimester at Purdue University in 3rd year. This afforded me the opportunity to gain a broader outlook and see how an American University of huge magnitude approached the Food Science programme. I was fortunate to be awarded a Study Abroad Scholarship from UCD that contributed towards this experience of a lifetime.

On completion of the Food Science degree you will be competent to enter the global food industry in any role.

- Niall Durkan, Student



Why is this course for me?

Food Science develops your scientific knowledge of how to produce high-quality, safe and nutritious foods for the global market. As a food scientist, you will have a role to play in all aspects of the food chain, from production at farm level to the retailer and to the consumer.

What will I study?

First Year

Focuses on the core sciences of 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.

Assessment involves end-of-term written exams and a variety of continuous assessments designed to develop skills for success, including report writing, oral, poster and video presentations, and food formulation exercises.

The UCD Food Science 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.

Career & Graduate Study Opportunities

Graduates have excellent employment prospects with national and international companies in:

- Production management
- Nutrition
- Food quality and safety
- Sales and marketing
- New product development and research

There are also excellent graduate study opportunities available.

Professional Work Experience (PWE) & International Study Opportunities

Five months PWE in the food industry in third year is an integral part of the degree. Students are also encouraged to take a trimester abroad and participate on the Study Abroad Programme. Possibilities include:

- Michigan State University, USA
- Purdue University, USA
- Kansas State University, USA
- University of California, Davis, USA
- University of Queensland, Australia
- Cornell University, USA.



FOOD SCIENCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN261

 CAO Points Range 2019: **434-577**

 Length of Course: **4 Years**

DN261 Places: **46**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Other courses of interest

- 161 » Agricultural Science
- 169 » Food & Agribusiness Management
- 174 » Human Nutrition
- 170 » Food Business with Chinese Studies
- 172 » Horticulture

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HUMAN NUTRITION

BSc (Hons) (NFQ Level 8)



I applied to study Nutrition due to my fascination with food and health, and my desire to work with people. The small size of the course and the support from the lecturers meant I felt comfortable from the get-go. My favourite part of the course was my 10-month placement in CHI, at Crumlin. This allowed me to develop vital skills working alongside Dietitians. In conjunction with my studies, I became heavily involved in UCD Volunteers Overseas – an NGO and student society based in the college. This summer, I will travel to Uganda for the sixth time as a volunteer member of a nutrition team in a hospital, as well as a primary care clinic under the leadership of a dietitian. This opportunity has opened my eyes to the possibility of working for an NGO after graduation.

- Leah Foyle, Student

CAO CODE: DN262

CAO Points Range 2019: 493-566

Length of Course: 4 Years

DN262 Places: 33

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

• O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Health Screening & Garda Vetting

See page 198

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 Lifestages • Physiology for Nutrition • Nutrition Research modules

Third & Fourth Year

10-month PWE • Molecular, Public Health & Clinical Nutrition • Nutrition & Communication • Food Regulation • Research Project

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory workshops, and undertake independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In third and fourth year, you'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. A number of students also progress to postgraduate taught study each year with the MSc in Clinical Nutrition & Dietetics programme at UCD a particularly popular option.

Building a healthy world is a core strategy for UCD and the internationally recognised research groups in food and health have resulted in substantially increased recruitment into PhD and MSc (research) posts.

Professional Work Experience (PWE) & International Study Opportunities

A 10-month PWE programme allows you to graduate with the skills necessary to enter the working world.

Opportunities for international study exist through the PWE component and, upon graduation, through world-class research groups in international universities.

Key facts

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.



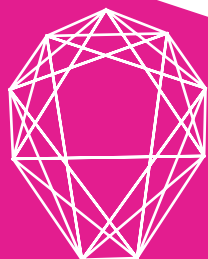
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Other courses of interest

- 173 » Food Science
- 139 » Medicine
- 156 » Health & Performance Science
- 161 » Agricultural Science
- 172 » Horticulture



VETERINARY MEDICINE

177 » Veterinary Medicine

178 » Veterinary Medicine (Graduate Entry)

179 » Veterinary Nursing

VETERINARY MEDICINE

UCD Veterinary Medicine is the only centre for veterinary medical education in Ireland. It enjoys a long and proud tradition, and the school has achieved an international reputation. It provides excellent facilities for the care of animals and offers outstanding training opportunities for veterinary medical and veterinary nursing students.

Why UCD Veterinary Medicine?

UCD Veterinary Medicine is one of the leading veterinary schools in Europe. As well as having Irish 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)

Graduate
Entry
(One-year)

Normal Structure & Function

Animal Production, Behaviour & Welfare

EMS: Animal Handling Competencies

Option Electives

Professionalism

Epidemiology

YEARS 3 & 4

Paraclinical and clinical sciences

Pathobiology & Infectious Disease

Surgery

Medicine

Herd Health

Professionalism

Veterinary Public Health

Clinical EMS

Applied Therapies

YEAR 5

Prepare for professional practice with clinical rotations (themes)

Small Animal Clinical Studies

Farm Animal Clinical Studies

Diagnostic Imaging

Anaesthesiology

Emergency Medicine

Clinical Reproduction

Herd Health

Surgery

Diagnostic Pathology

Clinical Pathology

Equine Clinical Studies

Clinical EMS

Elective Study

Extramural Studies (opportunities to study abroad)

MVB (Honours)

Specialise through UCD graduate study

Taught Graduate Programmes

Examples:

Dairy Herd Health

Small Animal Medicine

Equine Sports Medicine

Master's (Taught & Research) & PhD

Negotiated Programmes Available

Veterinarian

Practice Owner

Practice Partner

Practice Assistant

Animal Charities

Shape your career with UCD Veterinary Medicine

Career Opportunities

Biomedical Research

Government Agencies

Industry Consultancy

International Organisations
(WHO, FAO)

Academic Teaching

Research

Continue to develop your professional career with UCD...

Studying Veterinary Medicine in UCD is something that I had dreamed of. The actual course content, including the material we learn and practical skills we gain, is what I was most looking forward to and this definitely has lived up to my expectations! However, what I didn't anticipate and appreciate, is the genuine sense of community and friendship in the Veterinary Building that exists among classes, across year groups and between staff and students alike. 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



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 six veterinary schools in Europe currently accredited by the American Veterinary Medical Association (AVMA). The veterinary profession is concerned with the promotion of the health and welfare of animals of special importance to society. This involves the care of healthy and sick animals, the prevention, recognition, control and treatment of their diseases and of diseases transmitted from animals to man, and the welfare and productivity of livestock.

The study of Veterinary Medicine necessitates using animal-derived material in some classes. Any animal tissue used in classes is ethically sourced in full compliance with the university's ethical review body. Anyone who objects unreservedly to the use of animal material in teaching should not enter the veterinary medicine 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 & Population Medicine • Veterinary Public Health • Professionalism

Fifth Year

Clinical rotations in the UCD Veterinary Hospital (see year five in model opposite) • Elective studies • Clinical experience • Professionalism

During the first four years, students spend an average of 40 hours per week attending lectures, tutorials and practical classes, with some practical classes taking place at UCD Lyons Farm. During the final year, clinical rotations take place mainly in the UCD Veterinary Hospital and can involve early mornings and some late-night work. Students are also expected to undertake independent study.

A combination of end-of-trimester written, practical and competency examinations, along with in-trimester continuous assessment, is used throughout the 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.

VETERINARY MEDICINE

MVB (Hons) (NFQ Level 8)

CAO CODE: DN300

CAO Points Range 2019: **567-625**

Length of Course: **5 Years**

DN300 Places: **82**

General Entry Requirements

See pages 197 - 204

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 2018 and 7th July 2021. For full details and to complete your records of experience please visit: www.ucd.ie/registry/admissions/vet.html

Students who have previously been unsuccessful in any Veterinary Medicine programme (i.e. have not met academic or other requirements within the programme) will only be considered for admission to Veterinary Medicine in UCD on a case-by-case appeal basis, to be considered by the relevant Programme Board.

Please note: Biology at Leaving Certificate is not required but it is strongly recommended.

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Graduate Entry Route

See <http://www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/veterinarymedicine/>

Mature Entry Route

None

Other courses of interest

139 » Medicine

165 » Animal Science

161 » Agricultural Science

141 » Biomedical, Health & Life Science

www.ucd.ie/myuc/vetmed

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VETERINARY MEDICINE (GRADUATE ENTRY)

MVB (Hons) (NFQ Level 8)

CAO CODE: DN301

 Length of Course: **4 Years**
DN301 Places: **6**

Entry Requirements

See www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/alternativeentryroutes/graduateentrypathways/veterinarymedicine/

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.



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

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 that demonstrate how this knowledge is applied in the practice of veterinary medicine, and gain a firm grounding in animal welfare, behaviour and handling. A key objective will be to ensure that you have the required knowledge, skills and competencies to progress to second year. Between second and fourth year, you'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:

1. Hold an honours degree (NFQ Level 8) in a biological, biomedical or animal science discipline at the level of a 2.2 Honours or above, a Master's degree or a PhD.
(Graduates of any discipline are welcome to apply for entry to the five-year MVB programme. Up to five places will be made available in DN300).
2. Are EU applicants (i.e. not deemed "Non-EU" applicants for purposes of fees).

Graduate entry candidates will be assessed on a combination of:

- i) GAMSAT score
- ii) educational performance
- iii) a personal statement outlining their motivation to study Veterinary Medicine.
- iv) animal handling experience in at least two 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

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Other courses of interest

140 » Medicine (Graduate Entry)

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



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.

All students must pass a veterinary nursing skills exam to graduate and register as a veterinary nurse in Ireland. This exam is held in year four of the programme.

Career & Graduate Study Opportunities

In addition to the highly skilled role of veterinary nursing in the practice environment, strong demand exists for qualified veterinary nurses in a number of related fields:

- Animal nutrition
- Pet insurance
- Pharmaceutical industry
- Practice management
- Animal welfare
- Charitable work
- Education

You will also have the opportunity to pursue graduate studies, thereby actively contributing to academic and research fields both within your profession and in related sciences.

VETERINARY NURSING

BSc (Hons) (NFQ Level 8)

CAO CODE: DN310

 CAO Points Range 2019: **441-555**

 Length of Course: **4 Years**

DN310 Places: **44**

General Entry Requirements

See pages 197 - 204

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

Other courses of interest
177 » Veterinary Medicine
165 » Animal Science

www.ucd.ie/myucd/veymed

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ENGINEERING

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

182 » Engineering

184 » Biomedical Engineering

185 » Chemical & Bioprocess Engineering

186 » Civil Engineering

187 » Electrical Engineering / Electronic Engineering

188 » Mechanical Engineering

189 » Structural Engineering with Architecture

Why UCD Engineering?

At UCD, we provide a first-class education across our engineering disciplines, which are variously accredited by Engineers Ireland, the Institution of Chemical Engineers (IChemE) and the Institute of Materials, Minerals and Mining (IoM3). Whatever the specialisation, we place considerable emphasis on the mastery of analytical skills and the use of quantitative methods. Study is based on solid mathematical, scientific and engineering principles. Essentially, these are the fundamentals of engineering and they will enable you to navigate successfully through the challenges you will face in your future career. We work with industry to ensure that our programmes produce graduates who are highly skilled and trained to address the problems that organisations and society face. We also pride ourselves on being research intensive and our curricula engage students in a culture of academic excellence and inquiry. This, coupled with the fact that our lecturers are experts in their fields, makes UCD the first choice for anyone interested in engineering.

Your First Year Experience

Your first year in Engineering at UCD will see you immersed in a completely new life from both an educational and a social perspective. Educationally, the first year is a common year that allows you gain an understanding of the many engineering disciplines available, before you specialise. This year will be spent intensively learning and discovering how to solve problems through physics, chemistry, mathematics and computing, as well as gaining exposure to engineering subjects such as mechanics, energy engineering, creativity in design and electronic and electrical engineering.

Throughout the year, you will be presented with information about the various specialisations and given advice to guide you in making the right decision when choosing your engineering pathway at the end of first year.

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 2019: 511-625

Length of Course: 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places: 289

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology



If you have an enquiring mind, a desire to innovate and develop solutions to problems that have real social, societal and economic impact, you will find an engineering education both stimulating and rewarding. Whether your interests lie in agri-food, business, communications, energy, 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.

- Professor Aoife Ahern, Dean of Engineering

Studying Engineering at UCD

At UCD, we offer the widest possible choice of engineering disciplines and are committed to the on-going development of both discipline specific and interdisciplinary teaching and research. We provide a rigorous education in the fundamental engineering subjects and help you to develop problem-solving and design skills, based on maths and physics. As a UCD Engineering student, you will enrol in a common first year, which allows you to gain an understanding of the many different engineering disciplines available, before being offered an unrestricted choice of specialisation, subject to health and safety-based capacity constraints. We have the widest range of degree choices in the country and, after completing this common first year, you can choose your second-year pathway from one of the following:

- Biomedical Engineering
- Chemical & Bioprocess Engineering
- Civil Engineering
- Electrical or Electronic Engineering
- Mechanical Engineering
- Structural Engineering with Architecture

Your chosen area of specialisation in second year will also offer routes to further branches of engineering at a master's level. The range of study and career opportunities that can be accessed through our bachelor's and master's degree options is illustrated on the 'Studying UCD Engineering' diagram. You can choose a Bachelor of Engineering Science, BSc [3 years], a Bachelor of Engineering, BE [4 years] or a Master of Engineering, ME [5 years].

Since 2013, the educational standard for the professional title of Chartered Engineer (Engineers Ireland) has been an accredited master's degree programme in engineering or equivalent. In the School of Chemical & Bioprocess Engineering, the 4-year BE degrees meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers [ICChemE].

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.

www.ucd.ie/myucd/eng

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[Facebook.com/UCDEngArch](https://www.facebook.com/UCDEngArch)
[youtube.com/UCDEngArch](https://www.youtube.com/UCDEngArch)

Other courses of interest

134 » Computer Science
126 » Physics
139 » Medicine
97 » Sustainability

STUDYING UCD ENGINEERING

YEAR 1

Explore your options

Physics

Chemistry

Mathematics

Energy Engineering

Mechanics

Electrical/Electronic

Creativity in Design

Engineering Computing

These core modules are supplemented by a range of option modules that will enable you to develop within your chosen specialisation and areas of interest.

YEARS 2 & 3

Choose your pathway

Biomedical

Chemical & Bioprocess

Civil

Electrical/Electronic

Mechanical

Structural Engineering with Architecture

Optional Study Abroad

YEARS 4 & 5

Focus on your area(s) of specialisation

Graduate with a Bachelor of Engineering

BE (4 years) Bachelor of Engineering

Biomedical

Chemical & Bioprocess**

Chemical with Biochemical Minor**

Civil

Electrical

Electronic

Mechanical

ME (5 years) Master of Engineering

Biosystems & Food*

Biomedical

Chemical & Bioprocess

Civil, Structural & Environmental

Electrical Power

Electronic & Computer

Energy Systems

Engineering with Business

Materials Science & Engineering

Mechanical

Optical Engineering

Structural Engineering with Architecture

Professional Work Experience

Graduate with a Master of Engineering

Specialise 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

Taught & Research Master's

Business & Media

Construction

Design

Education

Energy

Environment

Finance

Food

Healthcare

Information & Communications Technology (ICT)

Management

Manufacturing

Pharmaceuticals

Research & Academia

Continue to develop your professional career with UCD...

*The ME Biosystems and Food Engineering is accessible from all Engineering Pathways.

** Both BE degrees meet the educational standard for the professional title of Chartered Engineer, through the Institution of Chemical Engineers (IChemE).

BIOMEDICAL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

CAO CODE: DN150

CAO Points Range 2019: 511-625

Length of Course: 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places: 289

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology



Biomedical engineering is a very innovative field, with 13 of the top 15 biomedical companies present in Ireland. In UCD you are taught engineering principles to explore the world of clinical medicine, developing technologies and biology through a highly project based syllabus and interactive classes. The placement aspect of the course provides invaluable experience to develop real world professional competencies. My ME degree in Biomedical engineering has enabled me to pursue a prosperous R&D career in the medical device industry performing meaningful work and I would highly recommend this course to anyone.

- Michael Rodgers, Graduate

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 of Biomedical Engineering. You can study for a PhD and work with some of the world's leading experts on ground-breaking research.

International Study Options

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University, there are options to study in countries such as France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME Biomedical Engineering programme. Six to eight-month internships (the majority of which are paid) have included the following employers: BD Medical, Boston Scientific, DePuy Synthes, Medtronic, Novartis, Palliart and ResMed.

www.ucd.ie/myucd/eng

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youtube.com/UCDEngArch

Other courses of interest

182 » Engineering
187 » Electrical/Electronic Engineering
188 » Mechanical Engineering
139 » Medicine

My time in UCD studying Chemical & Bioprocess Engineering enabled me to grow both academically and personally. The school was supportive and flexible, offering me a huge range of experiences, from short term placements, to a Junior Year abroad and a research project in the National Institute of Bioprocessing Research & Training. I've gained global exposure to the front line of chemical and bioprocess biotechnology innovation. The empowering teaching and responsibility extended to me gave me the tools and environment to achieve my goals. After I graduated in 2019, I was able to put my knowledge and skills gained throughout the course into direct practice as a graduate engineer in a biopharmaceutical company.

- Eleanor Thornton, Graduate



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.

Both the BE and ME degrees are accredited at the master's level by the Institution of Chemical Engineers, while our ME has achieved master's level accreditation by Engineers Ireland.

International Study Options

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University, there are options to study in countries such as France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.


Professional Work Experience (PWE)

PWE is incorporated in the ME Chemical & Bioprocess Engineering programme. Six- to twelve-month paid internships (the majority of which are paid) have included the following employers: AbbVie, Alexion, APC, BMS, GSK, 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 2019: **511-625**

Length of Course: **4 Year (BE) + 1 Year (ME)**

DN150 Places: **289**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

At the end of Year 2, students can choose either the BE in Chemical & Bioprocess Engineering or the BE in Chemical Engineering with Biochemical Engineering Minor. Both can lead to the ME in Chemical & Bioprocess Engineering.

At the end of Stage 3, students can choose either to pursue a 4-year BE or 5-year Integrated ME degree pathway, subject to meeting GPA requirements.

Other courses of interest

182 » Engineering

184 » Biomedical Engineering

115 » Chemistry

116 » Chemistry with Biophysical Chemistry

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CIVIL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

CAO CODE: DN150

CAO Points Range 2019: 511-625

Length of Course: 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places: 289

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology



Although I came into the engineering programme without a notion as to what discipline to pursue, with the help of the support services available in UCD, I elected for the Civil Engineering degree and haven't regretted it since. The course allowed me to develop strong relationships with the students and staff alike and with the assistance of UCD Global and the engineering faculty, I embarked on the Erasmus programme and spent a summer internship abroad. I went on to pursue my master's in Civil, Structural & Environmental Engineering in UCD and as part of that I did a placement in the Netherlands with an offshore geotechnical company called Fugro that involves a lot of travel and hands-on practical work, something that attracted me to civil engineering in the first place. I am now a PhD candidate in TU Delft.

- Kevin Duffy, Graduate

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 & Environmental Engineering and Engineering with Business. Graduates can also apply for positions in PhD research programmes.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University, there are options to study in countries such as France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME programme. Eight-month internships (the majority of which are paid) have included the following employers: AECOM, Arup, ESB, Malone O'Regan, MJH Structural Engineers, O'Connor Sutton Cronin, Roughan & O'Donovan, RPS and Sisk.

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[youtube.com/UCDEngArch](https://www.youtube.com/UCDEngArch)

Other courses of interest

- 182 » Engineering
- 188 » Mechanical Engineering
- 189 » Structural Engineering with Architecture
- 195 » Landscape Architecture

At school, I was attracted to engineering because I love maths and physics and wanted to apply these in the real world. After getting the opportunity to try out all the disciplines of engineering in my first year, I was surprised that I loved electronic engineering the most. I had no experience in coding or circuits but it didn't matter as you can learn it all as you go. I would highly recommend anyone thinking of engineering to choose UCD. It offers students a high standard of education and stretches the students to achieve their potential. Having completed the undergraduate degree, there was no shortage of jobs to choose. I chose to join Qualcomm as a Hardware Engineer. Here, I help to design cutting-edge chips that are in everything from 5G phones to cars and I really love my job.

- Aileen McCabe, Graduate.



Why is this course for me?

Electrical and Electronic Engineers have revolutionised the way we live today. As an electronic or electrical engineer, you can lead the way in designing technologies that will shape our world, using creative ways to generate and handle electricity and information. Electronic engineers have developed the technologies we use for communication, data analytics, eHealth, smart homes and vehicles, entertainment and many other things, including smartphones and the Internet. Electrical engineers are also developing new ways to solve the world's energy problems by harnessing renewable energy sources like wind and ocean energy.

What will I study?

First Year

Engineering students follow a common first year. Modules include:

Chemistry · Creativity in Design · Electrical/Electronic Engineering · Energy Engineering · Engineering Computing · Mathematics · Mechanics · Physics

Second to Fifth Year

Students on this degree follow the same pathway until their third year, when they specialise in either Electrical or Electronic Engineering. Modules include:

Electrical & Electronic Circuits · Electromagnetics · Digital Electronics · Electrical Energy Systems · Communication Systems · Electromagnetic Waves · Signal Processing · Analogue Electronics · Power System Engineering · Radio-Frequency Electronics · Neural Engineering · Renewable Energy Systems · Power System Operation.

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based assignments and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you will undertake a substantial project, involving a combination of research and design in your area of interest. This will be assessed using reports, presentations and an interview.

Career & Graduate Study Opportunities

You will be involved in projects that make a difference to the world, e.g. harnessing new sources of energy or developing advanced digital technologies. Exciting opportunities exist in areas such as designing new means of communication, novel transportation systems or the next generation of multimedia devices, studying the human brain, working with electrical energy systems or developing new imaging techniques.

You can also pursue graduate study internationally or as part of a UCD Master's degree, e.g. ME in Biomedical Engineering, ME in Electronic & Computer Engineering, ME in Electrical Power Engineering, ME in Engineering with Business or ME in Optical Engineering.

International Study Opportunities

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University. There are options to study in countries such as Australia, Canada, France, Germany, Singapore, Switzerland and USA.

Professional Work Experience (PWE)

Professional Work Experience (PWE) is incorporated into the ME programmes. Six- to eight-month internships (the majority of which are paid) have included the following employers: Accenture, Analog Devices, Bank of America, Eirtech Robotics, EirGrid, ESB, FoodMarble, Intel, Mainstream Renewable Power, Microsoft, Workday and Xilinx.

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 2019: 511-625

Length of Course: 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places: 289

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

Other courses of interest

130 » Computer Science with Data Science
122 » Mathematics
184 » Biomedical Engineering
134 » Computer Science

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MECHANICAL ENGINEERING

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)



UCD has opened so many opportunities for me, from meeting new people to developing many valuable skills to allow me to choose from a wide range of career paths. I decided to study Mechanical Engineering because it has a great balance between theory and practical problems as well as being a very flexible degree. From day one, you are challenged with the task of becoming a problem solver, critical thinker but with an important focus on being able to communicate and present ideas to others. There has always been a very clear connection between the work we do and real-world application, making it very satisfying.

-Aaron Gilmartin, Student

CAO CODE: DN150

CAO Points Range 2019: 511-625

Length of Course: 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places: 289

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Why is this course for me?

Mechanical engineers help improve our world. We face unprecedented challenges, from understanding climate change, to managing global mobility, to finding sustainable growth pathways for the burgeoning population in the developing world. Mechanical Engineering in UCD provides you with the education, skills and knowledge you'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: Calculus • Chemistry • Creativity in Design • Electrical/Electronic Engineering • Energy Engineering • Engineering Computing • Linear Algebra Mathematics • Mechanics • Physics

Second to Fifth Year

Sample modules for Mechanical Engineering students include: Mechanical Engineering Design • Mechanics of Fluids • Materials Science & Engineering • Heat Transfer • Electrical & Electronic Circuits • Manufacturing Engineering • Mechanics of Solids • Professional Engineering • Engineering Thermodynamics • Applied Dynamics • Biomechanics • Measurement & Instrumentation • Control Theory

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops, design projects and undertaking independent study.

A combination of end-of-trimester written examinations and continuous assessment is used. In your final year, you'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 have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University, there are options to study in countries such as France, Spain, China, Australia, Canada, Germany, USA, Singapore, 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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[youtube.com/UCDEngArch](https://www.youtube.com/UCDEngArch)

Other courses of interest

- 182 » Engineering
- 184 » Biomedical Engineering
- 189 » Structural Engineering with Architecture
- 162 » Agricultural Systems Technology

I chose Structural Engineering with Architecture because it was a great way of combining my interests in maths, physics, art and the built environment. UCD offers an excellent balance of technical knowledge and soft skills. I was able to develop my knowledge of structural analysis and design while also working on skills such as communication, creative-thinking, and problem-solving. My fourth-year work placement allowed me to further develop my understanding of structures and to contribute to live construction projects. My UCD degree gave me the best possible start to my career as a structural engineer. My work is challenging but very rewarding. I can see the value of my designs when they become physically realised on site to become buildings that people can enjoy.


- Roseanne Dizon, Graduate



STRUCTURAL ENGINEERING WITH ARCHITECTURE

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9)

CAO CODE: DN150

 CAO Points Range 2019: **511-625**

Length of Course: **3 Years (BSc) (Hons) + 2 Years (ME)**

DN150 Places: **289**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish and two other recognised subjects

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

None

Level 6/7 Progression Routes

Yes, see www.ucd.ie/transfer

Mature Entry Route

See www.ucd.ie/maturestudents

Special Entry Recommendations

It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology.

Why is this course for me?

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

Engineering & Architecture of Structure 2 • Design & Communications • Construction Materials & Practice • Solid Mechanics • Geotechnics 1 • History & Theory of Structures 3 • Computer Applications • Statistics, Probability & Multivariable Calculus

Third Year

Structural Analysis 1 & 2 • Structural Design 1 • Geotechnics 2 • Group Design Project • History & Theory of Structures 4 • Energy Systems

Fourth Year

Structural Design 2 • Geotechnics 3 • Structural Dynamics • Advanced Materials • Innovation Leadership, followed by 8-month work placement

Fifth Year

Structural Analysis • Structural Design • Research Project • Case Studies • Bridge Engineering • Professional Engineering

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 Options

Students have the opportunity in their third year to spend either one or two trimesters studying abroad in a partner University, there are options to study in countries such as France, Spain, China, Australia, Canada, USA, Singapore, New Zealand.

Professional Work Experience (PWE)

Professional Work Experience (PWE) is incorporated in the ME programme. Eight-month internships (the majority of which are paid) have included the following employers: Arup, Meinhardt (London), OBA Consulting Engineers, O'Connor Sutton Cronin, Thornton Tomasetti (New York) and Waterman Moylan.

Other courses of interest

193 » Architecture

186 » Civil Engineering

196 » City Planning & Environmental Policy

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ARCHITECTURE, PLANNING & ENVIRONMENTAL POLICY

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.

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). In addition, UCD's architecture course has International Certification from the National Architectural Accrediting Board (NAAB) in the USA.



ARCHITECTURE, PLANNING & ENVIRONMENTAL POLICY

193 » Architecture

195 » Landscape Architecture

196 » City Planning & Environmental Policy

189 » Structural Engineering with Architecture

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. Alumni of these programmes also include many of the leading figures in their profession, whose work is widely recognised nationally and internationally, including the 2020 Pritzker Prize Laureates, 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 a Master of Architecture at 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

UCD Architecture has a very extensive list of 30+ partners in Europe and worldwide, opportunities to date have included:

- University of Sydney, Australia
- Kungl Tekniska Hogskolan Stockholm, Sweden
- University of British Columbia, Vancouver, Canada
- National University of Singapore
- Technische Universität München, Germany
- University of California, Berkeley, USA

Key Fact

We are the only college in Ireland with professional accreditation/ international certification 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 2019: 473-613

Length of Course:

3 Years BSc (Architectural Science)(Hons)(NFQ Level 8) + 2 Years (MArch)(NFQ Level 9) or 4 Years BArchSc (Hons)(NFQ Level 8)

DN100 Places: **57**

General Entry Requirements

See pages 197 - 204

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

RIBA 



Other courses of interest

195 » Landscape Architecture

189 » Structural Engineering with Architecture

196 » City Planning & Environmental Policy

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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

Design

Cell &
Plant Biology

Archaeology

YEARS 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

Environmental Policy

Design

Planning & Development Studio

Environmental Change & Policy

Urban Design

Introduction to Spatial Planning

Research Methods

History of City Planning

Making the Irish Landscape

Understanding Landscape

Inequality & Social Justice in Irish Society

YEARS 2 & 3

Deepen your understanding

Community Development & Planning

Smart Cities

GIS

Rural Change, Development & Planning

Housing Policy, Neighbourhoods & Homes

Urban & Regional Economics

Socio-Spatial Dynamics

Achieving the Sustainable Development Goals

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 chose to study Landscape Architecture at UCD due to my love of design, nature and the outdoors. I was always interested in society and the way that people live. This course at UCD offers a wide range of exciting modules in various related topics such as land use, the environment, planning, ecology, and urban design. The design studio is central and has prepared me for my future career by allowing me to build on my environmental knowledge, design skills while using technical and technological approaches. This degree has offered me a wide range of exciting opportunities, e.g. a trimester abroad, various class trips around Ireland and Europe and an internship in a Landscape Architecture firm. I completed my exchange at The University of Hong Kong, which proved to be the most exciting and rewarding opportunity of my life.

-Niamh Conlon, Student



Why is this course for me?

If you love design, nature and the outdoors, are interested in society and the ways that we live, and want to make a better, more sustainable future for our towns, villages and 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.

Internship / International Study Options

Internship Option

There is an optional 6-8 month internship module in Stage 3 of the BSc Landscape Architecture. Internship employers have included AECOM, Austen Associates, Bernard Seymour Landscape Architects, Murray & Associates, South Dublin County Council, and Summerhill Landscapes (New York).

International Study Option

Students have the opportunity in their third year (Spring Trimester) to study abroad in a partner University.

LANDSCAPE ARCHITECTURE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN120

CAO Points Range 2019: **353-485**

Length of Course: **4 Years (BSs)(Hons)**

DN120 Places: **27**

General Entry Requirements

See pages 197 - 204

Leaving Cert Subject Entry Requirements

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

Other School Leaving Examinations

See www.ucd.ie/admissions

Level 5/6 QQI-FET

See www.ucd.ie/FET

Level 6/7 Progression Routes

None

Mature Entry Route

See www.ucd.ie/maturestudents

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 Architects [IFLA-Europe].



IRISH LANDSCAPE INSTITUTE
INSTITIÚID TÍRDHREACHA NA hÉIREANN



IFLA
INTERNATIONAL FEDERATION
OF LANDSCAPE ARCHITECTS

Other courses of interest

193 » Architecture

196 » City Planning & Environmental Policy

171 » Forestry

172 » Horticulture

www.ucd.ie/myucd/arch

UCD Engineering and Architecture Programme
Office, Engineering and Materials Science Centre,
Belfield, Dublin 4

eng.arch@ucd.ie | +353 1 716 1868

Facebook.com/UCDEngArch | youtube.com/UCDEngArch

CITY PLANNING & ENVIRONMENTAL POLICY

BSc (Hons) (NFQ Level 8)

CAO CODE: DN130

CAO Points Range 2019: 367-534

Length of Course: **3 Years (BSc) (Hons)(+1 Year CPEP International)(+ 1 Year Master's) (NFQ Level 9)**

DN130 Places: **31**

General Entry Requirements

see pages 197 - 204

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 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).



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 • Environmental Economics • Inequality & Social Justice in Irish Society • Planning & Development Studio

Second Year

Local Planning • Community Development & Planning • Geographical Information Systems • Smart Cities • Urban & Regional Economics • Case Studies in Environmental Policy • Social Spatial Dynamics • Rural Change • Development & Planning

Third Year

Housing Policy • Neighbourhood & Homes • Planning Law • Achieving the Sustainable Development Goals • Environmental Management • Planning Society & Diversity • Place Making • Environmental Transportation Planning • Climate Policy & Politics • Rural & Landscape Planning

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 at UCD: The Master of Regional & Urban Planning, the Master of Urban Design & Planning or the Master of Environmental Policy. This will ensure you gain the necessary professional accreditations, including that of the Irish Planning Institute and the Royal Town Planning Institute.

Graduates find employment in:

- Government and local authorities
- Planning and environmental consultancies
- Local and regional development organisations
- Private companies (marketing/location/real estate/infrastructure)
- Non-governmental organisations (environmental/heritage/ international development)

International Study Opportunities

Students have the opportunity in their third year to spend a year studying abroad either inside or outside Europe. Students who opt for this international experience will complete their undergraduate studies in four years (rather than three).

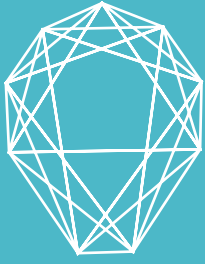
www.ucd.ie/myucd/arch

UCD Engineering and Architecture Programme
Office, Engineering and Materials Science Centre,
Belfield, Dublin 4

eng.arch@ucd.ie | +353 1 716 1868
Facebook.com/UCDEng Arch
youtube.com/UCDEngArch

Other courses of interest

66 » Geography
193 » Architecture
195 » Landscape Architecture
186 » Civil Engineering
163 » Agri-Environmental Sciences



APPLYING TO UCD

TOP TEN TIPS FOR APPLYING TO UCD

- 1.** Talk to your guidance counsellor. To find out more about student life at UCD, talk to our student ambassadors at www.myucd.ie/chat.
- 2.** Study this prospectus and decide on a shortlist of the courses that interest you.
- 3.** Check the entry requirements in this prospectus, or visit www.ucd.ie/lc for the most up-to-date information. Make sure you can meet the entry requirements for the courses you are considering.
- 4.** Remember that the points are determined by supply and demand and may vary a lot from year-to-year, so don't focus too much on last year's points.
- 5.** Include the courses that interest you in your genuine order of preference.
- 6.** Fill out your CAO form online. It's cheaper if you do it before 20 January.
- 7.** Make sure you include all relevant details:
If you are repeating your Leaving Certificate, ensure you include all exam numbers.
If you are presenting a certificate other than the Irish Leaving Certificate or applying as a mature or transfer applicant, ensure you send all supporting documents directly to the CAO.
- 8.** Ensure you apply for any relevant tests and submit additional documentation if necessary.
- 9.** Check the statement you receive from the CAO in May to make sure all details are correct. You can use the "change of mind" facility up to 1 July if you need to.
- 10.** Remember, there are alternative routes to many of our courses, such as QQI-FET entry.



198 » What do I need to do before I apply?

199 » How do I apply?

200 » Information for applicants applying on the basis of:

- Leaving Certificate

- A-Level/GCSE examinations

- Other school-leaving examinations

202 » Alternative Admissions Pathways

203 » Frequently Asked Questions

204 » Fees & Funding

205 » Campus Map

WHAT DO I NEED TO DO BEFORE I APPLY?

Is there an age requirement?

Yes. You must be 17 years of age by 15 January following entry. For entry in 2021, your date of birth must be on or before 15 January 2005. 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/prospectivestudents/admissions/undergraduateapplicants/veterinarymedicine. 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 202 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/vetting

Student Garda Vetting

Applicants to certain courses will also be required to complete an application to the National Vetting Bureau and/or an overseas police certificate.

At present, the courses requiring Student Vetting include Human Nutrition (DN262), Medicine (DN400 and DN401), Radiography (DN410 and DN411), Physiotherapy (DN420), Nursing & Midwifery (DN450, DN451, DN452, DN453) and Sports & Exercise Management (DN430). Details are available at www.ucd.ie/vetting.

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/prospectivestudents/admissions/policiesandgeneralregulations/

For more frequently asked questions go to:



www.ucd.ie/myucd/admissionsfaq

HOW DO I APPLY?

Applying to UCD is very straightforward. There is online help available, or you can come to our Open Days for detailed sessions on applying. Of course, you can always contact us for advice at www.ucd.ie/askus

EU/EEA Applicants

Those who are applying for admission to the first year of an undergraduate programme in UCD – whether on the basis of the Irish Leaving Certificate, as an applicant from another EU/EEA country, on grounds of mature years, via the HEAR or DARE routes, or on the basis of QQI-FET – apply via the Central Applications Office (CAO). Applications can be made online at www.cao.ie. The normal closing date is 1 February 2021, but there is a reduced application fee for applications made prior to 20 January 2021.

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 2021, at an additional cost. Applicants seeking admission through routes for which additional assessment is required may not be eligible to make a late application (e.g. Mature, HEAR and DARE). Please check the relevant web pages for details at: www.ucd.ie/admissions.

Non-EU Applicants

UCD welcomes applicants from non-EU countries. Non-EU students are eligible to apply for admission in all programmes except for Nursing courses.

Application is made via www.ucd.ie/global/apply except where an agent is used. Further information on application and entry requirements is available at www.ucd.ie/global (select 'Study at UCD' followed by your country selection) or on request from the UCD Global Admissions Team (www.ucd.ie/global).

How do I know if I am an EU or non-EU applicant?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on www.ucd.ie/fees – please note 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, and to make themselves aware of the procedures. See:

www.ucd.ie/registry/prospectivestudents/admissions/policiesandgeneralregulations/

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/prospectivestudents/admissions/policiesandgeneralregulations/termsandconditionsoffer

In the light of additional information that was not available at the time of selection, an offer may be amended or, in exceptional circumstances, withdrawn. The University also reserves the right to correct errors where they have been made in the communication of decisions and offers.

The University reserves the right to exclude a candidate who is considered on justifiable grounds to be unsuitable for a place on a particular course according to individual circumstances.

Assessment of Application

Applications can only be assessed on the basis of information provided with the application. For CAO applicants, all documentation and examination results (including any exemptions granted by NUI) that are being presented for assessment for entry to UCD, must be with the CAO no later than 1 August 2021, with the exception of Irish Leaving Certificate and A-level results that are received on date of issue.

It may not be possible to gain entry in the current year if documents and/or results are presented later than the relevant dates. This includes re-checked Leaving Certificate results. UCD reserves the right to seek verification from awarding bodies of any documentation presented. Originals of documents may be required at registration.

Non-EU applicants and post-initial-year transfer applicants, please see www.ucd.ie/apply for instructions on submitting documents.

CONTACT

For full admissions policy and other relevant policies, please see www.ucd.ie/askus or www.ucd.ie/admissions

INFORMATION FOR APPLICANTS

APPLYING ON THE BASIS OF:

Irish Leaving Certificate

Minimum entry requirements

- To matriculate on the results of the Leaving Certificate, a student must present at least six recognised subjects selected according to course requirements (see Entry Requirements for each course) and must obtain at least Grade H5 in two subjects and Grade O6/H7 in the remaining four subjects.
- A student may normally combine the results of Leaving Certificate examinations obtained in different years for Matriculation Registration purposes. This concession applies to Matriculation Registration only; it does not apply to the calculation of points. However, it should be noted that students seeking to enter Medicine must meet the minimum entry requirements, including both Leaving Certificate points and Matriculation, in the same sitting of the Leaving Certificate.

Acceptable subjects

All subjects of the current Leaving Certificate examination are accepted for Matriculation Registration purposes, with the following exceptions and qualifications:

- 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 that the subject Mathematics is currently an entry requirement.

Leaving Certificate points are not awarded for either of these subjects.

Applicants presenting Leaving Certificate results from previous years, which include subjects no longer offered should email admissions@ucd.ie for advice with regard to acceptability and any exclusions that may apply.

NB The Leaving Certificate Applied Programme is not an acceptable qualification for matriculation purposes.

Combination of subjects not permitted

- The subject “Physics and Chemistry” may not be presented with either “Physics” or “Chemistry”.
- “Agricultural Economics” may not be presented with “Economics”.
- “Classical Studies” may not be presented with “Latin” or “Greek”.

Laboratory science subjects

The following subjects in the Irish Leaving Certificate are recognised laboratory science subjects:

Agricultural Science • Biology • Chemistry • Physics and Chemistry (Joint) • Physics.

For Science (DN200) only, Applied Mathematics, Geography or Computer Science may also be used as a laboratory science subject.

Assessment of applications

Admission to most undergraduate courses is extremely competitive. Entry is normally based on the points system for students presenting Irish Leaving Certificate examinations. Points are awarded as follows.

%	GRADE	POINTS HIGHER PAPER	POINTS ORDINARY PAPER
90-100	1	100	56
80-89	2	88	46
70-79	3	77	37
60-69	4	66	28
50-59	5	56	20
40-49	6	46	12
30-39	7	37	N/A

	GRADE	POINTS
Leaving Certificate Vocational Programme	Distinct	66
	Merit	46
	Pass	28

Notes

- Minimum points requirements can change from year-to-year as they are dependent on demand for each course, as well as the number of places available.
- 25 additional points will be awarded for a grade H6 or better in Leaving Certificate Mathematics, where that subject is one of the six subjects being counted for points purposes.
- Applicants' performance in the Leaving Certificate examination is scored on their best results in no more than six individual subjects taken in the Leaving Certificate examination of any one year. This does not preclude an intending applicant from taking school-leaving examinations in two or more years. In this event, the choice of year for scoring purposes will be such as to ensure that each applicant is credited with the maximum possible score.
- It is still possible to achieve matriculation and subject requirements over more than one year. However, for admission to Medicine, applicants must achieve both the required subject grades and the points in the same sitting.
- The subjects and combinations of subjects not permitted for matriculation also apply when computing an applicant's points score.
- The points scores for Medicine are adjusted when combined with HPAT – Ireland. Please see www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/requirementsformedicine400/
- For scoring of pre-2017 Leaving Certificate examinations, please see <http://www.ucd.ie/registry/prospectivestudents/admissions/undergraduateapplicants/irelandleavingcertificate/pointsscoring/>



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/alevel.

Indicative points equivalence

Indicative equivalence of A and AS-level examination grades with Irish Leaving Certificate points will operate for entry. The comparison table can be viewed at: www.ucd.ie/alevel.

Notes

- A maximum of four recognised subjects will be counted (Please see www.nui.ie/college/entry-requirements.asp for details).
- If four A-levels are presented, the fourth A-level (lowest result) will be scored at a lower weighting.
- An applicant's score will be calculated on the basis of either of the following: their best four A-level subjects from one academic year or their best three A-level subjects from one academic year plus one AS in a different subject from the same or the preceding academic year only.
- 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.

NB If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD.



www.ucd.ie/myucd/apply



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 2021, your date of birth must be on or before 1 January, 1998.

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 2021. Some courses may accept late applications up to 1 May 2021 but this is subject to the availability of places.

What should be included with my application?

Mature applicants may need to provide supplementary information in addition to their CAO application form. Any supplementary information required (e.g. examination results, CV, personal statement) must be sent to the CAO with the completed application form. Those applying online (via www.cao.ie) must ensure that they forward supplementary information to the CAO immediately after submitting the online application. The CAO Handbook contains useful advice regarding the application process.

Note You must ensure that all relevant information is submitted to the CAO. There is no separate UCD application form, although some courses require a supplementary statement. www.ucd.ie/maturestudents provides advice for personal statements. Your documents must arrive in the CAO within ten days of the submission of the online application.

Contact us with your queries

For assistance with the application process, contact us at www.ucd.ie/askus or call: 01 716 1608.

Higher Education Access Route (HEAR)

The Higher Education Access Route (HEAR) scheme offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland.

Who should apply to HEAR?

School leavers from socio-economically disadvantaged backgrounds who are under the age of 23 as of 1 January, 2021, 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, 2021. 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 2021) who have the ability to benefit from and succeed in higher education but who may not meet the points for their preferred course due to the impact of a disability. Mature and QQI-FET students have different admissions routes – please see relevant sections on page 20.

Conditions of a DARE Offer

Students who receive a DARE offer must register with the UCD Access & Lifelong Learning Centre for Disability Support and agree to a schedule of meetings.

More information on DARE is available from your school guidance counsellor or from the UCD Access & Lifelong Learning Centre.

Information can also be found on: www.accesscollege.ie, www.cao.ie and www.ucd.ie/all.

For more information:

 www.ucd.ie/myucd/apply

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 2021 exams, mention them in your CAO Application and forward the results as soon as they are issued and not later than 1 August 2021.
- Send transcripts of any previous third-level attendance.
- Send a personal statement if applying as a mature applicant. (A template is available at www.ucd.ie/maturestudents).
- In addition, applicants applying via HEAR or DARE will need supporting documentation.

Do I send copies or originals?

You should not send originals (except for Graduate Entry Medicine where originals are required). For all others, certified copies suffice (e.g. certified by a school stamp).

If you are admitted, we will need to view your original documents for verification purposes.

If I am offered a place, is there anything else I will need to do?

If you accept a place for some courses in UCD, you will be required to have health checks and/or undergo Student Garda (Police) Vetting. See page 198. It is important to note that Healthcare Screening and Student Vetting are compulsory course requirements. See: www.ucd.ie/vetting.

My results are not in English. Do I need a translation?

A certified English translation is required for any qualifications not issued in Irish or English. When sending a translation, also include a copy of the untranslated document.

What do I need for Graduate Entry Medicine?

You must send CAO an original of your transcript and proof of award (either date of conferring stated clearly on the transcript or a certified copy of the parchment). Please see the Graduate Entry Medicine section on www.cao.ie for further details. GAMSAT results are valid for two years. Gaining a sufficient result in GAMSAT to gain admission will be taken as proof of English level.

How do I know if I am an EU or non-EU applicant?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on www.ucd.ie/fees – please note fees status cannot be changed following admission. If you have any queries, please contact www.ucd.ie/askus.

When does the UCD term start?

Lectures are scheduled to start on **8 Sept 2021**. However, there are also compulsory orientation events for first-year students in the previous week and you should expect to be on campus from **2 Sept 2021**.

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 in the CAPP handbook and at www.ucd.ie/registry/prospectivestudents/admissions/policiesandgeneralregulations/deferralprocedurescaoapplicants/. Please note: there is a limit on the number of deferrals that can be granted.


What happens if I get an amended result?

For early amendments, we endeavour to offer all such applicants a place for the current year, but we cannot guarantee that you would be permitted to enter this year. Possible entry in 2021 will depend on when the upgrade is received and if places are available in the programme.

If we are unable to offer you a place this year a deferred place will be given. However, we do not make offers after the third teaching week as the Academic Year starts in early September.

This means that for the amendments received after this date, eligible applicants can only be given a deferred place for the following year.

For full list of FAQs please see:

 www.ucd.ie/registry/prospectivestudents/admissions/faqs-undergraduate/



FEES & FUNDING

Undergraduate Tuition Fees consist of the following elements: Tuition Fees, Student Contribution Charge and Student Levy

Tuition Fees — The Free Fees Initiative

Under the Higher Education Free Fees Initiative (currently under review), the State pays the tuition fees for eligible full-time, non-repeat undergraduate, EU/EEA/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 2021 will be available from summer 2020, when fees are set by the Department of Education and Skills.

Student Contribution Charge

- As a guide, the Student Contribution Charge for 2020/21 has been set at €3,000. If you are eligible under the Higher Education Free Fees Initiative, you will have to pay the Student Contribution Charge and the Student Centre Levy. The “free fees” scheme will pay the tuition fees element.
- If you are not eligible for “free fees”, you will have to pay the full programme fee rate, which includes the tuition fee, the student contribution charge and the student centre levy.
- Students have the option to pay the Student Contribution in two parts: at the start of semester one and at the start of semester two. Parents should note that reductions for second and subsequent children take place via the tax system.
- The Student Contribution Charge may be paid by the Exchequer in respect of students who qualify under the Higher Education Grants Scheme.

Student Centre Levy

All students will be liable for payment of the Student Centre Levy. As a guide, the Student Centre Levy for 2020/21 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

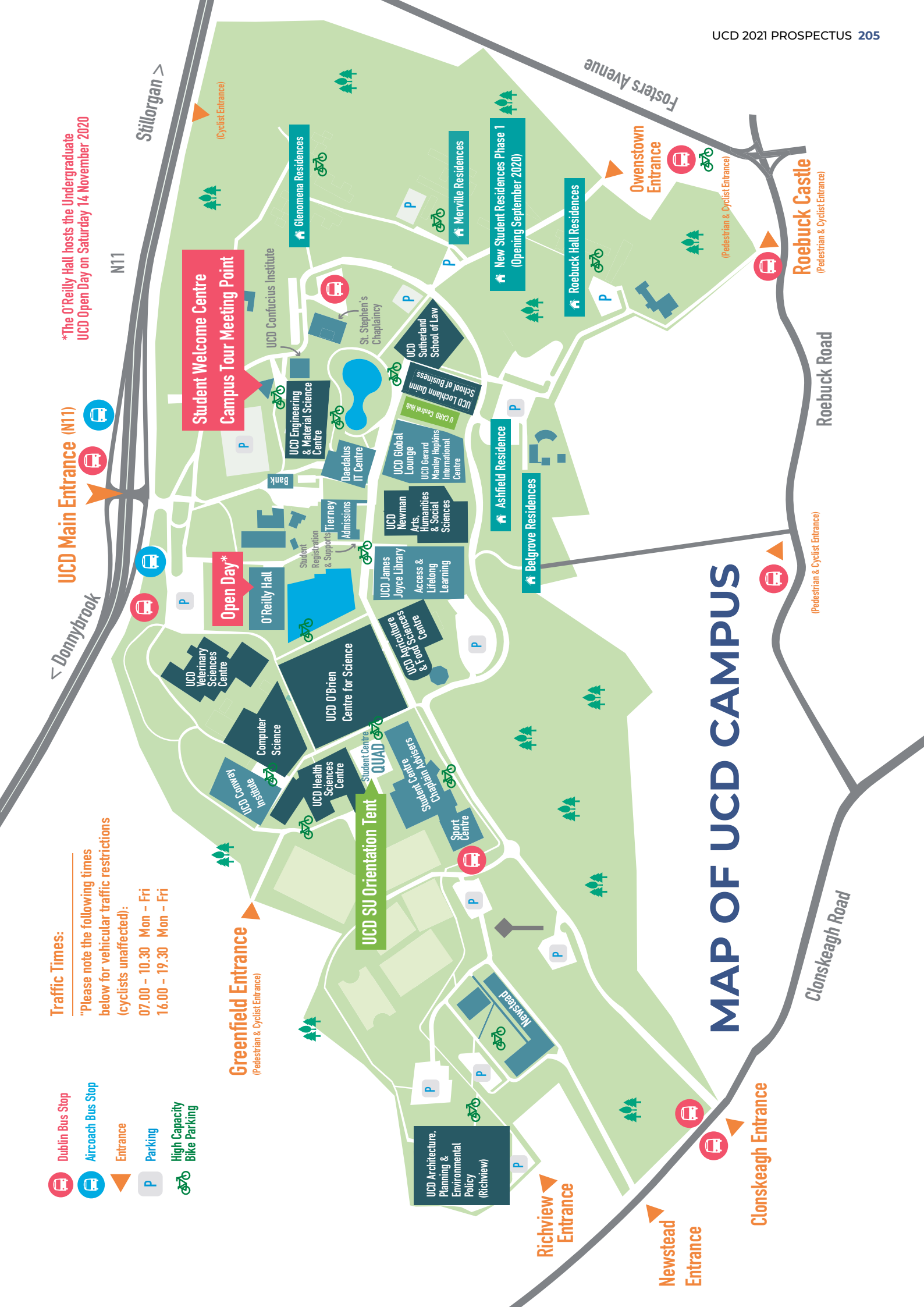
Please use the figures below as a rough estimate of a monthly/nine-month student budget.

COST OF LIVING AWAY FROM HOME

EXPENSE	MONTHLY (€)	ANNUAL (€) NINE MONTHS (ACADEMIC YEAR)
Rent (based on UCD Merville Accommodation Rates)	865	7,780
Utilities (Electricity /Gas/ Bins/ Internet)	35	315
Food	300	2,700
Travel (monthly short hop ticket)	120	1,080
Books & Materials	70	630
Clothes & Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	130	1,170
TOTAL	1,570	14,130

COST OF LIVING AT HOME

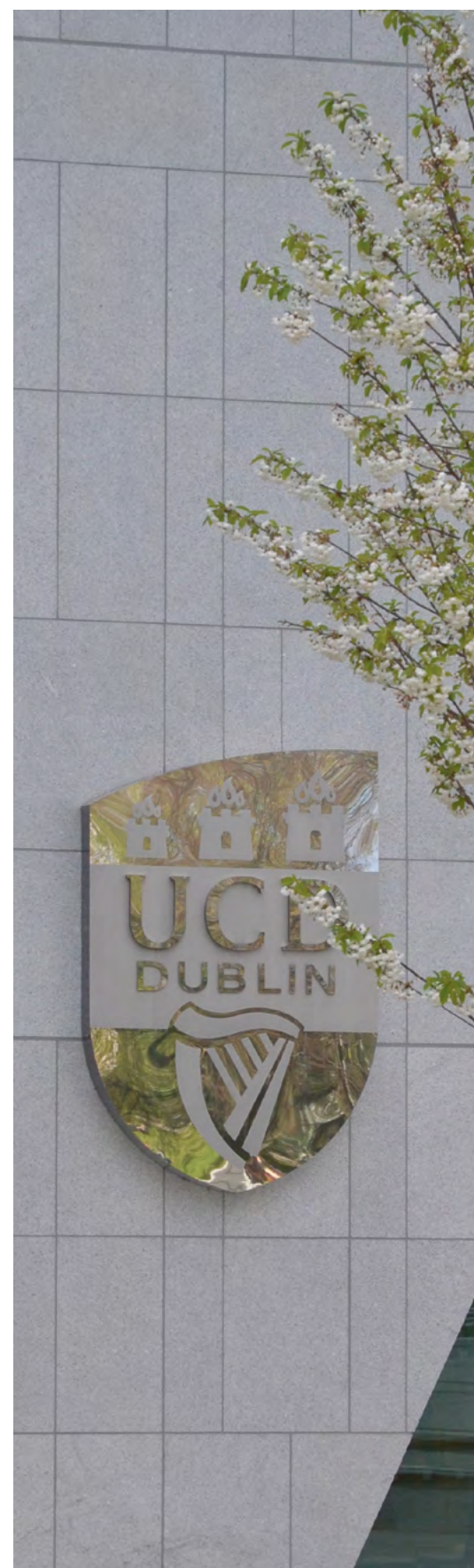
EXPENSE	MONTHLY (€)	ANNUAL (€) NINE MONTHS (ACADEMIC YEAR)
Contribution to Bills	35	315
Food	100	900
Travel (monthly short hop ticket)	120	1,080
Books & Materials	70	630
Clothes & Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	115	1,035
TOTAL	505	4,545



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VISIT US!



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 5 January 2021 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. Visit the website to book:

 www.ucd.ie/myucd/campustours



OR WE CAN VISIT YOU!



OPEN DAY

Saturday 14 November 2020
10am – 4pm

- Course Talks
- Mini Seminars
- Campus Tours
- Information Stands

Open to 6th Years, their parents, mature students, teachers, guidance counsellors.

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, 1 - 4 June 2021

An opportunity to experience university life. Aimed at students entering their final year in September 2021 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



TALK TO OUR STUDENTS

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

IMPORTANT DATES FOR APPLICANTS

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 detailed list of useful dates is available at:

<http://www.ucd.ie/registry/prospectivestudents/admissions/admissions-keydates/>

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 information on CAO application procedures and handbook, see 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

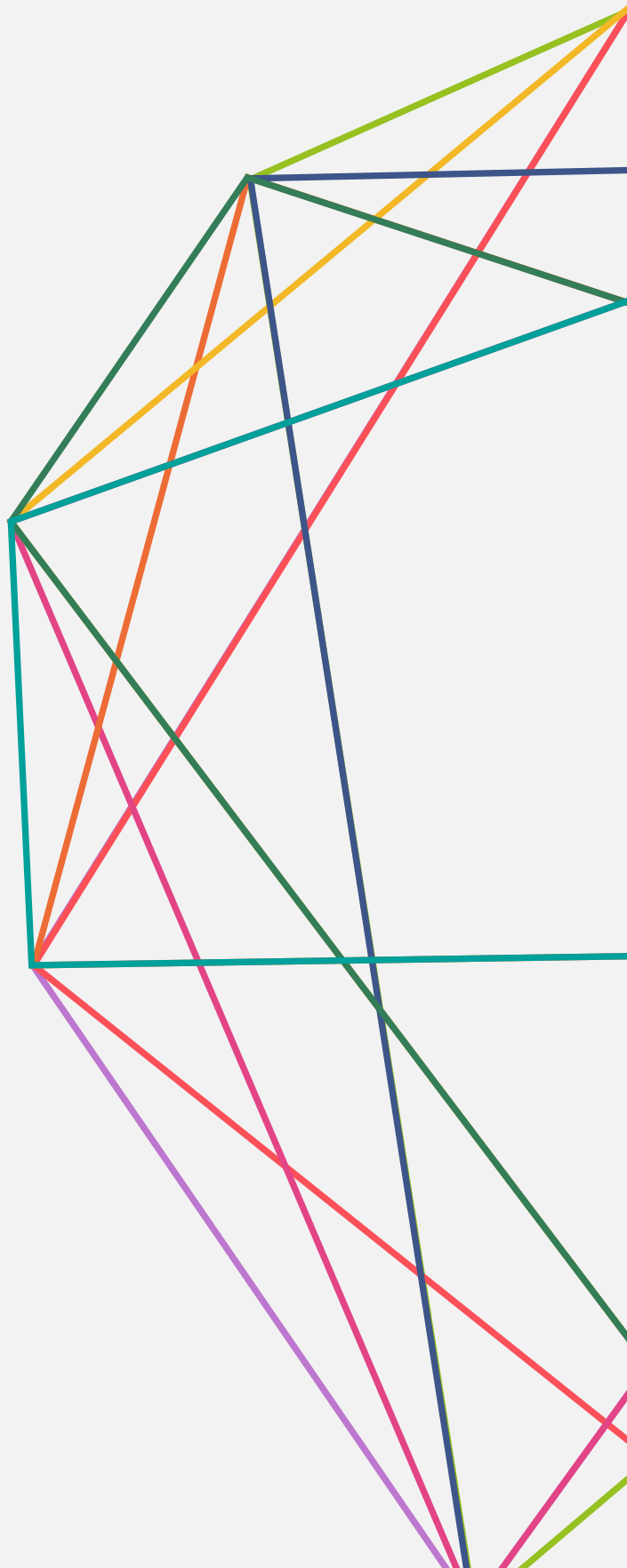
For information on **UCD Access & Lifelong Learning**, including Higher Education Access Route [HEAR], Disability Access Route to Education [DARE] and University Access courses and Open Learning, please contact the following

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

www.ucd.ie/myucd

Tel +353 1 716 1507

