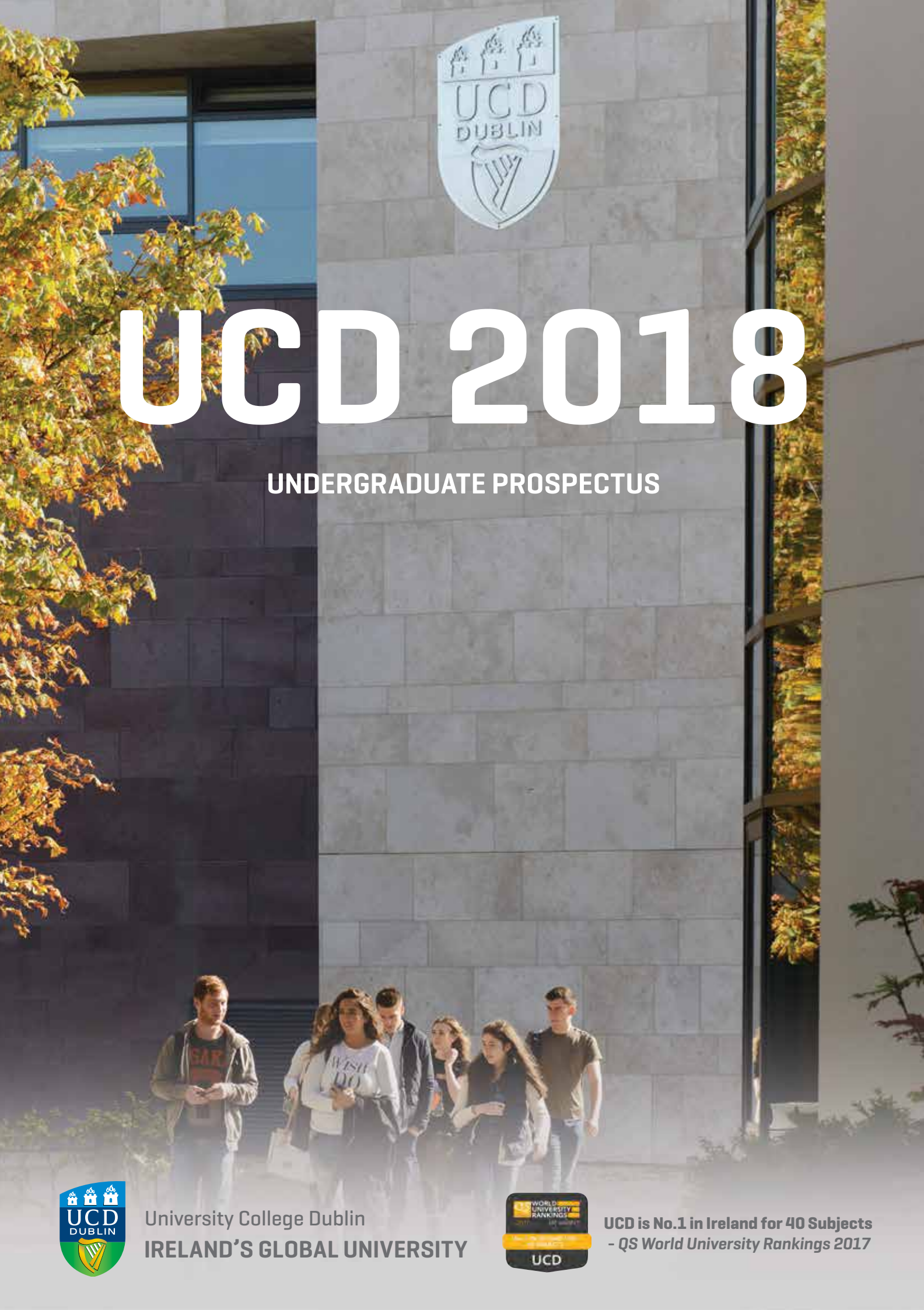

UCD 2018

UNDERGRADUATE PROSPECTUS

University College Dublin

IRELAND'S GLOBAL UNIVERSITY

UCD is No.1 in Ireland for 40 Subjects

- QS World University Rankings 2017

The O'Reilly Hall is UCD's ceremonial hall where first year students are "scarfed" at the President's Welcome Ceremony upon first entering UCD, and where final year students are conferred and become alumni.

Welcome from the President

Whether you are planning your life after school or embarking on a new direction by returning to full-time education, you will spend considerable time researching your options. Choosing the right undergraduate degree, the right university and the right time to dedicate at least three years to study are big decisions and I hope that this prospectus, and the range of engagements we offer through MyUCD, will encourage you to come to this great university.

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

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

This year, the QS World University Subject Rankings place UCD at number 1 in Ireland in 40 out of 43 subjects. This achievement is a reflection on the quality of the staff and faculty and means that our students take with them a recognised badge of quality when they graduate and set off on their own career journeys.

UCD is Ireland's global university. We are the university-of-first-choice among Irish students coming through the CAO (Central Applications Office) as well as the university-of-destination for the largest number of international students coming to Ireland. There are now over 7,000 international students on campus, making this a very cosmopolitan environment. Additionally, UCD sends the largest number of undergraduate students on Erasmus or study abroad to some of the world's top universities. So, our students can take advantage of an international experience that prepares them to take their place in the global society.

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

Professor Andrew Deeks, President, Uachtarán

Cibé acu ag pleanáil an méid atá amach romhat tar éis na scoile nó ag tabhairt chosán an oideachais lánaimseartha ort féin an athuair atá tú, caithfidh tú go leor ama ag déanamh taighde ar do chuid roghanna. 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.

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

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

I mbliana, tá UCD ag uimhir a haon in Éirinn i 40 as 43 ábhar ar Rangú Ábhar Domhanda Ollscoile an QS. Is léiriú é an méid seo ar fheabhas na foirne agus na dáimhe agus ciallaíonn sé go mbeidh stádas ar leith ag cáilíocht na mac léinn nuair a bhainfidh siad a gcéim amach agus aghaidh a thabhairt ar a ngairm bheatha.

Is í UCD ollscoil dhomhanda na hÉireann. Is í an ollscoil seo an chéad rogha ag mic léinn as Éirinn tríd an CAO (Lár-Oifig Iontrála) agus an ollscoil ceann scríbe ag an gcuid is mó de na mic léinn idirnáisiúnta a thagann go hÉirinn. Tá níos mó ná 7,000 mac léinn idirnáisiúnta ar an gcampas anois agus cruthaíonn sin timpeallacht an-ilnáisiúnach. Ina theannta sin, is í UCD is mó a sheolann mic léinn fochéime ar Erasmus nó ag staidéar thar lear i gcuid de na hollscoileanna is fearr ar domhan. Sa dóigh sin, is féidir le mic léinn na hollscoile leas a bhaint as taithí idirnáisiúnta a ullmhóidh iad lena n-áit a thógáil i sochaí an domhain.

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

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

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

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Why UCD?

Top 1% in World Rankings (THE & QS.)

First choice for Irish School Leavers.

First choice for International Students.

UCD is No.1 in Ireland for 40 Subjects - QS World University Rankings 2017

World-Class Education

UCD is at the forefront of global knowledge, with a curriculum constantly informed by the latest research and driven by lecturers at the cutting edge of their disciplines. The curriculum can be adapted to your personal preferences through the unique flexibility of *UCD Horizons*.

Excellent Job Prospects

92.5% of recently surveyed honours degree students entered employment or graduate study within 9 months of leaving UCD.

Study Abroad Opportunities

UCD has over 400 exchange partners worldwide and offers students opportunities to study with 29 partner universities throughout Europe.

Sports Facilities, Societies, Clubs

UCD offers a choice of over 150 clubs and societies, a cinema, student residences, unrivalled sports facilities and a 50 metre swimming pool.

One of Europe's most vibrant Capital Cities

Located just 5km from Dublin City, UCD is a leafy, state-of-the-art campus with woodland walks and several attractive lakes.

UCD Horizons

The breadth of the UCD curriculum, along with the flexibility offered through *UCD Horizons*, gives you opportunities to broaden your learning in ways that other Irish universities can't match.

UCD's educational philosophy is inspired by the university's founder and author of *The Idea of a University*, John Henry Newman. Today, UCD promotes university life as a journey of both academic and personal discovery, a strong example of this philosophy being the innovative *UCD Horizons* undergraduate curriculum.

What is *UCD Horizons*?

UCD Horizons is an opportunity for you to pursue other areas that interest you outside your specific degree.

In UCD, every programme has Core and Option modules. UCD Horizons gives you the opportunity to take additional modules called Electives in areas that interest you.*

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 *UCD Horizons* work?

It's your choice. You can take your Elective modules from within your main subject; we call this **deepening your learning**. Alternatively, you can take your Elective modules from outside of your subject, we call this **broadening your horizons**.

You can also choose to take Structured Electives. This means taking your Elective modules in a structured manner over the course of your programme. This gives you a recognised block of leaning in a subject area.

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 combine teaching and learning across more than one subject, in areas where UCD is leading on international research.

www.ucd.ie/ucdelectives

*The availability of modules is dependent on factors such as your timetable and the volume of students seeking places (demand).

UCD Horizons

Sample Structure for One Year of a Degree

10 Core & Option Modules
in your degree subject(s)

50 Credits

+

2 Elective Modules*
from within or outside your degree subject(s)

10 Credits

=

Year Total
12 Modules

60 Credits

*In some programmes and/or stages the 50:10 balance may vary.

*"One of the persuading factors to go to UCD for me was **UCD Horizons**. The first elective I chose was Introduction to Forensic Anthropology! Well it wasn't actually as bizarre for me as it sounds; I was at the time really into the show Bones and even considered studying anthropology at college level. We got to look at the evolution of hominids (humans and their relatives), as well as lab work where we got hands-on experience of identifying different bones."*

Ciara Sweeney
Grad Entry Vet Med

*"**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 your interest. I did Astronomy last year as part of that and I absolutely loved it. I chose UCD basically because it had the course I wanted and they have really good opportunities."*

Anu Joy
Chemical & Bioprocess Engineering student

Open Days & Visit UCD

Choosing your university is a big decision. To help you to find out more about UCD, we have listed a few ways in which you can learn more about us, from Open Days right through to Summer School.

UCD OPEN DAY

SATURDAY 4th NOVEMBER, 2017

10am - 4pm

At the UCD Open Day, you can meet staff and current students and find out more at...

- Course Talks
- Mini-seminars
- Campus Tours
- Information Stands

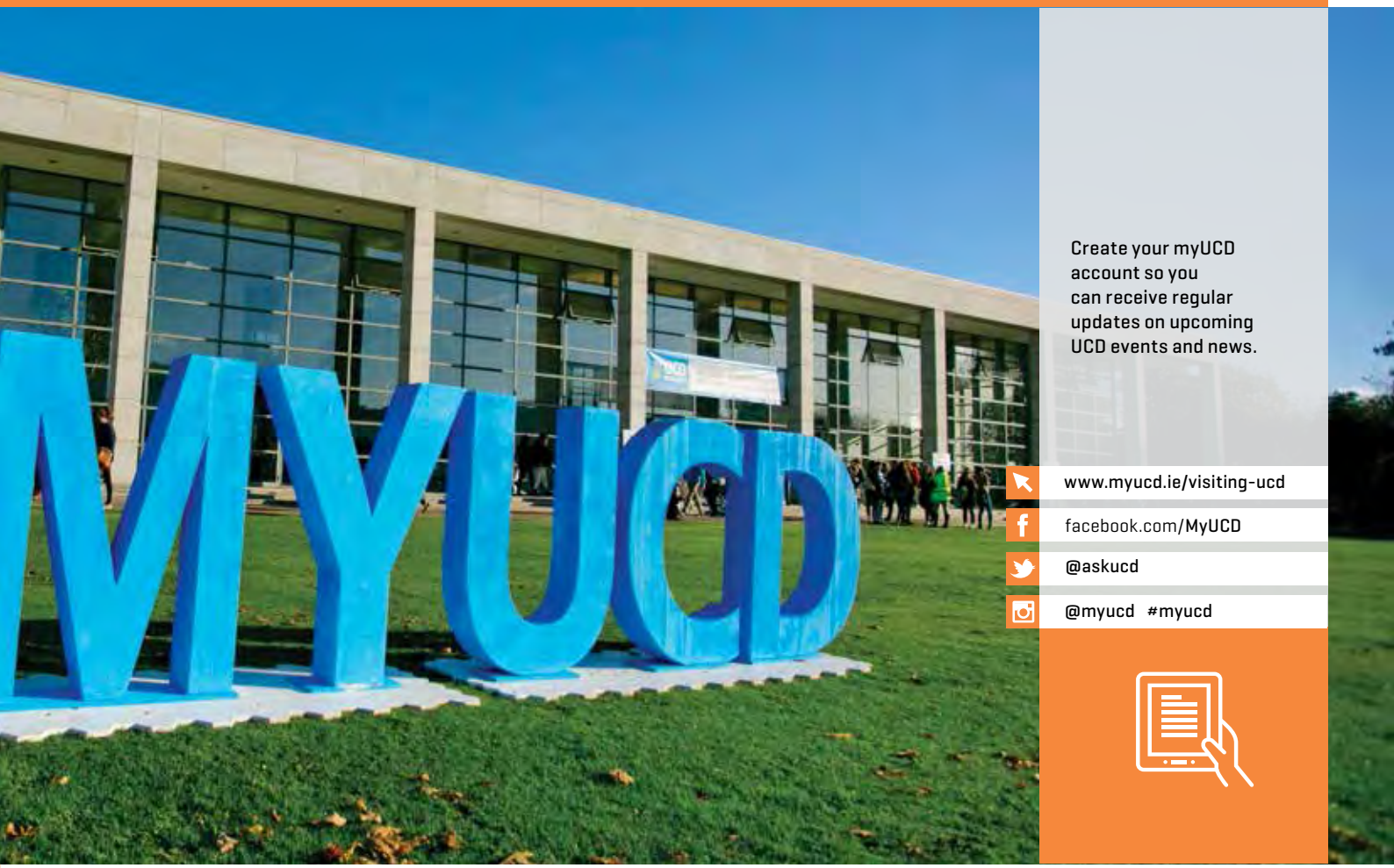
Open to 6th years and their parents, mature students, teachers and guidance counsellors; this event will take place on Saturday 4th November, 2017, from 10.00am to 4.00pm.

www.ucd.ie/openday

facebook.com/MyUCD

@askucd #ucdopenday

@myucd #myucd



Create your myUCD account so you can receive regular updates on upcoming UCD events and news.

www.myucd.ie/visiting-ucd

facebook.com/MyUCD

@askucd

@myucd #myucd

Subject Events

Throughout the year, a number of subject-specific events are held on campus. Examples of these are the Science Careers & Information Evening and the Experience Engineering programme.

→ www.myucd.ie/visiting-ucd

UCD CAO Information Evening 2018

To assist you with your CAO application, UCD will host a CAO Information Evening on Tuesday 9th January 2018, from 5.00pm to 7.00pm. This event is open to 6th years and their parents, mature students, teachers and guidance counsellors.

→ www.myucd.ie/visiting-ucd

Visiting UCD

School Groups

From October to April each year, we welcome secondary school groups to campus. We can accommodate up to 150 secondary school students during visits.

→ campustours@ucd.ie
→ +353 1 716 1507

Individual & Small Group Tours

These visits usually take place three times a week and each day during school mid-term breaks. They last approximately 60 minutes and can be booked directly by logging on to **www.ucd.ie/myucd/campustours**. Family and/or friends are also welcome to attend.

→ www.myucd.ie/visiting-ucd

Schools Liaison

School Talks

From September to April each year, our School Liaison Staff are available to visit schools. To arrange for a speaker to visit your school, please contact:

→ schoolsliaison@ucd.ie
→ +353 1 716 1507

Careers Fairs

UCD is represented at all of the major nationwide IGC career and regional fairs. To arrange for a representative to attend a careers fair, please contact:

→ schoolsliaison@ucd.ie
→ +353 1 716 1507

Summer School, 5 - 8 June 2018

Seize the opportunity to experience university life with UCD's Summer School for secondary school students (entering 6th Year, or Year 13 A-Level, in September 2018).

UCD Summer School is aimed at students nearing the end of their second-level education, who know what discipline they want to pursue at university but don't yet know what path to take through their degree.

→ www.ucd.ie/myucd/summerschool

UCD Student Ambassador giving advice at Open Day.

Global Citizenship

UCD encourages all of our undergraduate students to study abroad. In an increasingly complex global age, UCD provides an international context for your studies, giving you opportunities to experience the wider world.

Earn your global citizenship and take up one of a number of exciting opportunities - give your degree an international edge by studying abroad, volunteering overseas or participating in international summer schools or on-campus international activities!

400

Exchange Partners Worldwide

30

Countries throughout Europe

Study Abroad Opportunities

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 through English.

UCD students can receive Erasmus grant funding for exchanges with partner universities in 30 countries throughout Europe.

Students can study with one of our Universitas 21 partners, such as the University of Connecticut, University of British Columbia, University of Auckland and University of Melbourne.

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

Why Go On Exchange?

Adventure and Travel
Travel extensively and immerse yourself in a new culture.

Quality of Learning
Continue to study at some of the best universities worldwide.

Your Career
Improve your career prospects. A period of study abroad at a top university will set your CV apart.

Communications
Improve your language skills.

Friendship
Meet new friends from around the world.

New Learning Environment
Experience a new learning environment and teaching methods.

Have Fun!
Most of our students say they had the best time of their lives on their semester/ year abroad.

International Volunteering Opportunities

Established in 2003, UCD Volunteers Overseas (UCDVO) is a registered charity which provides students, staff and graduates with the opportunity to volunteer for the benefit of disadvantaged communities overseas, in response to needs explicitly identified by those communities. UCDVO's vision is for UCD students to graduate with an understanding of the challenges facing humanity worldwide and the determination and self-belief to tackle the issues underlying poverty and inequality in the world.

UCDVO's Volunteer Programme is a one-year commitment, which includes a four-week placement overseas, and a structured series of development education workshops, training and debriefing. Current project locations include India, Haiti, Nicaragua, Tanzania and Uganda. Applications open in September each year.

www.ucd.ie/**international**

www.facebook.com/**UCDExchanges**

"I feel like I learnt a great deal about myself and about the wider world whilst participating on the programme and I hope that it is an experience which will stand to me in the future. I know that my time in Morogoro will live very long in my memory. The people I met, the places I saw and the many incredible experiences I had are memories that I will cherish for the rest of my life."

Eleanor Morris participated in the UCDVO Volunteering and Development Education Programme in 2014. She volunteered in Morogoro, Tanzania on a computer education project with our overseas partner TanzED

www.ucdvo.org

facebook.com/**ucdvo**

@UCDVO

Ireland's Global University

At UCD, students benefit from a fully rounded educational experience, enhanced by the university's strong international context, factors which prepare them for life and work across borders and cultures.

UCD is Ireland's most international university and the most popular destination for Irish school leavers. Ranked in the top 1% of universities worldwide, UCD is also the largest and most diverse university in Ireland, with more than 6,000 international students from 127 countries. This international context enriches the university experience for UCD students, equipping them with the tools to contribute proactively in the global community.

KEY FACT

Ireland is ranked in the 10 best educated countries in the world.

MOST GLOBALISED

Ireland is the most globalised nation in the western world and the world's third most globalised nation (Ernst & Young).

Ireland's Global University

UCD's popularity as a study destination has been built upon the strong foundations of academic excellence, coupled with a world-class campus. For this reason, every year, more school leavers in Ireland opt to attend UCD than any other university.

UCD's reputation for excellence is also the deciding factor for many students from the European Union and beyond. These students are also attracted by the vibrancy of Dublin and the appeal of Ireland as a place to study. While Lonely Planet ranked Ireland as "**World's Friendliest Country**", the country and its capital city can also boast the following:

- Ranked in the 10 best educated countries in the world – 24/7 Wall St/OECD Education at a Glance report.
- Dublin is Europe's "tech capital" – home to 9 of the 10 largest global ICT companies.
- Dublin is one of Europe's most vibrant, lively cities, with the youngest population in Europe.
- Dublin is a designated UNESCO City of Literature with four Nobel Prizes for literature (George Bernard Shaw, W.B. Yeats, Seamus Heaney and Samuel Beckett).
- Dublin is one of Europe's oldest cities, with a historic centre of classical buildings, museums and art galleries that can be easily explored on foot.

UCD Global Lounge

All students are encouraged to spend time in the UCD Global Lounge, a dedicated student space and platform for cultural exchange.

A dynamic, fun and energetic place to meet and hang out between and after classes, the UCD Global Lounge is open until 9pm Monday to Sunday in term-time. As well as offering games for all to engage in, international students can keep up to date with news from home, with over 350 international TV channels available to view.

The UCD Global Lounge also hosts a wide variety of international information sessions and events throughout the year, making it one of the first places that all students should explore when they first come to campus.

→ **www.ucd.ie/international/current-students/global-lounge/**

www.ucd.ie/international

facebook.com/**ucdinternational**

@UCDInternat

youtube.com/**UCDGlobal**

Scholarships & Awards

UCD Ad Astra Academy

The Ad Astra Academy recognises and nurtures exceptional students in academia, sports and the performing arts by offering them unique supports and opportunities. The students benefit from a scholarship, mentoring and a range of tailored supports.

Professor Mark Rogers, Registrar and Deputy President, with Ciara Pugh, Ad Astra Scholar.

UCD Ad Astra Elite Sports Scholar, Gillian Pinder, Business and Law, represents Ireland against Australia in 2016 Festival of Hockey.

UCD Ad Astra Performing Arts Scholars, Tiarnán Fallon Verbruggen, Hannah Lucey and Evan Lynch.

UCD Ad Astra Academic Scholars

The UCD Ad Astra Academic programme is looking for students who have a proven record of academic excellence and a desire to continue to achieve at the highest level.

Eligibility – prospective students

Ad Astra Academic scholarships are awarded on the basis of the academic criteria of 6 H1s in the first sitting of the Leaving Cert (or A Level equivalent), as well as an online application. Applications will open on February 1, 2018, and close on August 20, 2018. Following the release of CAO offers, shortlisted candidates will be invited for interview.

Eligibility – while studying at UCD

Each year, up to 17 academic scholarships are awarded to high achieving students at the end of first year.

Benefits

- A €3,000 scholarship allowance, which may be used to offset fees, accommodation, or used as a bursary.
- Preferential access to allocated on-campus accommodation, the cost of which may be offset with the scholarship allowance.
- The support of a dedicated academic mentor.
- A programme of workshops and seminars by academics, distinguished alumni and guest speakers to develop the scholars' academic and personal potential.
- Networking and development opportunities.

www.ucd.ie/adastraacademy/academic/

www.ucd.ie/adastraacademy

adastraacademy@ucd.ie

UCD Ad Astra Elite Sports Scholars

The UCD Ad Astra Elite Sports programme, supports students who are competing and succeeding at the highest sporting levels.

Eligibility – prospective students

Please refer to the website for minimum standards of entry in relevant sports. Applications must be made online no later than January 31, 2018. In addition to this, students should complete their CAO forms as usual by February 1, 2018, for undergraduate admission. Graduate applicants should apply directly to UCD in the normal way. Unsuccessful applicants may elect to have their application automatically considered for a sports scholarship.

Eligibility – while studying at UCD

Current students can also apply to the Ad Astra Elite Sports scholarship programme by the closing date above.

Benefits

- A €3,000 scholarship allowance, which may be used to offset fees or accommodation, or used as a bursary.
- Preferential access to allocated on-campus accommodation, the cost of which may be offset with the scholarship allowance.
- The support of a dedicated academic mentor.
- Access to expert training, coaching and facilities.
- Sports science conditioning and monitoring.

Key Fact

8 UCD Ad Astra Sports Scholars participated in the 2016 Rio de Janeiro Olympic Games.

www.ucd.ie/adastraacademy/sports/

facebook.com/UCDAdAstraAcademy

@UCDAdAstraAcademy

UCD Ad Astra Performing Arts Scholars

The UCD Ad Astra Performing Arts programme offers opportunities to students who excel in theatre performance / creation or classical music and wish to develop their performance talents while pursuing a degree in UCD.

Eligibility – prospective students

Scholarships are offered to students with a proven record of dedication to the development of their performance work.

Applications must be made online no later than January 31, 2018. In addition to this, students should complete their CAO forms as usual by February 1, 2018, for undergraduate admission. Graduate applicants should apply directly to UCD in the normal way.

Eligibility – while studying at UCD

Current students can also apply to the Performing Arts scholarship programme by the closing date above.

Benefits

- A €3,000 scholarship allowance, which may be used to offset fees or accommodation, used as a bursary to support instrumental/vocal/theatrical tuition.
- Preferential access to allocated on-campus accommodation, the cost of which may be offset with the scholarship allowance.
- The support of a dedicated academic mentor.
- The opportunity to work with experienced professionals in seminar and workshop settings.
- The opportunity to perform in concerts, recitals and theatre productions.

www.ucd.ie/adastraacademy/performingarts/

Terms and conditions apply. The value, number and benefits of scholarships may vary from year to year.

University Scholarships & Awards

Student excellence and achievement are recognised in UCD, through a wide variety of scholarships and awards. The University supports a range of scholarships, at undergraduate and postgraduate level, and awards, which celebrate the diverse talents of our students. Many of these awards are highly regarded by employers and industry.

Ciaran Frawley in action at the 65th Annual Colours match against Dublin University FC.

Ad Astra Sports Scholar Paul O'Donovan after winning a silver medal for rowing in the 2016 Olympic Games in Rio de Janeiro, Brazil.

Academic Scholarships & Awards

Entrance Scholars

UCD recognises the calibre of its incoming high-achieving students with the award of UCD Entrance Scholar. Entrance Scholar awards are presented to first year students who achieve 560 points or more in their Leaving Certificate (or equivalent second-level examination), in recognition of their academic accomplishment.

Eligibility
No application is required and recipients are automatically informed.

Benefits
Recipients are presented with a recognition certificate and their achievements are recorded on their academic transcript.

University Scholars

University Scholarships are awarded on the basis of outstanding academic performance in each stage of a programme. UCD awards over 200 such scholarships to students at the University Awards Day each year.

Benefits
Recipients are presented with a bursary and a parchment, and the scholarship is noted on their academic transcript.

Awards and Prizes

Across the University up to 300 separate awards, prizes and medals are presented annually to undergraduate and postgraduate students who excel in specific subject areas or modules.

Benefits
Depending on the type of award, a bursary, medal or prize will be awarded and noted on the recipient's academic transcript.

www.ucd.ie/scholarships

awardsandscholarships@ucd.ie

Sports Scholarships

Sports Scholarship Programme

Eligibility – prospective students
Recipients have the potential to compete at the highest national level, and above, in a particular sport. Candidates apply to CAO as normal and submit a supplementary application to UCD Sport by April 2, 2018. Where an application is submitted for an Ad Astra Elite Sports Scholarship and is unsuccessful, it can automatically be considered for a Sports Scholarship. There's no need to complete a supplementary application.

Eligibility – while studying at UCD
This is subject to renewal on an annual basis and can be awarded at any stage during your time at UCD.

Benefits
Each scholarship is assessed on an individual basis. However, benefits include access to the high performance centre and team gym, with personal and squad training, free pool membership, access to on campus accommodation (if required), access to reduced sports physio and massage, travel with teams to national and international competition and academic support. Also a bursary may be awarded which can be used to offset fees, accommodation, equipment, books, sports medicine etc.

www.ucd.ie/sport/scholarships

sport@ucd.ie

facebook.com/ucdsport

Terms and conditions apply. The value, number and benefits of scholarships may vary from year to year.

"I was fortunate enough to be awarded a University Scholarship in Law, in 2008 and 2009. In addition to being a great encouragement for my studies, the scholarships have been really beneficial when applying for graduate school at Harvard, and when seeking employment in the US, where candidates are always competing with so many other equally qualified individuals and where every little extra helps! Following my LLM, I worked as a Harvard Law School Public Service Fellow, and am currently working as a Helton Fellow of the American Society of International Law."

Peter Dunne, University Scholar, Law

"Winning a UCD choral scholarship had a massive part to play in making my college life an incredible one. The music we made was of a standard I had never experienced before. I had no clue that membership of this ensemble would take me to Budapest, let alone on a ten-day tour of the USA! I made some of my greatest friends through my membership of UCD Choral Scholars, and the best part is that we hail from all over the country and are studying completely different things."

Kate Lenehan, Choral Scholar

Scholarships & Awards

For more information and a full listing of UCD scholarships and awards visit: **www.ucd.ie/scholarships**

UCD Orchestra at the European Student Orchestra Festival in Leuven, Belgium, April 2017.

UCD Choral Scholarships

UCD offers 18 scholarships (worth €1,000 on average) to talented singers to form UCD Choral Scholars, the university's premier vocal ensemble. These scholars represent UCD at key university events, on radio, on TV, in performance with leading national and international ensembles, and on tour (USA, UK, Hungary, Italy, Holland).

The group released a disc for Signum Records UK in 2015 and will record a second disc in 2018. Being a UCD Choral Scholar is a great way to meet students from other disciplines and to make friends for life. If you are interested in applying for an audition, please see the recruitment page at *www.ucd.ie/choralscholars*.

For further information, contact Dr Desmond Earley, Artistic Director:

→ Email: **choralscholars@ucd.ie**
→ Web: **www.ucd.ie/choralscholars**
→ Twitter: **@UCDChoral**

UCD Symphony Orchestra Scholarships

UCD Symphony Orchestra Scholarships are awarded to talented students in key positions within UCD Symphony Orchestra. These scholars join other talented students in performances at major venues in Dublin, such as Christ Church Cathedral, the Convention Centre and the National Concert Hall. The orchestra regularly engages in collaborations with other universities, having recently travelled to Germany, Sweden and Belgium.

There are opportunities to work with celebrated soloists and in sectional rehearsals with establish professional musicians. The UCD Symphony Orchestra is noted for its innovative programming, which embraces mainstream symphonic repertoire, choral works, popular music and multi-media events.

For further information, contact Dr Ciaran Crilly, Artistic Director:

→ Email: **orchestra@ucd.ie**
→ Web: **www.ucd.ie/orchestra**

Scoláireachtaí Theach na Gaeilge Bhord na Gaeilge/ UCD Irish Language Student Residence Scheme

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

Cáilitheacht

Mic léinn atá ag gabháil d'aon chúrsa de chuid na hollscoile atá líofa sa Ghaeilge agus tiomanta do chur chun cinn gníomhach na teanga.

Buntáistí

Mairfidh na hiarrthóirí a n-éireoidh leo i 'dTeach na Gaeilge', mion-Ghaeltacht na hOllscoile agus aisíocfar céatadán den chostas cónaithe leo. Cuirfear cúrsaí ionduchtaithe agus traenála ar fáil dóibh. Ceann de bhuaicphointí na bliana ná an malartán le *Taigh na Gàidhlig*, Ollscoil Ghlaschú, agus Ollscoil Dhún Éideann Albain. Beidh scoláireacht Theach na Gaeilge luaite ar a dtras-scríbhinn acadúil.

Beidh foirmeacha iarratais ar fáil ón **1 Márta 2018**. Gach eolas le fáil ó: **Clár Ní Bhuachalla**, Oifigeach Gaeilge

→ Ríomhphost: **oifigeach.gaeilge@ucd.ie**
→ Suíomh: **www.ucd.ie/bnag**

President's Awards

The President's Awards recognise that the university experience has many facets and they reward student achievement and performance in a variety of areas: exceptional contribution to college life, volunteering or achievement against adversity.

www.ucdsocieties.com/presidentsaward

Eligibility – while studying at UCD

Any current UCD student can be nominated for a President's Award. Nominations come from UCD staff and students. A selection committee determines, from the list of nominated students, those students to receive the President's Award. Typically 15 students are selected each year.

Universitas 21 Scholarships

UCD offers scholarships to UCD students going on semester and year-long exchanges to our U21 Asian and Latin American university partners. The level of scholarship depends on the length of exchange.

→ For more information: **exchanges@ucd.ie**

UCD Global Excellence Scholarships

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

→ **www.ucd.ie/international/study-at-ucd-global/ coming-to-ireland/scholarships-and-funding**

Terms and conditions apply. The value, number and benefits of scholarships may vary from year to year.

Undergraduate Tuition Fees consist of the following three elements:

— Tuition Fees
— Student Contribution Charge
— Student Levy

Fees & Funding

Tuition Fees — The Free Fees Initiative

Under the Higher Education Free Fees Initiative (this scheme is 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 2018 will be available from summer 2018, when fees are set by the Department of Education and Skills.

Student Contribution Charge

- The Student Contribution Charge for 2017/18 has been set at €3,000.
- If you are eligible under the Higher Education Free Fees Initiative, you will have to pay the Student Contribution Charge and the Student Centre Levy. The "free fees" scheme will pay the tuition fees element.
- If you are not eligible for "free fees", you will have to pay the full programme fee rate, which includes the Student Contribution Charge and Student Centre Levy.
- Students have the option to pay the Student Contribution in two parts: at the start of semester one and at the start of semester two. 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. The Student Centre Levy for 2017/18 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 for 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

The cost of living in Dublin can be high, although it very much depends on each student's individual needs.

Please use the figures below as a rough estimate of a monthly/nine-month student budget.

Cost of Living for Student Living away from Home

Expense	Monthly €	Annual Cost € Nine months (academic year)
Rent (Shared – Own Room)	350–600	3,150–5,400
Utilities (Electricity/Gas/Bins/Internet)	33	297
Food	250	2,250
Travel (Monthly Short Hop ticket)	119	1,071
Books & Materials	71	639
Clothes/Medical	45	405
Mobile	20	180
Social Life/Miscellaneous	130	1,170
Total	€1,018–€1,268	**€9,162–€11,412**

Cost of Living for Student Living at Home

Expense	Monthly €	Annual Cost € Nine months (academic year)
Contribution to Bills	34	306
Food	70	630
Travel (Monthly Short Hop ticket)	119	1,071
Books and Materials	71	639
Clothes/Medical	45	405
Mobile	20	180
Social Life/Misc	112	1,008
Total	€471	**€4,239**

Supporting Students

UCD Future 'You' Mentors, UCD Access & Lifelong Learning Centre.

At UCD we are committed to fostering an environment that is attractive and inclusive to all students, including students with a disability, mature students and students who for a variety of social and economic reasons are under-represented in university.

UCD has a number of initiatives which enable a wide range of students to pursue their studies in UCD. These include outreach activities, providing information and offering alternative admission pathways and post-entry support.

Pathways - the alternative routes to studying at UCD video; available at: www.ucd.ie/all

Outreach, Information and Guidance

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

www.ucd.ie/openingworlds

Student Support

In addition to our general supports, a number of specific post-entry supports are available for students with a disability, mature students and HEAR students. These include:

- Orientation activities and academic skills support.
- Advice and guidance on academic, personal and practical issues.
- Needs based financial support for HEAR students.
- Needs assessment for exam accommodations and Assistive Technology support for students with a disability.
- Specialised Student Support
- Scholarships.

Alternative Admission Pathways

Higher Education Access Route (HEAR)	Disability Access Route to Education (DARE)	QQI-FET	Mature Students	University Access to Arts, Humanities, Social Sciences, Law, Science, Engineering and Agriculture Science	Open Learning
School leavers from under-represented socio-economic groups.	School leavers with a disability or specific learning difficulty.	Students with appropriate QQI-FET (level 5 or 6) qualifications & modules, with a minimum of distinctions in five modules can be admitted on a competitive basis to a number of degree programmes.	Applicants on the grounds of mature years (23 and over).	Access programmes for mature students provide an alternative entry route to study at degree level in UCD. Mature students who achieve the required academic standard in their assessment are guaranteed entry to specific programmes in UCD in the following academic year.	Over 200 modules will be on offer for adult learners. Students can participate and immerse themselves in student life through this part-time mode of study. Each Module carries 5 ECTS. Modules can be taken for credit or audit. Students may combine modules to receive a certificate or diploma award.
hear@ucd.ie	dare@ucd.ie	admissions@ucd.ie	mature.students@ucd.ie	adult.education@ucd.ie	adult.education@ucd.ie
+353 1 716 7535	+353 1 716 7539	www.ucd.ie/registry/admissions/FET.html		+353 1 716 7123	+353 1 716 7123
www.accesscollege.ie	www.accesscollege.ie		www.ucd.ie/maturestudents	www.ucd.ie/all	www.ucd.ie/all

"Going to college, specifically to UCD, was always something I wanted and I tried hard to achieve.Being in UCD gives me the opportunity to get involved in almost anything, keeping me interested and active all the time. I was offered a place through the HEAR Scheme into my dream course - Computer Science. This year, I have decided to further develop my skills and take part in the Future You mentoring programme: I have made many new friends and mentor students in my old secondary school in preparing for the Leaving Certificate and making their college choices."

Patryk Labuzek *Stage 3, Computer Science student, Future You Mentor*

"My name is Aisling and I'm a 1st year History and Politics Student from Dublin. I applied for DARE in 6th year and I've found it to be so beneficial in college. The supports in college have been really great, especially the exam supports. My course is amazing: arts has so many subjects and modules on offer. The modules really allow you to specialise and I'm looking forward to doing modules on gender and the Middle East next year. I've found that societies really allow you to engage with students and staff. My favourite thing about UCD is how engaging the staff are; they're all really approachable and helpful."

Aisling O'Connell *Stage 2, History and Politics, Access Leader and Vice Auditor of Politics and International Relations Society*

"My name is Melissa and I'm a mature student from County Wicklow. I'm in my second year of midwifery and I love it! I chose to return to college as a mature student as I had always wanted to study midwifery but didn't have the points. The mature entry route made midwifery accessible to me, where before it wasn't an option. I love midwifery. I really enjoy that the course is split into theory and practical skills. Getting hands on experience in a hospital is fantastic and really affirms that I made the right decision to return to college. Everyone is lovely and the support for students is second to none! I'm a member of UCD LitSoc and the best part about it is that although I'm studying my passion, midwifery, I also get to explore my love of poetry and writing as a hobby."

Melissa Plunkett *Stage 3, Midwifery, Access Leader and Poet*

"The Access to Arts & Human Sciences programme guaranteed me a place on the (BCL Hon) Law degree. Studying Law has been challenging but rewarding, and I have learnt how to balance both my personal and university life. With the support of the Law School, I have fundraised for charitable causes like Childline and the ISPCC; this has enhanced my university experience and personal development. I am well on my way to meeting my potential and working towards a career I have always wanted."

Joy Kangere *Stage 4, Law Student*

"Archaeology has been an interest of mine for 40 years, but it wasn't possible to pursue this interest until I retired. UCD Open Learning allows me to access the highest quality teaching in Archaeology. The library and online access to the best quality journals enable me to investigate areas of interest. Now having the option to work towards a certificate or diploma award is an added bonus."

Aidan Giblin *Open Learning Student*

Orientation & Accommodation

Ireland's largest university campus, UCD is a vibrant student community with over 2,800 students living on a state-of-the-art campus only 5km from Dublin city centre.

Life at university is not just about lectures and study: there is so much more to being at UCD. You will find that sports, societies and an active social life are vital ingredients of your university experience. Orientation week is a great opportunity to get to know your campus and classmates, and explore the facilities on offer.

Key Fact

UCD has the largest Peer Mentor programme of any Irish university, with over 600 Peer Mentors last year.

New Student Orientation

To help you settle into life at UCD, we organise a timetable of events known as Student Orientation for all incoming new students. This takes place the week before the academic year begins and it is a special week for new students only. It is designed to help you find your way in UCD.

The best part of Orientation is that it's fun! Annual Orientation traditions include comedy, tapas and salsa dancing, debates, movie nights, sports tournaments, DJ and band nights in the Student Club, scavenger hunts and the Orientation Céilí and Barbecue.

Peer Mentoring

As a new student you'll be assigned a Peer Mentor. Peer Mentors are volunteer second or third year students from your academic area who will help you settle in to UCD. Your Peer Mentor will contact you before you even begin Orientation. They will remain your point of contact throughout your first semester, arranging group meetings and providing information about assignments, exams, registration and subject-related issues.

"Orientation week was a great help for learning my way around campus and the facilities. I also got to meet my Peer Mentor, who was able to give me tips about my course."

Cillian Ryan, Social Science

"I found Orientation week very useful as it gave me the opportunity to get to know people in my course and learn my way around the campus. It made settling into UCD much easier."

Daniel Nolan
Commerce International

Accommodation Booking and Support Office
Merville Residences
Email: **residences@ucd.ie**
Tel: **+353 1 716 5772**
+353 1 716 5773

www.ucd.ie/residences

www.ucdaccommodationpad.ie

"Having a Peer Mentor was a valuable experience that provided a solid and positive foundation for my first year in college."

Donal Campbell, Psychology

"Peer mentors are a really great resource, and it's a lovely feeling knowing there's someone on a student level you can turn to with any queries or problems."

Louise Callan
Archaeology and Irish Folklore

Living on Campus

Coming to live on campus at UCD as a first year student is an exciting and liberating experience. To help new students adjust to college life, UCD Residences gives priority to first year students with on-campus places (typically over 1,000 first years are accommodated).Options for undergraduates include self-catering apartments, halls of residence, and catered accommodation which include meals in the cost. Specially adapted facilities are provided for students with disabilities.

As a guideline, accommodation fees for the 2017/18 academic year ranged from €6,060 to €10,710, depending on the type of accommodation.

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 hr support for residents
- On site maintenance team
- Launderettes
- Gym and social spaces
- On site Residence Assistants (RAs) and security
- ResLife programme

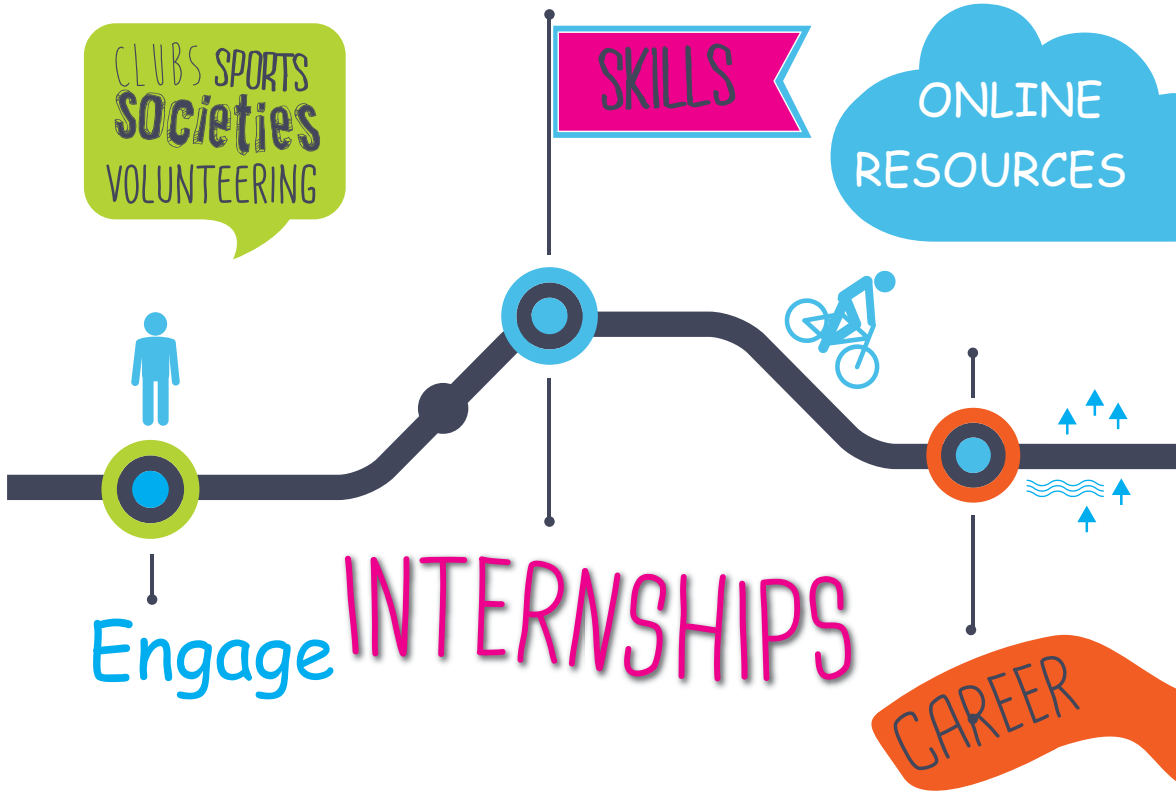
Residential Assistants

Each location has a team of RAs.
The Residential Assistants are current UCD Students who work closely with the Residence Service Team and provide a high quality service for residents out of hours.

ResLife Programme

The Reslife programme aims to build a community within the Residence. There are organised events throughout the year e.g. sports activities, fitness classes, cooking classes, social events, day trips.

Your Roadmap to Success



Get Involved! 1st Year ▶ Explore Career Options!

92.5% of recently surveyed honours degree students entered employment or graduate study within 9 months of leaving UCD

Start Here to Get Your Career Sorted!

UCD is committed to helping students prepare for life beyond University. Whether you have a clear vision of what you want to do upon graduation or are just beginning to look at your career options, we can help.

Check us out at www.ucd.ie/careers and come visit the Centre when you are in your first year- give yourself the edge over your competition!

The Career Development Centre will help you:

- Understand the range of national and international career opportunities available to you.
- Find out what other UCD graduates from your programme have gone on to do.
- Take credit bearing and non credit-bearing programmes & workshops to develop your skills, competencies and attitudes 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.

Supporting your Career and Professional Development

During the academic year 2016/17, UCD students developed the skills and competencies and career knowledge needed for success. Here are some key statistics:

- 8,325 UCD students attended at least one of 196 tailored lectures and workshops carried out in UCD Schools organised by the Career Development Centre.

2nd-3rd Year ▶ Apply! Final Year

- 166 students completed a non-credit Certificate with the Centre e.g. the Non Credit Certificate in Work-Related Learning.
- 2,087 students availed of the career coaching and guidance services.
- 1,994 students completed on-line self-assessment tools such as: Occupational Interest Inventory, Type Dynamic Indicator (helping students understand the relationship of their personality to work), Numerical and Verbal and Abstract Reasoning tests.
- 4,369 students attended 4 Recruitment Fairs held on campus.

Networking Opportunities with World Leading Employers

- 176 employers attended 4 Recruitment Fairs on campus, targeting UCD students for intern and graduate jobs.
- 2,561 intern and graduate jobs were directed to the UCD Career Development Centre for promotion to students at UCD.
- 106 employer-led workshops, lectures and recruitment presentations were delivered on campus.
- 642 employers were added to the Centre's employer database.

What Employers Say about UCD Graduates & Internships

"Every year we hire UCD students for all our programmes including our Summer Internship programme, our Work Placement programme and our Graduate programme. We have alumni from UCD throughout every part of our business from Partners through to Associates. We hire UCD students from all courses including Business, Accountancy, Law, Science, Arts and Engineering. The students we recruit are enterprising, passionate, innovative , bright and have strong communication and interpersonal skills. They're seeking an opportunity for personal and professional growth, the chance to experience new cultures, to build lasting relationships and make an impact. Students and graduates from UCD fulfil all of these requirements and we find that they thrive in 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 high quality and innovative solutions for which Accenture is renowned."

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

accenture

UCD Career Development Centre

You can find us on the corner of the James Joyce Library building. We have our own entrance next to the Campus Bookshop and opposite the main lake.

Career Ambassador providing information at a Career Development Centre Event.

www.ucd.ie/careers

facebook.com/ucdcareers

twitter.com/ucdcareers

Learning Support Services

For new students entering first year, UCD provides dedicated resources to support learning and development.

UCD Library

Visit any of our site libraries, or the Library's websites, and discover what a valuable resource UCD Library can be, with 842,000 print books, 262,000 e-books, numerous subject databases and approximately 98,000 print or electronic journals. If UCD hasn't got a book you are looking for, we'll help you obtain it through our Inter-Library Loan Service or give you an access card for another library.

We provide:

- Library staff to help you locate resources for assignments via our online catalogue and other sources.
- Library tours and training sessions.
- Websites/social media channels providing information, e-tutorials and videos on finding books or articles, references, bibliographies and avoiding plagiarism.
- 3,150 reading or study places for quiet study.
- Group study rooms and social learning spaces.
- Self-issue and return kiosks.
- Online services enabling you to renew loans, pay fines or book study rooms 24/7.
- Wifi and network connections throughout.
- PCs or a laptop loan service (James Joyce /Health Sciences Libraries).

→ **www.ucd.ie/library**

IT Services

IT Access Anytime

UCD has the largest wireless network in the country, so studying, socialising and working on assignments are easier at UCD. Students can avail of free wireless coverage on campus, including residences.

Online services can be accessed 24/7, whether you are at home or abroad through UCD Connect.

UCD Connect gives you access to your personal files, library resources and online learning resources, along with:

- Email and a personal calendar, including class timetable.
- Google Drive.
- Blackboard E-learning system.
- Application Jukebox (Software Delivery).

UCD Mobile

You can download a free app called **UCD Mobile**, that includes an interactive map of campus, news updates, events calendar, sports fixtures and much more!

Help and Advice

There are two drop-in IT Centres on campus where you can go to get IT advice and assistance. They are located in the Daedalus and Health Sciences buildings.

www.ucd.ie/it

UCD is a BYOD (Bring your own device) campus so come to us for all your device queries.

Remember, online support is available at **www.ucd.ie/it**

IT Facilities on Campus

IT Services have open-access laboratories located across campus, where you can login and access your UCD Connect account and a range of networked software applications.

IT Services run an event as part of Orientation Week to introduce new students to some of the main IT facilities used in UCD. Check your Orientation timetable for details.

Cúrsaí Gaeilge/ Irish Language Courses and Activities

Cuireann Bord na Gaeilge UCD cursaí ar fáil ag 5 leibhéal maraon le cúrsaí ar líne agus imeachtaí don chainteoir líofa.

Bord na Gaeilge UCD provides courses in conversational Irish, from beginners to advanced, including an online course, as well as a range of activities and social events through Irish.

→ **www.ucd.ie/bnag**
→ facebook.com/**BordnaGaeilgeUCD**

UCD Innovation Academy

UCD Innovation Academy offers elective modules to undergraduate students. You will have the opportunity to learn in an innovative and creative environment through workshops, industry engagement, team challenges and presentations and gain key skills that are highly sought after by employers.

Introduction to Creative Thinking: Learn the techniques and tools of creativity, problem solving and design thinking in a team-based, action learning environment.

Entrepreneurial Endeavour: Gain practical experience of taking an idea for a business or social venture from inception to testing and validation. Find out more at: **www.innovators.ie/for-undergraduates**

UCD Writing Centre

Being an undergrad means being a writer. All UCD students have to demonstrate their knowledge in the written format. How can the Writing Centre help?

- We provide free, one-to-one writing consultations with experienced writing tutors.
- We give advice on any writing-related issues, from structure and phrasing to referencing and points of grammar.
- We offer help at any stage of your writing, from researching, planning and drafting to editing and proofreading.
- We have a team of experienced, friendly, helpful tutors who come from different disciplines.
- We offer appointments and drop-in sessions, so it's not necessary to book ahead.
- We're open every day, usually from 10am-1pm and 2-4pm.

→ **www.ucd.ie/writingcentre**
→ www.facebook.com/**ucdwritingcentre**

Maths Support Centre (MSC)

Many students find maths difficult. The MSC is a welcoming environment, offering help with maths, applied maths or statistics.

- Any UCD student registered to a Level 0, 1 or 2 module can avail of free maths support, whether or not you take a maths/stats module.
- The MSC works on a drop-in basis during 33 opening hours per week; no need to book ahead.
- Support is on a one-to-one or small group basis, with tuition by friendly and experienced tutors.
- A wide range of maths resources is available, including textbooks, notes and practice sheets and online videos.

→ **www.ucd.ie/msc**
→ **email: msc@ucd.ie**

Applied Language Centre

The UCD Applied Language Centre provides a wide range of language-learning programmes and services for all students.

The emphasis is on the acquisition of communication skills to ensure that students develop the competence and confidence to use the target languages for study or work purposes.

The centre offers the following:

- A range of modules is provided for undergraduate and graduate students as electives.
- Courses include European, Asian, Slavonic and Middle Eastern languages.

→ **www.ucd.ie/alc**

Student Facilities & Supports

UCD has a dedicated support network for students, to help ensure every student gets the most out of their time at UCD.

Campus

The main Belfield campus offers students a wide range of services, including restaurants, cafés, well-stocked shops, a campus bookshop, a bike shop and a barber shop. Launderettes are available for the student residences. There is also a post office and full banking facilities on campus.

Student Centre

The UCD Student Centre offers a relaxed meeting place for students, with café and bar areas, medical centre, pharmacy, as well as an outstanding range of sports and student activity facilities. See page 28 for more details on the UCD Student Centre.

Student Advisers

The Student Advisers provide support for all students throughout their university experience, particularly during their first year. Each programme has a dedicated Student Adviser who is your gateway to support services. Additionally, there are Student Advisers attached to specific groups of students, such as mature or international students.

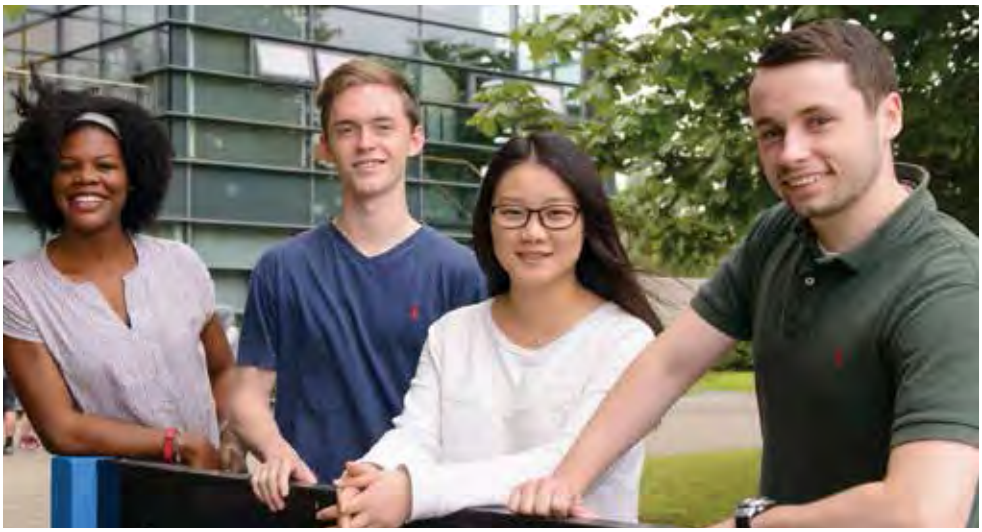
We work closely with the administrative and academic staff, as well as other support staff. We are here to help you make your time at UCD as fulfilling and enjoyable as possible. Students can call to see us in relation to personal, social or practical issues. From simple requests for information to more confidential and serious matters, we will give you the time and space to talk things through.

FIND US ucdsu

Students' Union

All UCD students are automatically members of UCD Students' Union (SU). The SU is the representative body of UCD students and campaigns for their rights at a national and campus level. There are five full-time officers: President, Welfare, Education, Graduate, and Campaigns and Communications. All the SU officers are UCD students and they offer advice through any kind of situation; they understand the issues facing students – you can call over at any time and have a chat with them.

Throughout the year, the SU Entertainments (Ents) Office runs class trips and parties, gigs, comedy nights, mystery tours, The Freshers Ball – your first introduction to life at UCD – and the prime event in the campus social calendar – Rag Week. The SU will keep you informed through its award-winning newspaper, *The University Observer*.



Student Support Services

Students' Union
www.ucdsu.ie

Financial Assistance
www.ucd.ie/studentadvisers/studentlife/financialsupports

Student Advisers
www.ucd.ie/studentadvisers

Crèche
www.ucd.ie/creche
+353 1 269 5143

Student Health Service
www.ucd.ie/stuhealth

Student Counselling Service
www.ucd.ie/studentcounselling
+353 1 716 3133/3134

Chaplaincy/Religious worship
www.ucd.ie/chaplaincy

The Student Centre and the UCD Sport & Fitness complex are the home of student life on campus. With a cinema, debating chamber and 50 metre swimming pool, the development provides the most diverse student facility of any university in Ireland.

Student Centre facilities include:

- State-of-the-art 3D cinema which screens the latest blockbusters and classics.
- Drama theatre.
- Debating chamber.
- 600-seat auditorium.
- Meeting rooms (for student clubs and societies).
- TV studio.
- Radio pod.
- Seminar room.
- Medical centre, pharmacy, barber and newsagent.
- The UCD Clubhouse (bar and function room).
- Great places to eat or just chill out.

Sport & Fitness Centre facilities include:

- 50 metre swimming pool.
- Gym, dance and spinning studios.
- Sauna and jacuzzi.
- Three multi-purpose sports halls.
- Four squash courts.
- Handball/racquetball alley.
- Climbing wall.
- Changing facilities for indoor and outdoor sports.
- Performance and squad gyms.
- 17 natural grass pitches on campus, including the UCD Bowl, home ground to both UCD RFC and UCD AFC.
- Six synthetic 5-a-side pitches.
- A sand-based hockey pitch.
- A synthetic rugby pitch.
- A synthetic GAA pitch.
- A synthetic 11-a-side soccer pitch.
- The National Hockey Stadium.

www.ucd.ie/studentcentre

www.ucd.ie/sportandfitness

Student Gym Membership

Student Gym Membership entitles current UCD students to free access to UCD Sport & Fitness Gym and the Performance Gym. Students who activate their Student Membership can gain access to the pool on a pay-as-you-go basis or can pay a once-off annual charge for unlimited access to the pool area.

Check us out on **facebook.com/studentcentre**

See some samples of student life on **www.ucd.ie/studentcentre/studentexperience/videos**

www.ucd.ie/sport

www.ucd.ie/sportandfitness

www.ucd.ie/studentcentre

UCD Sport & Fitness complex.

Clubs & Societies

Student Societies

Student societies are a great way to explore your interests and develop new ones. UCD has over 80 active student societies so there is something for everyone, from Jazz and Comedy, to Law and Drama.

Guests such as Conor McGregor, Judge Judy, Dustin Lance Black , Neil Gaiman, Will Ferrell, Emeli Sandé, Sir Christopher Lee, Sir Alex Ferguson, Archbishop Desmond Tutu, Noam Chomsky, Seamus Heaney and FW de Klerk have all recently been awarded Honorary Memberships from UCD student societies and sports clubs on their visits to UCD.

UCD Dance Society.

UCD Games Society.

UCD Drama Society.

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

www.ucdsocieties.com

Twitter: **@UCDSocieties**

Facebook.com/**UCDSocieties**

Student Sports Clubs

If you have a passion for competitive sport or a desire to lead a healthier and active lifestyle, UCD Sport and UCD Sport & Fitness have a wide variety of sporting and leisure pursuits to choose from.

UCD Cycling Club.

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

"For me, joining the Trampoline club was one of the best things I did when I joined college. I was immediately struck by the sense of family among the members. The coaches are always so supportive and working with you towards you goals and the committee works so hard to ensure everyone feels welcomed into the club. I've definitely made friends for life in this club and met people I never would have had the chance to meet otherwise. I've been able to learn and successfully compete in skills that I had previously only dreamt of doing. We train hard and we play hard - but no matter what do or where we go, we do it together"

Emily Farrell ,
3rd Year Physiotherapy

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

www.ucd.ie/sport/clubs

www.ucd.ie/sport

www.facebook.com/**ucdsport**

UCD players celebrate winning the Irish Senior Ladies Hockey Cup Final match. Photo by David Fitzgerald/Sportsfile.

UCD Rowing Club.

Maria McGrath of UCD during the O'Connor Cup Semi Final match. Photo by Matt Browne/Sportsfile.

Arts & Humanities

Arts (Two Subjects) 35

- Archaeology 75
- Art History 36
- Celtic Civilisation 37
- Classics (Greek & Roman Civilisation, Latin and Greek) 38
- Drama Studies 39
- English 40
- Film Studies 41
- French 42
- Geography 76
- German 43
- History 44
- Information & Communication Studies 77
- Irish/Gaeilge 45
- Irish Folklore 46
- Irish Studies 47
- Italian 48
- Linguistics 49
- Mathematics 126
- Music 50
- Philosophy 78
- Politics 79
- Sociology 81
- Spanish 51
- Statistics 128

Humanities 34

- Celtic Studies, Art History & History 52
- Classics, Art History & Archaeology 53
- Classics, English & History 54
- English, Drama & Film 55
- English, European & World Literatures 56
- English with Creative Writing 57
- English Literature 58
- Languages, Linguistics & Cultures 59
- Music, Film & Drama 60

Modern Languages 61

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Why UCD Arts & Humanities?

If you want to understand and explain the worlds around you, and if you are interested in evaluating evidence, in weighing up arguments and in being creative, our Arts & Humanities degrees are designed for you. Our degrees develop deep understandings of people, societies and cultures, past and present. We challenge students to consider new perspectives and new ways of approaching problems and ideas. Our graduates are equipped with transferable skills for employment and are recognised for their achievements in business, the media, education, administration, public service and the arts.

The College of Arts and Humanities offers the widest range of Arts and Humanities programmes available in Ireland. It is a vibrant and dynamic environment, where creative, critical and analytical thinking are developed and promoted. Our world-class teachers and researchers attract students from more than 120 countries around the world.

WE OFFER THREE DISTINCT ROUTES TO STUDY FOR A DEGREE IN ARTS AND HUMANITIES SUBJECTS.

BA Arts (Two Subjects) (Three Years)

BA Humanities (Four Years)

BA Modern Languages (Four Years)

BA Arts (Two Subjects) - DN520

This three-year programme gives you the opportunity and freedom to study an unrivalled range of arts, humanities and social sciences subjects. You can choose from many popular subject combinations in this long-established and internationally-recognised degree, which provides an excellent foundation for a range of career options. You will build a unique skill set in research, digital expertise, scholarship, and inquiry, with an ability to use those skills to pursue and evaluate knowledge and to communicate effectively.

KEY FACT
In the 2016 QS World University Rankings, UCD Arts & Humanities is Number 1 in Ireland. UCD has 13 subjects in the top 100 in the world, including: English, History and Modern Languages.

BA Humanities – DN530

The four-year BA Humanities' innovative, interdisciplinary, multi-subject programmes provide coherence and depth to student learning within a carefully structured framework. We offer both intensive training in particular disciplines and unique skill sets that are developed through bringing together subjects that speak to and relate closely to each other.

Choose from our nine BA Humanities programmes:

- Celtic Studies, Art History & History
- Classics, Art History & Archaeology
- Classics, English & History
- English Literature
- English with Creative Writing
- English, European & World Literatures
- English, Drama & Film
- Languages, Linguistics & Cultures
- Music, Film & Drama

In addition, this degree gives you the option to apply for internship opportunities in Year 3 in different areas of employment from industry to the charitable sector, or to embark on a semester or year-long study abroad trip. In Year 4, you may also complete an extended research project/dissertation in your chosen subject area.

BA Modern Languages – DN541

This four-year degree is designed for students who wish to study at least two languages, choosing from French, German, Italian and Spanish. During your studies, you will develop a sophisticated degree of intercultural competence, enabling you to communicate fluently in a broad range of social and professional contexts. Critically aware and open to alternative ways of thinking, successful graduates are equipped to live and work effectively in multi-cultural and multi-lingual environments.

BA Arts (Two Subjects) - DN520

This programme is taught by our world-class academics and allows you to specialise in your chosen subjects so that you can embark on a wide range of future careers, postgraduate opportunities and professional work.

Select your subjects
Indicate on your CAO form the two subjects you wish to study. Find out which you can combine in the grid below. Choose one subject from the first column and a second subject from the top row, from **either** the **'JOINT MAJOR' or 'MINOR'** tables.

Please note that in a Joint Major degree (for example, History and English), students take an equal number of modules in both subjects. In a Major/Minor degree (for example, French with Film Studies), students take more modules in their Major subject (e.g. French).

Choose a Subject from the column below and a second subject from the row across (in **either** the 'JOINT MAJOR' or 'MINOR' table) ● indicates combinations in which both subjects are studied.	JOINT MAJOR																				OR	MINOR						
	Art History	Celtic Civilisation	Drama	English	French	Geography	German	Greek	Greek & Roman Civilisation	History	Irish/Gaeilge	Irish Folklore	Irish Studies	Italian	Latin	Linguistics	Mathematics	Music	Philosophy	Political Studies	Spanish	Statistics		Archaeology	Film Studies	Geography	Information & Communication	Philosophy	Sociology
Art History	–	●	●	●	●	–	●	●	–	●	●		●	●	●		●	●	–	–	●	●		●	●	–	●	–
Celtic Civilisation	●	–	–	●	–	–	●	●	●	●	●	●	●	●	●	●		●	–	–	●	–		–	–	–	–	–
Drama	●	–	–	●	–	–	●	●	●	●	●	●	●	●	●	●	●	●	–	–	●	●		–	●	–	–	–	–
English	●	●	●	–	●	–	●	●	●	●	●	●	●	●	●	●	●	●	●	–	●	●		●	●	●	●	–	●
French	●	–	–	●	–	–	●	●	●	●	●	●	●	●	●	●	●	●	–	–	●	●		–	●	–	–	–	–
German	●	●	●	●	●	–	–	●	●	●	●	●	–	●	●	●	–	●	–	–	–	●		–	●	–	–	–	–
Greek	●	●	●	●	●	–	●	–	●	●	●	●	●	●	●	●	–	●	–	–	●	–		–		–	–	–	–
Greek & Roman Civilisation	–	●	●	●	●	–	●	●	–	●	●	–	●	●	●	–	●	●	–	–	●	–		–	●	–	–	–	–
History	●	●	●	●	●	●	●	●	●	–	●	●	●	●	●	●	●	–	–	●	●	–		●	●	–	–	●	●
Irish/Gaeilge	●	●	●	●	●	●	●	●	●	●		●	●		●	●	●	●	–	–	●	●		–	●	–	–	–	–
Irish Folklore	–	●	●	●	●	–	●	●	–	●	●	–	●	●	●	–	●	●	–	–	●	–		–	–	–	–	–	–
Irish Studies	●	●	●	●	●	–		●	●	●	●	●	–	●	●	●	–	●	–	–	–	–		–	–	–	–	–	–
Italian	●	●	●	●	●	–	●	●	●	●	–	●	●	–	●	●	●	●	–	–	●	–		–	●	–	–	–	–
Latin	●	●	●	●	●	–	●	●	●	●	●	●	●	●	–	●	–	●	–	–	●	–		–	–	–	–	–	–
Linguistics	–	●	●	●	●	–	●	●	–	●	●	–	●	●	●	–	●	●	–	–	●	●		–	–	–	●	–	–
Music	●	●	●	●	●	–	●	●	●	–	●	●	●	●	●	●	●	–	–	–	●	–		–	●	●	–	●	–
Spanish	●	●	●	●	●	–	–	●	●	●	●	●	–	●	●	●	–	●	–	–		●		–	●	–	–	–	–

Year 1
Study your two chosen subjects and develop your range of options by choosing a third subject from the extensive range available.

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

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

Years 2 and 3
Study your two chosen subjects to degree level.

Optional International Study Abroad
UCD offers many opportunities for you to study abroad in one of our prestigious partner universities across the world.

You can choose to spend an additional year abroad and then graduate with a four-year BA International Degree.

Add a Fourth Year
Convert your BA into an MA by taking a one-year course at our top-ranking schools. See relevant subject pages to view course options for MA options.

Art History

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Art History	
as a Joint Major with one of the below:	
Celtic Civilisation	Irish Studies
Drama	Italian
English	Latin
French	Mathematics
German	Music
Greek	Spanish
History	Statistics
Irish/ Gaeilge	
OR	
Studying Art History with one Minor subject:	
Film Studies	Philosophy
Geography	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Art History as a Minor	
with one of the following:	
Archaeology	Sociology

Other courses of interest

Modern Languages →61
Classics, Art History & Archaeology →53

UCD Art History students on Paris study trip.

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

Louis Weyhe Funder Graduate

Why is this subject for me?

Art History is for you if you are interested in any or all of the different aspects of visual culture: painting, sculpture, architecture, the decorative arts and modern visual art forms, including photography, film, video and performance. At UCD, Art History is a stimulating and richly rewarding subject that explores the aesthetic and stylistic, the historical and critical elements of visual art.

What will I study?

The student of Art History will learn to interpret the art of different ages, to assess its meaning, development, context and quality. They will study systems of formal analysis, such as composition, style or iconography; patronage and social context; conceptual and historical analysis. Modules can include:

First Year
Tools of Art History • Giotto to Michelangelo • Caravaggio to Turner • Art & The Modern World.

Second & Final Years
Modernism • The Art & Architecture of Classical Antiquity • Irish Painting • Modern Architecture • Dutch Art • Irish Medieval Art & Architecture • Northern Renaissance • Art & Revolution in the 20th century • The Decorative Arts • Grand Tour • Art and Death • Courts and Court Culture • Visualizing Migration.

Students attend lectures, tutorials and seminars, and undertake independent study. Field trips to local and national museums, galleries, historic buildings and sites are also integrated in the undergraduate programme. Courses have, in some instances, afforded the opportunity for field-trips to London and further afield.

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

Career & Graduate Study Opportunities

Art History stimulates and sharpens visual and critical awareness. It has diverse applications and equips graduates with the skills to appreciate and critically examine the images and environments surrounding them.

Graduates in Art History have found the subject has diverse applications and can lead to employment opportunities in:

Museums and galleries • Cultural and heritage sector • Education and academia • Media, journalism and publishing • Auction houses • Archives.

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

International Study Opportunities

Opportunities to study abroad may include:

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

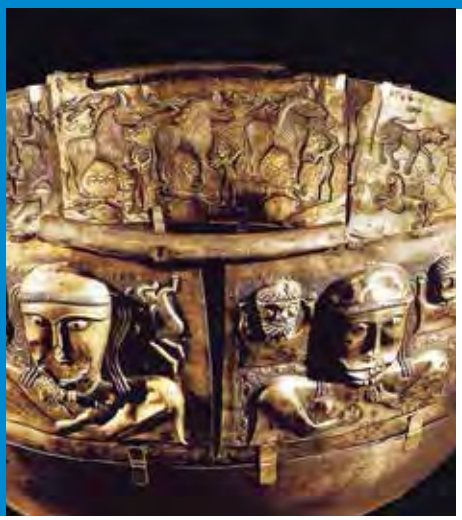
www.ucd.ie/**myucd/artshum**

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

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

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

Rosemary Shannon Celtic Civilisation and Linguistics Student



Celtic Civilisation

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

Why is this subject for me?

Celtic Civilisation enables students to form an overview of the history, literature, language and culture of the Celts over the centuries. No knowledge of the Celtic languages is required, but students, if they choose, may get an introduction to Early Irish, Medieval Welsh, Modern Welsh and Breton.

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

What will I study?

Celtic Civilisation

The Celtic Civilisation programme includes a choice of specifically designed Celtic modules and a choice of relevant modules from other subjects. This gives an opportunity to get a broad overview of Celtic culture but also explore specific aspects of interest.

First year modules include:

The Ancient Celts and their Religion and Mythology • Early Medieval Ireland, its History and Institutions • The History of the British Celts • Medieval Welsh Literature • Vikings in the Celtic World.

Welsh

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

Early Irish

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

Career & Graduate Study Opportunities

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

- Heritage
- Research
- The media
- Teaching
- Business

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

International Study Opportunities

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

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A
Length of Course 3 Years
DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Celtic Civilisation	
as a Joint Major with one of the below:	
Art History	Irish Folklore
English	Irish Studies
German	Italian
Greek	Latin
Greek & Roman Civilisation	Linguistics
History	Music
Irish/ Gaeilge	Spanish

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A
Length of course 4 Years
DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Celtic Civilisation as a Minor
with:
Archaeology

Other courses of interest
Celtic Studies, Art History & History →52

Undergraduate Office
UCD School of Irish, Celtic Studies & Folklore
Newman, Belfield, Dublin 4

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+353 1 716 8105
facebook.com/MyUCD

www.ucd.ie/**myucd/artshum**

Classics
(Greek & Roman Civilisation, Latin and Greek)

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

Corinthian vases from the UCD Classical Museum at UCD.

"Greek and Roman Civilisation provided me with an opportunity to explore the society, literature, history and archaeology of ancient Greece and Rome. I particularly enjoyed the range of topics on offer, which allowed me to gain a broad and extensive knowledge of the ancient world, which complemented my studies in Archaeology. The excellent standard of teaching and approachable staff meant that I thoroughly enjoyed my undergraduate experience, so much so that I signed up for the MA programme when I finished my BA."

Maeve McHugh Graduate

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A
Length of Course 3 Years
DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Greek & Roman Civilisation as a Joint Major with one of the below:	
Celtic Civilisation	Irish/ Gaeilge
Drama	Irish Studies
English	Italian
French	Latin
German	Mathematics
Greek	Music
History	Spanish
Studying Greek & Roman Civilisation with one Minor subject:	
OR Film Studies	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A
Length of course 4 Years
DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Greek & Roman Civilisation as a Minor with one of the following:	
Archaeology	Geography

Other courses of interest

Classics, Art History & Archaeology →53
Classics, English & History →54

Why is this subject for me?

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

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

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

What will I study?

GREEK & ROMAN CIVILISATION

First Year

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

Second & Final Years

Alexander the Great • Greek Tragedy • Heracles the Hero • Greeks, Romans, and Barbarians • Minoans and Mycenaeans • Epic after Virgil • The Oedipus Myth • Pompeii • Eating and Drinking in Antiquity • Family Life in Ancient Greece • Magic in the Ancient World.

There is also the opportunity at the end of first or second year to go to Greece on our study tour.

LATIN

You can begin the study of Latin in first year, or develop existing knowledge from Leaving Certificate or equivalent, through modules on language, literature and culture. Authors studied include Virgil, Cicero, Tacitus, Livy.

GREEK

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

Students attend lectures and tutorials, and undertake independent reading and study. Some modules are taught in small classes. Assessment is through class tests, exams and coursework essays.

Career & Graduate Study Opportunities

Graduates have highly valued skills, including research and data analysis, presentation and discussion of opposing viewpoints, and writing English to a high standard. Graduates have pursued various careers, such as: Advertising • Broadcasting • Journalism • Teaching • IT • Law • Business

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

International Study Opportunities

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

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

www.ucd.ie/**myucd/artshum**

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"Studying Drama has given me the confidence to focus on a career in the theatre. Any aspiring theatre-maker must have a comprehensive knowledge of playwrights, theorists and practitioners, which this course provides. The Drama staff are some of the best educators in the country. They are supportive, knowledgeable and passionate about their work, and they bring diverse experience and considerable patience to the classroom. If you are enthusiastic about drama, you will thrive here."

Eppie Claffey English and Drama Student

Image from "Flawless" UCD Performance Project, 2016; student Eppie Claffey.

Drama Studies

BA (Hons) (NFQ Level 8) - DN520

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Drama	
as a Joint Major with one of the below:	
Art History	Irish Studies
English	Italian
German	Latin
Greek	Linguistics
Greek & Roman Civilisation	Mathematics
History	Music
Irish/ Gaeilge	Spanish
Irish Folklore	Statistics
Studying Drama	
OR with one Minor subject:	
Film Studies	

Why is this subject for me?

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

What will I study?

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

Drama Studies modules include:

First Year
The Theatrical Event: Case Studies in Making Theatre • Theatre Context & Conventions • Introduction to Physical Theatre.

Second Year
Performance in Everyday Life • Contemporary Ireland on Stage • 20th Century Drama • Staging Performance • Queer Theatre and Performance • 20th Century Avant-Garde Theatre.

Third Year
Contemporary Theatre and Performance • Beckett in Performance • Theatre of Martin McDonagh • Research Project • Performance Project • Staging Texts • Introduction to Acting • Playwriting • Educational Drama and Augusto Boal.

Students attend lectures, tutorials and workshops, participate in group work, and undertake independent study. Years one and two introduce students to fundamental theoretical and practical skills for research and analysis in Drama Studies. In year three, students build on this knowledge and are invited to pursue more specialised interests. For example, current offerings at third year include modules that provide students opportunities for intensive study: Performance Project auditions to create a student ensemble and a production working with a professional director, and Research Project invites students to write on a research topic of their choice with individual staff supervision.

Career & Graduate Study Opportunities

Drama Studies will develop your knowledge of theatre and performance, and hone and enhance your research and writing skills, through academic and practical study. A degree in Drama Studies will develop your presentation, teamwork, performance, and analytical skills, allowing you to pursue careers in the following areas:

Theatre (writer, director, actor, dramaturge, producer, theatre and cultural management) • Theatre Industry/Tourism (advertising, public relations) • Education (teaching, research, and educational drama) • Journalism and broadcasting

Master's programmes are offered in specialised areas of Drama and Performance, including a collaborative MA in Theatre Practice, jointly offered by UCD and The Gaiety School of Acting, and an MA in Writing for Theatre (www.ucd.ie/englishdramafilm/study/postgraduate). PhD options are also available.

International Study Opportunities

Opportunities may include:

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

Other courses of interest

English Literature →58
English, Drama & Film →55
Music, Film & Drama →60

Undergraduate Office Drama & Film
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English

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying English	
as a Joint Major with one of the below:	
Art History	Irish Folklore
Celtic Civilisation	Irish Studies
Drama	Italian
French	Latin
German	Linguistics
Greek	Mathematics
Greek & Roman Civilisation	Music
	Philosophy
History	Spanish
Irish/ Gaeilge	Statistics
OR Studying English with one Minor subject:	
Archaeology	Information & Communications Studies
Film Studies	
Geography	Sociology

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying English as a Minor	
with one of the following:	
Sociology	Geography

Other courses of interest

English Literature →58
English with Creative Writing →57
English, European & World Literatures →56
English, Drama & Film →55

This book, printed by the Society of Stationers (Dublin) in 1635, is held in the Special Collections of the UCD James Joyce Library.

"The structure of the undergraduate English programme made it easy for me to explore my interests, and create a path that worked for me. First year provided me with a broad spectrum of English Literature, setting me up with critical thinking skills that were crucial not only in English, but also useful in my other subject. As I progressed through second and third year, I could hone in on the topics I was most interested in, tailoring the course to be focused around these areas. With such an individualised course, I was never stuck studying a topic that bored me."

Anna Graham
English and Philosophy Student

Why is this subject for me?

Study English at UCD if you are an enthusiastic reader, talker and writer, and love 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, elegant fashion. Become a creative and dynamic critic yourself!

What will I study?

You will study themes, forms, theories and contexts of literature from around the world and from Medieval to contemporary times, choosing from more than 60 modules. Modules include:

First Year
Literature in Context 1 & 2 • Contemporary Irish Writing • Literary Genre.

Second Year
Students can study Critical Theory • Reading Medieval Literature • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Twentieth-Century Drama.

Third Year
Students choose from a wide range of specialist modules on different aspects of literary history and culture, including small, in-depth seminars taught by a single lecturer, and larger, collaboratively-taught, research-driven modules.

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

Career & Graduate Study Opportunities

Graduates in English have found employment in: Broadcasting and Journalism • Cultural Production and Arts Management • Public Relations • Business / Finance • Publishing • Law • Politics • Policymaking • Teaching • Heritage • Management Consultancy • Tourism • Humanities Research.

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

International Study Opportunities

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

KEY FACT
UCD English Literature is ranked Number 45 in the world in the QS University Rankings.

www.ucd.ie/**myucd/artshum**

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Film Studies

BA (Hons) (NFQ Level 8)

"I've long been passionate about film and my days as a student in UCD gave me an enriched appreciation for and a wider set of skills for analysing media texts. I graduated from UCD with a BA in Film and Media Studies in 2015 and went on to earn an M.Phil in Film Studies at Trinity College. I now serve as a Tutor in UCD Film and Media Studies, providing small group teaching to first year students on the Perspectives on Film I and II and European Cinema modules. During my last year as a UCD undergraduate, I traveled to Smith College in Amherst, Massachusetts, to deliver a paper at the Society for Cinema and Media Studies Undergraduate Conference. I'm currently preparing applications for doctoral study in the United States."

James Keyes Graduate

One of the first Hollywood stars to be promoted as Irish, the 1920s 'flapper' Colleen Moore, reminds us of the long history of representational traffic between the US and Ireland.

Why is this subject for me?

Media literacy is a vital 21st century skill and the cultivation of such literacy stands at the centre of this degree path. Students are encouraged to make connections between literary, cinematic and televisual forms, to deepen their knowledge of screen cultures and, in particular, to ask serious questions about how representation, culture and politics interrelate. If you have a passion for media, this degree provides a unique opportunity for you to acquire key interpretive skills and hone your ability to make critically reasoned arguments.

What will I study?

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

Modules may include:

First Year

Perspectives on Film I & II.

Second Year

Transformation in European Cinema • Horror Cinema • Hollywood • Irish Cinema and Television • History of Television • Documentary Film.

Third Year

Film Animation • Contemporary Alternative Cinemas • Whiteness, Ethnicity and American Film • Screen Comedy, Religion and Popular Culture.

Students attend lectures and tutorials and may undertake independent study.

Assessment is through end-of-semester written examinations and continuous assessment, such as written assignments, presentations and group projects. In third year, students attend small group seminars, which are predominantly assessed via an end-of-semester written assignment.

Career & Graduate Study Opportunities

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

International Study Opportunities

Opportunities may include:

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Study Film Studies as a Minor with one of the following:	
Art History	History
Drama	Irish/ Gaeilge
English	Italian
French	Music
German	Spanish
Greek & Roman Civilisation	

Other courses of interest

Drama Studies →39
English Literature →58
English with Creative Writing →57
English, Drama & Film →55

Undergraduate Office Drama & Film
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French

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Studying French	
as a Joint Major with one of the below:	
Art History	Irish Studies
English	Italian
German	Latin
Greek	Linguistics
Greek & Roman Civilisation	Mathematics
History	Music
Irish/ Gaeilge	Spanish
Irish Folklore	Statistics
OR Studying French	
with one Minor subject:	
Film Studies	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying French as a Minor
with:
Politics

Other courses of interest

Modern Languages →61
English, European & World Literatures →56
Languages, Linguistics & Cultures →59
Law with French Law →86

www.ucd.ie/**myucd/artshum**

"Studying French at UCD has been a truly rewarding experience. I always looked forward to classes as I knew I was going to learn something new. The lecturers and tutors are very friendly and are more than willing to help with any questions you might have. I thoroughly enjoyed my Erasmus year in Lyon, which helped me gain fluency in the language, while making lifelong friends of different nationalities."

Germaine Fagan French and Greek & Roman Civilisation Graduate

Why is this subject for me?

In studying French at UCD, you will: develop your communication skills and critical thinking by exploring the language and cultures of France and other French-speaking countries; broaden your understanding and command of a language that is both European and global; and equip yourself for today's increasingly diverse society and workplace by enhancing your cultural awareness and intellectual flexibility.

Opportunities exist for suitably qualified students to spend an extra year abroad and graduate with a BA (International). If you wish to reach the level of linguistic proficiency required by employers, we recommend that you opt for the four-year BA (International) degree. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

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

First Year
Foundations in Language and Literature: French Language Ia & Ib • Reading French 1 & 2.

Second Year
Expanding Linguistic and Critical Skills: French Language IIa & IIb • Option modules.

Final Years
Deepening Linguistic and Cultural Awareness: French Language IIIa & IIIb • Option modules.

Sample option modules:
Baudelaire • The Realist Novel • Proust • Contemporary French Poetry • Versailles • Reading Racine's Women • Second Language Acquisition • Introduction to the Enlightenment.

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

Assessment is by continuous assessment, in-class tests, mid-semester written assignments, project work and end-of-semester exams.

Career & Graduate Study Opportunities

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

International business • International relations • Public administration • Education • Translation and interpreting • Journalism and media • Tourism • Careers in the EU

A BA in French may also lead to further study, such as the UCD MA in Modern Languages, or other programmes such as European studies, international relations or translation.

International Study Opportunities

Students of the Joint Honours degree, DN520, are encouraged to apply to spend an additional year abroad at one of our 13 partner universities across France, Belgium, Switzerland and Canada, graduating with a four-year BA (International). Places may be limited and preference will be given to those with better results.

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German

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

"Studying German at UCD has shaped the best few years of my life so far. I chose from an extensive range of interesting and diverse modules that intensified my interest in German culture. I spent an incredible and eye-opening year on Erasmus. My language classes at UCD enabled me to adapt quickly to speaking German constantly while abroad and I was soon able to speak fluently enough to work there without any language difficulties. The degree has opened a huge spectrum of opportunities to me: language skills are much in demand for many jobs both abroad and in Ireland. Since fewer Irish students choose to study German, there is less competition amongst German-speaking candidates like me!"

Laura Cater German Student

Hohenzollernbrücke Köln (Cologne).

Why is this subject for me?

German is the most widely spoken first language in Europe, and, in economic terms, Germany's strength 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 the German-speaking countries, equipping graduates with valuable intercultural understanding and key transferable skills.

Opportunities exist for suitably qualified students to spend an extra year abroad and graduate with a BA (International). If you wish to reach the level of linguistic proficiency required by employers, we recommend that you opt for the four-year BA (International) degree. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

Core language and introductory literature modules are studied each year, as well as a range of modules in literature, history, translation and culture. Examples of modules include:

First Year

German Language • German Language for Beginners • Introduction to German Literature • Introduction to German Linguistics & Translation.

Second & Final Years

German Language (including Intensive German for Ex-Beginners) • 19th Century German Literature • Modernist German Literature • Translation English-German & German-English • Grimms' Tales and Adaptations • German-speaking Enlightenment • Contemporary German Prose.

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

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

Career & Graduate Study Opportunities

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

Advertising/Business/Finance • Civil/ Diplomatic service • International relations • Journalism • Politics • Teaching • Translation • Academia and research • Careers in the EU

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

International Study Opportunities

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

Bayreuth • Berlin (FU) • Bozen (South Tirol) • Erlangen • Graz • Konstanz • Leipzig • Münster • Munich • Potsdam • Vienna • Würzburg

Places may be limited and preference will be given to those with better results.

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Studying German	
as a Joint Major with one of the below:	
Art History	Irish/ Gaeilge
Celtic Civilisation	Irish Folklore
Drama	Italian
English	Latin
French	Linguistics
Greek	Music
Greek & Roman Civilisation	Statistics
History	

OR

Studying German
with one Minor subject:
Film Studies

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying German as a Minor	
with one of the following:	
Sociology	Economics
Politics	

Other courses of interest

Modern Languages →61
English, European & World Literatures →56
Languages, Linguistics & Cultures →59

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History

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying History	
as a Joint Major with one of the below:	
Art History	Irish Folklore
Celtic Civilisation	Irish Studies
Drama	Italian
English	Latin
French	Linguistics
Geography	Mathematics
German	Political Studies
Greek & Roman Civilisation	Spanish
Irish/ Gaeilge	
OR Studying History with one Minor subject:	
Archaeology	Philosophy
Film Studies	Sociology

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying History	
as a Joint Major with:	
Politics	
Studying History as a Minor	
OR with one of the following:	
Geography	Economics

Other courses of interest

Celtic Studies, Art History & History →52
Classics, English & History →54
Law with History →90

The GPO in Dublin in the aftermath of the Easter Rising, 1916 FitzGerald Photographs, P80-PH-02.

"The range of modules on offer throughout the programme make History a brilliant subject to study. Within the same semester, I had the opportunity to study both twentieth century Europe and the French Revolution. In third year, the wide range of choice allowed me to dedicate a lot of time on certain topics that I found fascinating. The research skills which are developed in History are considered valuable to potential employers."

Ryan Fishwick History with Philosophy Student

Why is this subject for me?

Knowing what happened and why is essential in life. Studying History at UCD provides you with the skills necessary to understand the world we live in. Explore the past, examining a wide range of periods and topics that cover many parts of the globe. Study controversies and different ways that the past can be understood. Learn how to research, use evidence and think critically, and develop the transferrable skills desired by employers. History is open to all, both beginners and those who have studied it previously.

What will I study?

In first year you will take 'Creating History', where you will study in a small group with a historian to develop the critical thinking skills that are essential to the subject. This, together with other optional first year modules focusing on broad historical surveys, introduces you to the study of history.

First Year
Rome to Renaissance • Modern Europe 1500–2000 • Ireland's English Centuries • From Union to Bailout.

At the end of first year, there is an option for students to choose to study history as a single subject major to degree level.

Second Year
Modern America, 1776–1945 • War and Peace in the 20th Century • Islam & Christianity • Medieval Ireland • Early Modern Europe • The Russian Revolution • Northern Ireland 1920-2010 • The French Revolution • British Empire.

Final Years
Third year is dedicated to small class teaching and the in-depth study of options that best fit the interests of every student. Optional modules include: The Irish Revolution • Tudor England • 20th Century Europe at War, • Italy since 1943 • United States 1960-1980 • Modern Japan • Making Australian History • Renaissance Florence, as well as the history of sexuality, slavery, crime, religion, medicine and sport.

Students attend lectures and seminars, where small groups discuss and debate historical questions with tutors.

Assessment is through end-of-semester research papers and continuous assessment.

International Study Opportunities

In year three, you can opt to study abroad. Opportunities for History students currently include universities in the following countries:

Austria • Cyprus • Denmark • France • Germany • Italy • Norway • Spain • UK
In addition to: University of North Carolina at Chapel Hill, USA • University of New South Wales, Australia

Career & Graduate Study Opportunities

History graduates can find employment in: Broadcasting and journalism • Business • Civil Service • Law • Publishing • Public Relations • Politics • Research • Teaching • Marketing • Policymaking • Tourism • Heritage

The School of History, in collaboration with UCD Careers Development Centre, operates a Career Mentoring Scheme which matches History students with experienced professionals who are graduates of the School. The mentors are able to offer support in helping students to develop their career ideas and enhance their employability.

Graduates are also eligible to apply for UCD MA programmes in History, which include specialisms in Irish, European, International and Medieval History and History of Welfare and Medicine in Society.

www.ucd.ie/**myucd/artshum**

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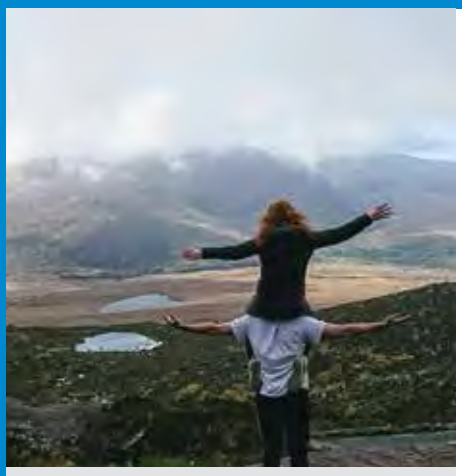
facebook.com/**UCDHistory**
@UCDHistory

"Roghnaigh mé an cúrsa seo, mar go bhfuil traidisiún fíorláidir san ollscoil seo maidir leis an Léann Gaelach. Sa chéad bhliain, déanann tú roinnt mhaith oibre ar do chuid gramadaí, agus forbraíonn tú scileanna labhartha agus éisteachta. Bíonn ranganna teagaisc beaga agat, mar sin, tá sé éasca aithne a chur ar dhaoine eile sa bhliain. An chuid is fearr den chúrsa ná an cúrsa Gaeltachta sa dara agus sa tríú bliain. Caitheann tú seachtain amháin ag déanamh ranganna agus ag blaiseadh an chultúir áitiúil. Is deis iontach í chun do chuid Gaeilge a chleachtadh, agus bíonn an-chraic ag na mic léinn."

Roibeard Ó Leamhna Mac Léinn Gaeilge



Mic léinn Ghaeilge UCD ar thuras Gaeltachta i gCiarraí.

Irish/Gaeilge

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Irish as a Joint Major with one of the below:	
Art History	History
Celtic Civilisation	Irish Folklore
Drama	Irish Studies
English	Latin
French	Linguistics
Geography	Mathematics
German	Music
Greek	Spanish
Greek & Roman Civilisation	Statistics
OR Studying Irish with one Minor subject:	
Film Studies	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Study Irish as a Minor with one of the following:	
Archaeology	Politics
Economics	Sociology
Geography	Information & Communication Studies
Philosophy	

Other courses of interest
Celtic Studies, Art History & History →52

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 teagasic agus tú ag déanamh staidéir ar an nGaeilge, rud a chuirfidh go mór leis an spéis agus leis an taithí atá agat san ábhar. Tabharfaidh na modúil atá ar fáil sa Nua-Ghaeilge léargas duit ar réimsí léinn nua-aimseartha agus stairiúla, idir theanga agus litríocht – Ó Fhionn agus na Fianna anuas go dtí TG4 agus go leor eile.

Cad atá i gceist?

I measc na gcúrsaí a chuirtear ar fáil tá:

- Teanga na Gaeilge (idir Scríobh agus Chumarsáid)
- Nualitríocht
- Iriseoireacht na Gaeilge
- Litríocht bhéil
- Teangeolaíocht na Gaeilge
- Litríocht na Gaeilge Clasaicí
- Scannánaíocht

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

Deiseanna Gairme agus Staidéir

Iarchéime

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

Deiseanna Staidéir Idirnáisiúnta

Tá deiseanna ar fáil do mhic léinn Ghaeilge staidéar a dhéanamh in ollscoileanna thar lear, lena n-áirítear:

- University of Edinburgh, UK
- Sabhal Mòr Ostaig, University of the Highlands and Islands, UK
- Aberystwyth University, Wales
- Philipps-Universität Marburg, Germany
- University of Western Brittany, France

Undergraduate Office
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Irish Folklore

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Irish Folklore	
as a Joint Major with one of the below:	
Celtic Civilisation	Irish/ Gaeilge
Drama	Irish Studies
English	Italian
French	Latin
German	Mathematics
Greek	Music
History	Spanish

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Irish Folklore as a Minor
with:
Archaeology

Other courses of interest
Celtic Studies, Art History & History →52

St John's Eve bonfire, Sruth Fada Con/Sruwaddocon Bay, Erris, Co. Mayo Photo by Noreen Barron, 2001 (National Folklore Collection/Cnuasach Bhéaloideas Éireann).

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

Brian Simpson Irish Folklore Student

Why is this subject for me?

The study of folklore involves the study 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 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. The UCD course investigates Irish Folklore as a local expression of international cultural phenomena, making the subject particularly suitable for international students.

What will I study?

First Year

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

Modules include:

Introduction to Folklore • Folklore & the Imagination • Traditional Storytelling.

Second & Final Years

You will examine specific areas of folklore in greater detail and see how folklore functions as part of our collective culture.

Modules include:

Healers & Healing • Folk Religion & Belief • Collectors of Song & Music • The Narrative Art.

Irish Folklore is taught in lectures, with additional tutorials in several modules. Classes are in English, although students with a knowledge of Irish will find this of help in many areas of the subject.

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

Career & Graduate Study Opportunities

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

- Heritage bodies and institutions, community organisations and local development initiatives
- The media
- Teaching
- Areas related to Irish studies, local studies and ethnic studies

You can also pursue MA and Diploma courses in Irish Folklore at graduate level, as well as MLitt and PhD studies, specialising in one of the many areas of the subject.

International Study Opportunities

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

www.ucd.ie/**myucd/artshum**

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"Irish Studies encompasses a varied, interesting and challenging range of subjects. I have explored and acquired a flavour for Irish archaeology, early and modern film and literature. Engagement with turn of the century and modern Irish drama has definitely touched a chord, sparking off an ongoing interest in the subject. The treatment of gender in modern Irish literature was extremely interesting. If you enjoy all things Irish and embrace diversity, Irish Studies is well worth considering."

Claire Coman Irish Studies and History Student

An early medieval depiction of a boat on the Kilnaruane pillar stone, Bantry, Co. Cork Image: Aidan O'Sullivan © UCD 2006.

Irish Studies

BA (Hons) (NFQ Level 8)

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Irish Studies as a Joint Major with one of the below:	
Art History	History
Celtic Civilisation	Irish/ Gaeilge
Drama	Irish Folklore
English	Italian
French	Latin
Greek	Linguistics
Greek & Roman Civilisation	Music

Why is this subject for me?

Irish Studies is an interdisciplinary programme that examines the variety and diversity of Irish history, society, cultural practice and the complex processes through which Ireland and Irish identities have been constructed. It asks a series of provocative and stimulating questions about ideas of Ireland and Irishness, such as how can we understand the ways in which place, history, culture and society have shaped Ireland, past and present? How do processes of emigration and immigration impact on Irish culture, society and identity? What influence have identity categories such as gender, sexuality, ethnicity and class had on Irish culture, society and identities?

What will I study?

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

Core modules include:

First Year

Introduction to Irish Studies • Introduction to Irish Cultural Studies.

Second Year

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

Third Year

Irish Studies Texts and Contexts • Language Literature and Society.

Students attend lectures and tutorials and undertake independent study.

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

Sample Irish Studies module options

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

Career & Graduate Study Opportunities

Irish Studies graduates can find employment in:

Journalism and the media • Tourism • Heritage • Advertising • Business • The Arts • Public Relations • Public Service • Politics

Graduates are also eligible to apply for UCD MA programmes, including Irish Studies, History and English.

International Study Opportunities

Exchange opportunities available to third-year students have included:

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

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

Other courses of interest
Celtic Studies, Art History & History →52

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Italian

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Italian	
as a Joint Major with one of the below:	
Art History	History
Celtic Civilisation	Irish Folklore
Drama	Irish Studies
English	Latin
French	Linguistics
German	Mathematics
Greek	Music
Greek & Roman Civilisation	Spanish

OR

Studying Italian
with one Minor subject:
Film Studies

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Italian as a Minor	
with one of the following:	
Sociology	Politics

Other courses of interest

Modern Languages →61
English, European & World Literatures →56
Languages, Linguistics & Cultures →59

"I came to Italian with stereotypical views and vague expectations. Thankfully, Italian at UCD had bigger and better challenges for me, and I continue to be surprised and delighted by them. The staff don't just deliver a wonderful learning experience – they are part of that experience."

Mike Norris Italian and Latin Student

Why is this subject for me?

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

Italian accepts both beginners and non-beginners. Opportunities exist for suitably qualified students to spend an extra year abroad at a university in Italy, and graduate with a BA (International). If you wish to reach the level of linguistic proficiency required by employers, we recommend that you opt for the four-year BA (International) degree. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

You will study language modules each year and also choose from modules, including: The Making of Modern Italy • Women's Writing • Renaissance Italy • Culture Under Fascism • The History of the Italian Language • Minorities in Italy.

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

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

Career & Graduate Study Opportunities

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

- Careers in organisations like the EU, UN, and NGOs
- Multinationals
- The Diplomatic Service
- Hospitality and entertainment industries
- Teaching, publishing and journalism
- Translation and interpreting

International Study Opportunities

We recommend that after second year, you complete an Erasmus year at an Italian university, including ones at:

- Cagliari
- Macerata
- Milan
- Rome
- Trento
- Urbino

to achieve the level of proficiency required by employers and for graduate studies. Upon completion of your fourth year, you will then be awarded a BA (International). Places may be limited and preference will be given to those with better results.

KEY FACT
Italian is open to both beginners and non-beginners.

www.ucd.ie/**myucd/artshum**

UCD School of Languages, Cultures and Linguistics
UCD, Belfield, Dublin 4
www.ucd.ie/slcl/

slcl@ucd.ie
+353 1 **716 8302**
facebook.com/**MyUCD**

"I am so glad that I chose to study Linguistics. I learned an enormous amount about many different areas of language and made some great friends. The atmosphere in classes was always positive and the lecturers and tutors were very approachable. They communicated their passion for linguistics in a way that carried us all along with them and it made the three years fly by!"

Kim Harte Linguistics Student

Paul Howard, creator of Ross O'Carroll Kelly, discusses Dublin English with UCD Linguistics class.

Linguistics

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A
Length of Course 3 Years
DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
www.ucd.ie/registry/admissions/FET.html

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Linguistics as a Joint Major with one of the below:	
Celtic Civilisation	Irish Studies
Drama	Italian
English	Latin
French	Mathematics
German	Music
Greek	Spanish
History	Statistics
Irish/ Gaeilge	

OR

Studying Linguistics with one Minor subject:
Information & Communication Studies

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A
Length of course 4 Years
DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Linguistics as a Minor with one of the following:	
Sociology	Philosophy
Politics	Geography

Why is this subject for me?

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

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

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

What will I study?

First Year

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

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

Second & Final Years

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

Language Variation & Change • Language Disorders • Endangered Languages • English as a World Language • Intercultural Communication • The Corpus-based Study of Language.

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

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

Career & Graduate Study Opportunities

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

Speech and language therapy • Language teaching • Editing and publishing • Journalism • Business • Advertising • Software development • Database analysis

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

International Study Opportunities

Students of Linguistics have availed of opportunities to study abroad as part of their BA, at universities in:

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

Other courses of interest

Modern Languages →61
English, European & World Literatures →56
Languages, Linguistics & Cultures →59

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Music

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
www.ucd.ie/registry/admissions/FET.html

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendation
In order to study Music, we strongly recommend that you have a grade H4 in Leaving Certificate Music or the equivalent of grade 5 ABRSM Music Theory.

Studying Music	
as a Joint Major with one of the below:	
Art History	Irish/ Gaeilge
Celtic Civilisation	Irish Folklore
Drama	Irish Studies
English	Italian
French	Latin
German	Linguistics
Greek	Mathematics
Greek & Roman Civilisation	Spanish
OR **Studying Music**	
with one Minor subject:	
Film Studies	Geography
Philosophy	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Music as a Minor
with one of the following:
Information & Communication Studies

Other courses of interest
Music, Film & Drama →60

Anika Babel, UCD Graduate 2016.

"I was a member of the Philharmonic Choir and the Gamelan Ensemble, both of which I immensely enjoyed. You are presented with numerous opportunities that will boost your musical resumé, not to mention the chance to perform in venues like Christ Church Cathedral and the National Concert Hall. The ensembles are all about developing musicianship and responsibilities as an ensemble member. Students are encouraged to create improvisation groups, and even compose new music. By the time you graduate, you will have acquired a skill set and knowledge base that is entirely unique to UCD."

Anika Babel Music Graduate

Why is this subject for me?

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

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

What will I study?

First Year
Writing about Music • Music, Culture & Society • Music Theory and Musicianship • Performance Ensemble Electives.

Second & Final Years
Music History • Formal Analysis • Musics of the World • Irish Music • Baroque Counterpoint • The Orchestra • Blues and Jazz • Harmony and Keyboard Harmony • Musical Traditions of India • Music of the Renaissance • The Piano Concerto • Popular Music • Performance Ensemble Electives.

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

There are four professionally-directed ensembles in UCD that can be taken for credit: the UCD Choral Scholars; the UCD Gamelan Ensemble; the UCD Philharmonic Choir, and the UCD Symphony Orchestra. Auditions for our performing ensembles take place during the first two weeks of the semester.

BMus

Students who wish to move to a pure music degree, after completing the first year of the BA, may apply to transfer to the single subject BMus, subject to meeting the entry requirements. Alternatively, following completion of the BA, you may add a BMus degree by studying for a further year.

Career & Graduate Study Opportunities

Music graduates can pursue careers in:

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

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

International Study Opportunities

The UCD School of Music operates Erasmus exchange programmes with universities in Munich, Prague and Rouen.

Non-EU exchange opportunities include Queen's University, Ontario, Canada, Waseda University, Japan, and University of California, Los Angeles.

Performance Scholarships

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

www.ucd.ie/**myucd/artshum**

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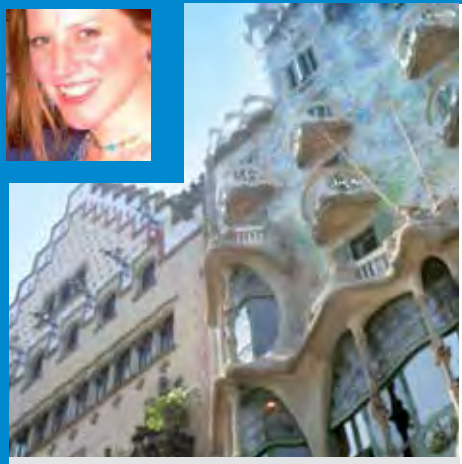
"Spanish in UCD is an intimate and friendly degree which I would definitely recommend. I took part in Spanish language plays, run by students and staff, which were a huge highlight of my year. Lecturers were enthusiastic and supportive, encouraging us to open up and debate in small groups."

Anita Hyland Spanish Student



La Casa Milà (La Pedrera) in Barcelona.

Spanish

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

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A
Length of Course 3 Years
DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
www.ucd.ie/registry/admissions/FET.html

Mature Entry Route
See www.ucd.ie/maturestudents

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

Studying Spanish	
as a Joint Major with one of the below:	
Art History	Irish/ Gaeilge
Celtic Civilisation	Irish Folklore
Drama	Italian
English	Latin
French	Linguistics
Greek	Music
Greek & Roman Civilisation	Statistics
History	
Studying Spanish	
OR with one Minor subject:	
Film Studies	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A
Length of course 4 Years
DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Spanish as a Minor
with:
Politics

Why is this subject for me?

Spanish is a truly global language, spoken by more than 400 million people around the world. Taught through interactive language classes, Spanish is not only accessible in the initial stages of learning, it is also richly rewarding for those interested in the more advanced subtleties of linguistic study. In tandem with learning to communicate effectively in Spanish, a combination of lectures, tutorials and group work enables you to pursue your own readings of and reflections upon works by major authors. This will deepen your knowledge of Hispanic culture, as well as sharpening your critical faculties. Opportunities will be available to study Portuguese and acquire translation skills.

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

Opportunities exist for suitably qualified students to spend an extra year abroad and graduate with a BA (International). If you wish to reach the level of linguistic proficiency required by employers, we recommend that you opt for the four-year BA (International) degree. Alternatively, if you wish to study more than one language, with a year abroad, consider DN541 Modern Languages.

What will I study?

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

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

Second & Final Years
Language • Latin-American Literature • Modern Novel & Film • Modern Poetry • Commercial Spanish • Translation • Advanced Oral Language • Erasmus Opportunities • Electives, including Portuguese Language.

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

Career & Graduate Study Opportunities

Our graduates are flexible, articulate and eminently employable people who can enjoy careers in: Civil service • Journalism • Banking and business • Teaching • Tourism.

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

International Study Opportunities

We operate exchanges with several partner institutions in Spain, Latin America and Portugal, including: Deusto, Bilbao, Spain • Zaragoza, Spain • Valladolid, Spain • Salamanca, Spain • Castilla-La-Mancha (Ciudad Real), Spain • Seville, Spain • Pontificia Universidad Católica de Chile (Santiago), Chile • Monterrey, Mexico • Austral, Buenos Aires, Argentina • Montevideo, Uruguay • Lisbon, Portugal • Coimbra, Portugal

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

Other courses of interest

Modern Languages →61
Languages, Linguistics & Cultures →59

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Celtic Studies, Art History & History

BA (Hons) (NFQ Level 8)

Gallarus Oratory, Dingle Peninsula.

"I came to UCD for the wide variety of subjects – I would never have been able to study Celtic Civilisation, for example, in France. What I like most about my course is the range of topics we study. I take modules that explore art history, architecture, archaeology, religious studies, anthropology and history. We get to experience the things we study first hand through visits to the archaeological museum in UCD or to historical sites around Dublin. Teachers and tutors are incredibly helpful, and this really helps to make the student experience in UCD enjoyable."

Suzanne L'Anthoën Greek & Roman Civilisation and Celtic Civilisation Student

CAO Code **DN530** BA Humanities

CAO Points Range 2016 **N/A**

Length of Course **4 Years**

DN530 Places **220**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Classics, Art History & Archaeology →53
Classics, English & History →54

Why is this programme for me?

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

What will I study?

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

First Year

Choose to study from the full range of Celtic Studies, Art History and History modules, such as: The Ancient Celts • Early Medieval Ireland, its history and institutions • The History of the British Celts • Medieval Welsh literature • Vikings in the Celtic World • Ireland's English Centuries • Creating History • Modern Ireland • Tools of Art History • Giotto to Michelangelo • Caravaggio to Turner • Art & The Modern World.

Second Year

Choose to study from the full range of Celtic Studies, Art History and History modules, such as: Medieval Ireland • Northern Ireland • Islam & Christianity • British Empire • Modernism • The Art & Architecture of Classical Antiquity • Irish Painting • Modern Architecture • Dutch Art • Art and Death • Courts and Court Culture • Visualising Migration • Art & Revolution in the 20th Century • The Decorative Arts.

Third Year

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

Fourth Year

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

Career and Graduate Study Opportunities

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

International Study Opportunities

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

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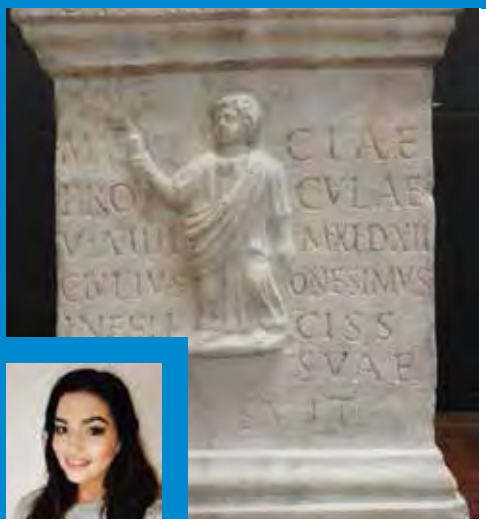
"The Schools of Classics and Archaeology students and faculty members get to know each other easily and quickly, which is invaluable in a large university. The degree has allowed me to explore career options that range from further scholarly and academic studies, to careers in international heritage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

Zoë Purser-Doyle Archaeology and Greek & Roman Civilisation



Classics, Art History & Archaeology

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 **N/A**

Length of Course **4 Years**

DN530 Places **220**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this programme for me?

Students who take this programme will benefit from the inter-disciplinary study of the visual arts, archaeology, and material culture from prehistory and antiquity to the present day. In Classics, you will use literary and historical analysis along with the visual and material evidence to reconstruct the lost worlds of the Greek and Roman past; in Art History, you will learn the skills of visual analysis and learn how to read images in their social and cultural context; and in Archaeology, you will learn the principles and practices of archaeological approaches to material culture and landscapes in order to explore past human societies.

What will I study?

Classics is the study of the history, literature, and material culture of the Greek and Roman Mediterranean from the Bronze Age to Late Antiquity. It is a subject which inspired the Renaissance and remains central to understanding modern European culture and society. Art History interprets the art of different ages, assesses its meaning, development, context and quality. Students study systems of formal analysis such as composition, style or iconography; patronage and social context; conceptual and historical analysis.

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

First Year

Take an interdisciplinary module based in the UCD Classical Museum and choose from the full list of Classics, Art History and Archaeology modules, including: Classical Greece • Age of Augustus • Lost Cities of the Ancient World • Art History from Antiquity to the Medieval Period • Giotto to Michelangelo • Caravaggio to Turner • Exploring Archaeology • Introduction to the Archaeology of Ireland • The Human Past • Anthropology.

Second Year

Take an interdisciplinary module on the theme of Cultural Heritage and choose from the full list of Classics, Art History and Archaeology modules, including: Art and Monuments of Imperial Rome • Minoans and Mycenaeans • Greeks, Romans, and Barbarians • Irish Medieval to Early Modern Art and Architecture • Art and Architecture of Classical Antiquity • Studies in Antiquity • Archaeology of Things • Archaeology of Landscapes • How Archaeologists Think • Cultural Heritage.

Third Year

A core module based on summer fieldwork in Glendalough and a selection from the full range of modules in Classics, Art History, and Archaeology.

Fourth Year

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

Career & Graduate Study Opportunities

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

International Study Opportunities

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

Other courses of interest

Classics, English & History →54
Celtic Studies, Art History & History →52

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Classics, English & History

BA (Hons) (NFQ Level 8)

CAO Code DN530 BA Humanities

CAO Points Range 2016 N/A

Length of Course 4 Years

DN530 Places 220

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Classics, Art History & Archaeology →53
Celtic Studies, Art History & History →52

A coin from fifth century BC Athens, birthplace of democracy. The owl represents Athena, goddess of wisdom and patron of Athens.

"I thoroughly enjoyed both subjects, and there was a wide range of modules to choose from in both. As you progress through the two subjects, you have the opportunity to focus your specific interests within the course. There are excellent facilities for both departments, and UCD even has its very own Classical Studies museum tucked away upstairs, which is full of artefacts and interesting information! I loved my time spent studying both of these subjects, and found the teaching in UCD to be of a fantastic standard. So much so, that I continued on to study an MA in American Literature in UCD, and I am now completing my Professional Master's of Education (also in UCD) in order to become an English and Classical Studies teacher."

Joanne Collins English and Classical Studies Graduate

Why is this programme for me?

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

What will I study?

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

First Year

Choose from the full range of modules in Classics, English and History, including: Classical Greece • Age of Augustus • War and the Hero (Homer and Virgil) • Lost Cities of the Ancient World • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading/Creative Writing • Modern Europe • Creating History • Modern Ireland • Rome To Renaissance.

Second Year

Choose from the full range of modules in Classics, English and History, including: Alexander the Great • Greek Tragedy • Heracles the Hero • Greeks, Romans, and Barbarians • The Oedipus Myth • Pompeii • Eating and Drinking in Antiquity • Magic in the Ancient World • Reading Medieval Literature • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Twentieth-Century Drama • Modern America • French Revolution • British Empire • Northern Ireland • Early Modern Europe.

Third Year

Take a dedicated interdisciplinary module – Undertake an internship or study abroad for a semester – Choose to study from the full range of Classics, English and History modules.

Fourth Year

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

Career and Graduate Study Opportunities

A strong focus on the fluent articulation and analysis of ideas means students on this programme will gain the cultural capital and transferable skills highly valued by employers, whether in business sector, arts and heritage, civil service or the media.

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

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

International Study Opportunities

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

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"I have thoroughly enjoyed my time studying in the School of English, Drama and Film. What has struck me most about the combination of these subjects is the fact that the skills acquired in one subject can be applied to the other. There is also a great correlation between the material covered in the subjects. Overall, this is a fantastic degree as it furthers a student's understanding of how to structure an academic essay on either written or audio-visual texts and also exposes students to historic, cultural and social contexts which they may be unfamiliar with prior to their college career."

Ruairí Costello English and Film Studies Student

An image from Georges Méliès's famous 1902 film, Le Voyage dans la Lune.

English, Drama & Film

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 **N/A**

Length of Course **4 Years**

DN530 Places **220**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this for me?

Study English, Drama and Film if you are interested in the relationships between literature, drama, film, and media cultures. Refine your critical engagement with a wide variety of texts and cultures, in different genres and media, and across different national and historical locations. Consider the role of cultural representation across a diverse range of genres, forms and time periods in shaping community and societal structures and beliefs. Explore how the study of English, Drama and Film intersects with questions of gender, race, and identity. Become a critical and creative thinker.

What will I study?

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

First Year

Page, Stage, Screen 1 & 2 • Literature in Context 1 & 2 • Theatre Context and Conventions • The Theatrical Event • Perspectives on Film 1 & 2.

Second Year

Critical Theory • Reading Medieval Literature • Renaissance Literature • Romantic Literature • Performance in Everyday Life • Staging Performance • Contemporary Ireland on Stage • European Cinema • Irish Cinema • History of Television • Hollywood Cinema.

Third Year

Fin-de-Siecle • Shakespeare in Context • Contemporary Historical Novel • Contemporary Theatre and Performance • Staging Texts • Whiteness and Ethnicity • Animation • Documentary Film • Internship • Semester Abroad.

Fourth Year

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

Career and Graduate Study Opportunities

Graduates of UCD School of English, Drama and Film have found employment as writers, dramatists, and filmmakers, and in areas such as journalism, broadcasting, cultural agencies and industries, research and administration, education, and advertising and public relations.

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

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

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

International Study Opportunities

We offer a number of Erasmus and Study Aroad opportunities, including in: Albert-Ludwigs-Universität, Frieburg, 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.

Other courses of interest

Music, Film & Drama →60
English, European & World Literatures →56

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English, European & World Literatures

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 N/A

Length of Course 4 Years

DN530 Places 220

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Modern Languages →61
English Literature →58

"In UCD, I have been able to combine my passion for French with my keen interest in English literature. I spent an unforgettable Erasmus year in Lille, studying literature, improving my fluency in French, and developing valuable intercultural skills. My degree has allowed me to excel personally and professionally, providing me with a wealth of transferable skills that national and international employers look for in graduates nowadays. I enjoyed my studies so much so that I have embarked upon doctoral research in French literature!'

Emma Dunne French and English Student

Why is this programme for me?

This programme develops an in-depth understanding and a questioning of the literary and intellectual legacies of European languages, including English. You will look at the ways in which these literatures have impacted, and continue to impact, beyond their countries of origin. You will explore the relationship between writing and place, examine how other cultures respond to key/global issues, and assess how languages encode and challenge cultural identities.

What will I study?

Students will read English and one of the modern languages French/Spanish/Italian/German.

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

First Year

English modules: Literature in Context 1 and 2 • Contemporary Irish Writing • Literary Genre • Foundational literature / culture modules in either French / Spanish / Italian / German. Two dedicated transdisciplinary modules: Reading European Literature 1 and 2 Language proficiency modules in either French / Spanish / Italian / German.

Second Year

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

Third Year

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

Fourth Year

Specialised option literature / culture modules in both English and either French / Spanish / Italian / German. Language proficiency modules in either French / Spanish / Italian / German • Plus another subject • Plus Elective modules

Research dissertation on a topic related to either English literature; the literature / culture of a European language; or a subject of a transdisciplinary, comparative nature.

Career & Graduate Study Opportunities

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

In addition to MLitt and PhD programmes, this programme prepares students for post-graduate study in the School of Languages, Cultures and Linguistics, and the School of Irish, Celtic Studies and Folklore.

International Study Opportunities

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

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"Every class, whether theory or practice, included lots of well-directed and very relevant discussion, so there was a great sense of involvement. The atmosphere was one in which everyone was empowered to pursue their own creative endeavours. I was able not only to begin writing a novel, but almost finish the first draft. Also, I found the courage to write poetry again. The guest lectures from publishing experts and well established writers were particularly helpful in learning how to go about having my novel published."

Disharee Bose MA in Creative Writing

A scene from the production in Kilmainham Jail of Signatories, a series of monologues by eight Irish writers centred on 1916 and edited by Dr. Lucy Collins of the School of English Drama and Film.

English with Creative Writing

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 N/A

Length of Course 4 Years

DN530 Places 220

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Please Note:
Progression to the "English with Creative Writing" pathway will be determined by the standard of a creative writing portfolio submitted at the end of year 1. Students who do not progress to the "English with Creative Writing" pathway will complete their final three years as "English Literature" students.

Why is this programme for me?

If your interest in literature extends to an ambition to write creatively, this degree programme will support that ambition through classes, workshops, and seminars dedicated to the development of your creative talent. In the final year, you will work on – and complete to 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 about form and genre. You will explore a range of narrating voices by reading texts selected to illustrate this range. In a similar way, you will learn how characters are constructed, how to handle dialogue, how to manage time and sequencing and many other elements of the craft of writing, which will be generally helpful and occasionally inspiring in your own writing. You will be introduced to contemporary developments in literature by considering the work of a number of Irish writers, who will address the class and provide valuable insight into the writing process.

First Year

Critical Reading/Creative Writing • How to Read Poetry • Writing the Body • Literature in Context 1 & 2. • Contemporary Irish Writing • Literary Genre • Plus another subject • Plus Elective modules

Progression to the 'English with Creative Writing' pathway will be determined by the quality of a portfolio submission in Year 1. Students who do not progress to the 'English with Creative Writing' pathway will continue in the English Literature programme (see page 58).

Second Year

Creative Writing 1 & 2 • Critical Theory • Medieval Literature • Irish Literature in English • Renaissance Literature • Romanticism • Victorian to Modern Literature • Modern American Literature.

Third Year

Poetry Workshop • Travel Writing • Students will also choose from a wide range of specialist English modules such as Paradise Lost, Shakespeare in Context, Austen's Peers, Yeats, Reading Ulysses, Reading Beckett, The Theatre of Martin McDonagh.

Fourth Year

Advanced Writing Project • Students will also 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

Career and Graduate Study Opportunities

Creative Writing graduates often find employment as writers, editors, in the publishing sector, as literary agents, literary event support, literary centre support, and as literary critics.

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

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

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

International Study Opportunities

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

Other courses of interest

English, Drama & Film →55
English Literature →58

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English Literature

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 **N/A**

Length of Course **4 Years**

DN530 Places **220**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

English with Creative Writing →57
English, Drama & Film →55
English, European & World Literatures →56

"I started my undergrad in English Literature without really knowing what to expect. Having a great love for reading, writing and storytelling, I initially saw my BA as a means of encountering a diverse range of literature, not necessarily looking ahead to what I'd do once my degree was complete. Fortunately, not only did I acquire a valuable set of skills over the course of my studies, emerging as an effective communicator and critical thinker, but also discovered a passion for Medieval and Early Medieval writings. Now, coming towards the end of an MA in Medieval Literature and Culture, I am considering pursuing a PhD in the near future, with an eye towards a career in academia."

Karl Milne English Literature Student

Why is this programme for me?

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

What will I study?

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

First Year

Literature in Context 1 & 2 • Contemporary Irish Writing • Literary Genre • How to Read Poetry • Writing the Body • Critical Reading / Creative Writing.

Second Year

Critical Theory • Reading Medieval Literature • Reading Old English • Spenser in Ireland • Irish Literature in English • Modern American Literature • Renaissance Literature • Romanticism • Victorian to Modern Literature • Twentieth-Century Drama.

Third Year

Choose from a wide range of specialist modules in different literary fields, including: The Body in Pain in Irish Culture, Literature and Science, Architecture and Narrative, Contemporary Historical Fiction, Literary Studies and Digital Humanities, Literature, Modernity and the Sea, and many others.

Study Abroad • Internship.

Fourth Year

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

Career & Graduate Study Opportunities

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

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

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

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

International Study Opportunities

We offer a number of Erasmus and Study Aroad opportunities, including at: Albert-Ludwigs-Universität, Frieburg, Germany • Université Sorbonne (Paris IV), France • University of Turin, Italy • University of Verona, Italy • University of Amsterdam, the Netherlands • University of Coimbra, Portugal • University of Barcelona, Spain • University of British Columbia, Canada • University of Miami, USA • University of Otago, New Zealand.

www.ucd.ie/**myucd/artshum**

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"I didn't really know exactly what Linguistics entailed when I first chose to study it in UCD. I quickly fell in love with it and took as many modules in it as I could. The pairing of German and Linguistics was a winner for me. I was at an immediate advantage in Linguistics, having German by my side. I was able to comprehend the syntax terminologies, having already learned them through German. That was not all that German was good for! German literature was the fun part of my degree. Reading fiction through another language is incredibly entertaining and rewarding."

Ruby Towers German and Linguistics Student

Languages, Linguistics & Cultures

BA (Hons) (NFQ Level 8)

CAO Code **DN530** BA Humanities

CAO Points Range 2016 N/A

Length of Course 4 Years

DN530 Places 220

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this programme for me?

This programme is designed for students who are seeking a high level of language and intercultural competency by developing effective communication and analytical skills. The programme takes a holistic approach to language by fostering linguistics, alongside literary and cultural approaches. Students can chose between French, German, Greek, Italian, Irish, Latin, and Spanish, with Portuguese and Welsh also available as minors. Irish modules are directed towards its status as a modern working language in the European Union and towards broadening its scope nationally and internationally.

What will I study?

This programme focuses on specific oral and written language skills and critical intercultural and interdisciplinary skills. Its emphasis on modern language teaching methods combines theoretical and practical resources with a range of primary material such as literary texts, material culture, natural spoken language, and computer-mediated texts. Learning activities critically explore communicative practices and students will engage with a variety of approaches to language and language-related products, including approaches based on literary, linguistic, historic and cultural studies. The programme fosters a wide range of transferable skills, ranging from active communications skills in English and a second language, academic writing, speaking and presentation skills, to project-work and critical analysis skills.

First Year

All students take the core interdisciplinary module: Introduction to Languages, Linguistics and Cultures, plus another subject, plus Elective modules. Students also take modules in Language Skills in their chosen language, along with modules in Literature and Linguistics. Students may also take a second language at this stage, but must opt for one at the end of semester 2.

Second Year

Students take intermediate Language Skills in their chosen language, and in Literature, Culture and Linguistics, with a range of in-programme options also available.

Third Year

Students will either spend an academic year studying abroad (typically in a country where the target language is spoken). Alternatively, you may combine a semester abroad with an internship or a research project.

Fourth Year

Students take advanced Language Skills and advanced modules in Literature, and Linguistics, with a range of in-programme options also available.

Career & Graduate Study Opportunities

This programme prepares students for a variety of career paths, including: careers in education, media, translation, public service, cultural institutions, research, editing and publishing, and a wide range of private sector employment opportunities that require intercultural competences. With regard to the Irish language, one of the main aspects of this programme is to address the status of Irish as a modern working language in the European Union.

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

International Study Opportunities

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

Other courses of interest

Modern Languages →61
English, European & World Literatures →56

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Music, Film & Drama

BA (Hons) (NFQ Level 8)

CAO Code DN530 BA Humanities

CAO Points Range 2016 N/A

Length of Course 4 Years

DN530 Places 220

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

English, Drama & Film →55
English with Creative Writing →57

The UCD Gamelan Orchestra performing at the National Concert Hall. Gamelan is a classical performance tradition from Indonesia that combines music, dance, drama, and visual arts.

"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 would provide you with a fuller understanding of complementary disciplines working in harmony to create works of entertainment and art."

Róisín Coyle Playwright (Music and English Graduate)

Why is this programme for me?

Music, Film and Drama are art forms that speak to the very core of human experience; they impact our lives every day. This 4-year programme allows students to immerse themselves in the close study of these forms, to understand them from cultural and historical perspectives, and to explore the ways in which they influence and transform each other. Learn how to understand the inner workings of these art forms. Deepen your knowledge of their historical development. Research and write about the important place of these arts in society.

What will I study?

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

First Year

Intro to Physical Theatre • Mediation and Adaptation • Composition • Musicianship • The Theatrical Event • Perspectives in Film I and II • Music, Culture and Society • Theatre Context and Conventions • Film Sound • Performance Electives.

Second Year

Play: Performance and Interactive Media • Popular Music and Culture • Staging Performance • European Cinema • Documentary and Ethnograpy • Music History Since 1750 • History of TV • Irish Theatre • Hollywood • Musics of the World • Performance Electives.

Third Year

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

Fourth Year

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

Career and Graduate Study Opportunities

The 4-year pathway prepares graduates to pursue careers in:

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

The programme also prepares students for graduate study in:

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

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

MMus (Musicology or Ethnomusicology)

MA in Film Studies

MA in Drama and Performance Studies

International Study Opportunities

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

www.ucd.ie/**myucd/artshum**

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"I have always had a profound interest in the Romance languages and the cultures associated with them. When I found out about the BA in Modern Languages, I knew it was the right degree for me because it combines the main European languages with their past and present culture and history. The language classes are taught in small groups, creating a very relaxed learning environment where teachers are always available to help you with any problems. The year abroad has not only given my language skills a huge boost but has also broadened my understanding of what it means to be a citizen in the EU nowadays."

Carla Fette French and Italian Student

Modern Languages

BA (Hons) (NFQ Level 8)

Restricted option choices may apply to the combination German/Spanish, especially in second and final year.

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. 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 crucial element of the degree is the year abroad, where you have the unique opportunity to become immersed in another culture.

You will find details in this prospectus of the opportunities available to study French, German, Italian and Spanish, including the opportunity to spend a year abroad. 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).

What will I study?

First Year

Modules in two languages, at either advanced or beginner level, as well as:

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

Second Year

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

Year Abroad

Linguistic, literary, historical and/or cultural courses at the host institution • Continued study of second language.

Fourth Year

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

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

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

Career & Graduate Study Opportunities

Your excellent knowledge of languages and strong communication, intercultural and analytical skills will open careers in:

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

You will also be well qualified to pursue programmes at MA and PhD level.

International Study Opportunities

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

CAO Code **DN541**

CAO Points Range 2016 455—600

Length of Course 4 Years

DN541 Places 50

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendation:
If you choose to study a language at advanced level during your first year, it is recommended that you have at least a H4 grade in that language at Leaving Certificate, or equivalent.

Other courses of interest

Commerce International →100

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UCD are number one for social sciences in Ireland, leading 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 student – to act as a guide 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. You will be given academic advice and support on your choices as you advance into second year.

Social Sciences

Computational Social Science 66
Economics 67
Economics, Mathematics & Statistics 68
Landscapes & Society 69
Philosophy, Politics & Economics 70
Psychology 71
Social Policy & Sociology 72
Social Policy 74

Two Subject Combination 65

Archaeology 75
Art History 36
Celtic Civilisation 37
Classics (Greek & Roman Civilisation, Latin and Greek) 38
Economics 67
English 40
French 42
Geography 76
German 43
History 44
Information & Communication Studies 77
Irish/Gaeilge 45
Irish Folklore 46
Irish Studies 47
Italian 48
Linguistics 49
Mathematics 126
Music 50
Philosophy 78
Politics 79
Social Justice 80
Sociology 81
Spanish 51
Statistics 128

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Studying UCD Social Sciences

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

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

Career Opportunities

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

BSc Social Sciences students may undertake an internship for a semester in Year 3.

International Study Opportunities

As Ireland's global university, we encourage our students to apply to study for a semester or a year abroad through UCD's extensive global network of partner universities. Study abroad is available as an option in our three-year programmes. This will extend your degree by a year and you will graduate with a BSc or BSocSc International degree. In our four-year progamme, 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 curation, 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 67 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 71 for more details.

BSocSc Social Policy & Sociology - DN750

This three-year BSocSc Social Policy & Sociology degree is a Joint Major in Social Policy and Sociology. This degree was previously named the BSocSc in Social Science. Graduates often progress to further study to become social workers and related professions. When you apply for this degree via the CAO, you choose DN750 BSc Social Policy and 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 semester. You will learn to analyse, criticise and challenge beliefs and assumptions - including your own.

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

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

TWO SUBJECT COMBINATION (TSC)

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

Studying Archaeology

as a Joint Major with one of the below:

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

OR with one Minor subject

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

Studying Economics

as a Joint Major with one of the below:

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

OR with one Minor subject

History	German
Chinese	Irish

Studying Geography

as a Joint Major with one of the below:

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

OR with one Minor subject

English	Linguistics
Greek & Roman Civilisation	Chinese
History	Irish

Studying Information & Communication Studies

as a Joint Major with one of the below:

Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Philosophy	Statistics
Politics	

OR with one Minor subject

Chinese	Irish
Music	

Studying Philosophy

as a Joint Major with one of the below:

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

OR with one Minor subject

Chinese	Irish
Greek	Linguistics

Studying Politics

as a Joint Major with one of the below:

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

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
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	

OR with one Minor subject

Art History	German
English	Irish
Linguistics	Italian
Chinese	

Studying Social Justice

as a Joint Major with one of the below:

Archaeology	Philosophy
Economics	Politics
Geography	Sociology
Information & Communication Studies	

Computational Social Science

BSc (Hons) (NFQ Level 8)

"Computational Social Science allows me to combine my curiosity about society with training in analytical skills and offers excellent employment opportunities.The skills in advanced statistical modelling I've received in the programme are invaluable in the age of big data, social media and the internet of things. Everything and everyone is increasingly connected through the internet. Computational Social Science has helped pave the way for a highly rewarding career. I'm so glad I took a step and filled out the application."

Travis Tatum PhD student in Computational Social Science

CAO Code **DN700**

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Computer Science →136

Why is this degree for me?

Do you want to work for Google, Facebook or another company that deals with big data about individuals, social networks or social groups? The new BSc degree in Computational Social Science provides excellent employment opportunities in social media companies, but also in traditional sectors where the analysis of social and consumer data is ever more important. Strong analytical skills are combined with solid training in social sciences subjects such as Sociology, Politics, Economics or Geography.

What will I study?

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

First Year

The first year includes core modules in: Computational Social Science • Programming • Mathematics and Statistics. In addition, students choose two social sciences subjects from: Sociology • Politics • Economics • Geography • Plus an Elective module.

Second Year

The second year includes further courses in Computational Social Science • Programming • Mathematics and Statistics and modules in your two social sciences subjects, as well as electives from a range of other subjects plus Elective modules

Third Year

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

Fourth Year

The fourth year includes an interdisciplinary workshop and an individual capstone project with industry partners, in addition to modules that will strengthen and consolidate learning in key areas of Computational Social Science.

Assessment

Students usually attend lectures and participate in seminar discussions and lab tutorials. Assessment is based on assignments throughout the semester, small group work, individual reports, traditional exams and other forms of assessment.

Career & Graduate Study Opportunities

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

International Study Opportunities

During the third year, we offer a study abroad semester. Destinations include countries such as: Belgium • England • France • Italy • Netherlands • Norway • Spain • USA • Australia • China and South Korea, and the list is continuously expanding.

www.ucd.ie/**myucd/socsc**

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

Mojdeh Khandanian Economics Single-Major Graduate, 2016

Professor Karl Whelan of the UCD School of Economics speaking with students.

Economics

BSc (Hons) (NFQ Level 8)

CAO Code **DN710** BSc Economics

CAO Points Range 2016 N/A
Length of course 3 years
DN710 Places 40

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H5 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET None

Mature Entry Route www.ucd.ie/maturestudents

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A
Length of Course 4 Years
DN700 Places 500

For general entry requirements, see pages 196-203

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.myucd.ie/applying-to-ucd

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

Mature Entry Route www.ucd.ie/maturestudents

Studying Economics	
as a Joint Major with one of the below:	
Archaeology	Sociology
Geography	Mathematics
Information & Communication Studies	Social Justice
Philosophy	Statistics
Politics	
Studying Economics	
OR with one Minor subject:	
History	German
Chinese	Irish
OR within a pathway:	
Computational Social Science	
Economics, Mathematics & Statistics	
Philosophy, Politics & Economics	

Why is this course for me?

Economics explores how and why people make decisions and choose between alternative ways of spending their money and using their time, energy and skills. That is why Economics can help to shed light on decision-making in areas from love and marriage, to sports and crime. If you are interested in people's behaviour and in current affairs, and if you enjoy problem-solving and are naturally analytical with good numeracy skills, then Economics will appeal to you.

What will I study?

What you will study depends on how you will be studying Economics at UCD. The Single-Major Economics (DN710) degree is a three-year concentrated 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 years. Single-Major students also select four optional social sciences modules from Sociology, Geography, Politics, Mathematics or Statistics, • plus an Elective module.

Second Year

Joint-Major students will be introduced to data analysis and statistical modelling, while 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 a substantial research project and choose from optional modules, including: International Money and Banking • International Trade • Financial Economics • Environmental Economics and Advanced Econometrics • Plus Elective modules. Joint-Major students complete their core training by taking modules in Econometrics and micro theory and can choose from a selection of specialised modules.

Fourth Year

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

Assessment

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

Career & Graduate Study Opportunities

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

International Study Opportunities

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

Other courses of interest

Economics & Finance →101
Law with Economics →89

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www.ucd.ie/**myucd/socsc**

Economics, Mathematics & Statistics

BSc (Hons) (NFQ Level 8)

"Mathematics and Statistics provide a framework in which economic analysis is regularly conducted and, as such, understanding the mathematical concepts and methods underpinning that analysis can be key to understanding its implications. On the other hand, the study of economic theory provides you with a wealth of relevant economic and social questions to which you may apply some of the more general or abstract techniques that the mathematics subject stream has taught you. I believe that the combination of Economics and Mathematics in my undergraduate degree provided me with an excellent foundation to continue to study Economics at graduate level and, indeed, it has well placed me to begin to pursue a career in economic research."

Philip Carthy Economics & Mathematics Student

CAO Code **DN700**

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest
Economics →67

Why is this degree for me?

If you are interested in Mathematics, Statistics and Economics, then this subject enables you to explore these areas in depth, while also emphasising how they complement each other. Economists employ mathematics to design theoretical models and use statistics to test these models and to explore 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 • Combinatorics and Number Theory • Societal Challenges in the Twenty First Century • Plus an Elective module.

Second Year

Intermediate Microeconomics • Intermediate Macroeconomics • Probability Theory • Linear Models • Inferential Statistics • Multivariate Calculus • Analysis • Linear Algebra 2 • Plus Elective modules.

Third & Fourth Year

Advanced Microeconomics • Advanced Macroeconomics • Econometrics • Time Series Analysis • Multivariate Analysis • Differential Equations • Research Project • Study Abroad Opportunity • Internship Opportunity • Plus Elective modules.

Assessment

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

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire in this degree are highly prized in a range of professions, 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

University of Texas at Austin, USA • University of California, USA • University of Perugia, Italy • University of Konstanz, Germany • Tilburg University, the Netherlands • University of Namur, Belgium • Sapienza University of Rome, Italy.

www.ucd.ie/**myucd/socsc**

Associate Professor Maria Meehan
UCD School of Mathematics and Statistics

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"Studying this combination of subjects was not only academically beneficial but very exciting. Although each discipline has its own unique characteristics, they perfectly complemented each other, which meant that studying one subject strongly promoted my development in the others also. As a result of the great variety of modules offered, I could always find the ones that matched my interests and I could gain and develop strong critical and analytical skills through courses that I truly enjoyed. During my time as a student of this programme, 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 Archaeology and Geography Graduate

This unique degree brings together the approaches and skills of Archaeology, Geography and History.

Landscapes & Society

BSc (Hons) (NFQ Level 8)

Why is this degree for me?

The BSc Landscapes & Society provides a unique interdisciplinary combination of natural and cultural perspectives on the formation, cultural significance and management of the landscape. Students will bring together the archival strengths of History, the spatial expertise of Geography, and the material analytical approaches of Archaeology to develop understandings of how the landscape shapes humans at the same time as humans shape the landscape. Students will learn in the classroom, field, laboratory and archives. 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 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 on Landscapes and Society. All first year social science students also study the core module, Societal Challenges in the Twenty First Century.

Second Year

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

Third Year

The focus in year three is on diverse and formative learning experiences. A specialist Landscapes & Society module for students on this programme (incorporating a field trip) further develops interdisciplinary perspectives.

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: secondary school teaching • the archaeological profession • the museum sector • Geographic Information Systems • surveying or cartography • archive or library work.

International Study Opportunities

Students may have an opportunity for international study in third year. Possible locations might include Austria • Cyprus • Denmark • France • Germany • Italy • Norway • Spain • Sweden • UK • North America • China and Australia.

CAO Code **DN700**

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Archaeology →75
Architecture →161

Niamh Moore-Cherry, School of Geography; **Paul Rouse**, School of History; **Graeme Warren**, School of Archaeology

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www.ucd.ie/**myucd/socsc**

Philosophy, Politics & Economics

BSc (Hons) (NFQ Level 8)

"In this fast changing, highly interconnected society, we need an education that equips us to read beyond the media headlines to make sense of what's happening. PPE provides you with the skills to get a fully-rounded picture of what the world is, could be, and should be."

Dr. Alexa Zellentin Lecturer in Political Theory

CAO Code **DN700**

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Law →83

Why is this degree for me?

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

What will I study?

The PPE provides a thorough grounding in all three disciplines that are core to the social sciences. The programme is quite structured at first, but allows more choice and more specialisation with each successive year. This programme provides both a well-rounded education in philosophy, politics and economics, and every opportunity for you to determine for yourself which subject or combination of subjects you would like to specialise in.

First Year

Students are introduced to: political science and political theory, to micro and macro-economics, and to ethics and critical thinking. 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 political philosophy.

Fourth Year

There is much more choice among specialised option modules in the final year. Students also have the option of continuing in the three-discipline version, or of concentrating on only two disciplines.

Assessment

Generally, assessment will be by take-home essay and by exam-based essay in Philosophy and Politics, and by project and mathematical assignment in Economics. But innovative online assessment will also be used throughout. There will be 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. For a list of famous PPE programmes and graduates (such as Bill Clinton, David Cameron and Aung San Suu Kyi), see the Wikipedia entry on 'Philosophy, Politics and Economics'. According to the BBC, the Oxford PPE "dominates public life in the UK".

International Study Opportunities

A number of semester-long study opportunities will be established with other PPE universities in Europe.

www.ucd.ie/**myucd/socsc**

Margaret Brady
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"I chose Psychology because I wanted a deeply interesting subject that would permit many possibilities for my future career. Being awarded the Ad Astra Scholarship has given me a great start in UCD because it has given me financial assistance and the support of a special mentor in the School of Psychology. The UCD programme has allowed me to continue to develop my language skills, which is important because I would like to do an Erasmus exchange. Since I began to study Psychology I have discovered the huge range of pathways, and directions that are available to me with this degree."

Robyn de Brun Student

UCD Psychology students acquire skills in software tools for research.

Psychology

BSc (Hons) (NFQ Level 8)

CAO Code **DN720**

CAO Points Range 2016 500–565

Length of Course 3 Years

Places 78

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this subject for me?

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

First Year

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

Second & Third Year

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

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

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

Career & Graduate Study Opportunities

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

Clinical psychology • Educational psychology • Organisational psychology • Forensic psychology • Counselling psychology • Health psychology.

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

International Study Opportunities

The School of Psychology has exchange agreements with:

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

Other courses of interest

Social Justice →80

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Social Policy & Sociology

BSocSc (Hons) (NFQ Level 8)

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

Atsuko Fujii Sociology & Social Policy Student

CAO Code **DN750**

CAO Points Range 2016 N/A

Length of Course 3 Years

Places 145

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Science →103

Why is this degree for me?

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

What will I study?

The course explores key social issues affecting societies in the European Union, the USA and East Asia: poverty, homelessness, addiction, mental illness, social stratification, criminal justice, globalisation, gender equality, sexualities and reproductive health, childhood and children's services, and tax and welfare systems. You will learn about how policy makers, in Ireland and across the world, have responded to these societal challenges. A strong emphasis is placed on studying qualitative and quantitative research methods. You will attend lectures and seminars and engage in project-based learning, instruction, and independent study with experienced academic staff and with input from policy-makers and industry.

For more information on Social Policy see page 74: and on Sociology see page 81.

First Year

You will undertake compulsory modules in social policy and sociology. Students are not expected to have any prior knowledge of these disciplines; the first year modules will provide you with a comprehensive introduction.

Second & Third Year

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

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

Society and Public Service
You will be introduced to statistics for social policy, social policy topics covering a wide range of social 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 wide range of human organisation orientated Master's programmes and 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 (TD), Ali Hewson (Humanitarian) and Sr Stanislaus Kennedy (Humanitarian & Founder, Focus Ireland).

International Study Opportunities

The School offers international study opportunities in universities both in Europe and further afield. Currently Erasmus exchange opportunities exist in Germany • Italy • The Netherlands • Sweden • Japan • Hong Kong.

www.ucd.ie/**myucd/socsc**

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DN750 - Studying BSocSc Social Policy and Sociology

Year 1 — Engage with the principles

Theories and Concepts for Social Policy

Inequality in Irish Society

Introduction to Psychology

Introduction to Sociology

Understanding Social Problems and Policies

Contemporary Irish Welfare State

History of Irish Social Policy

Foundations of Sociology

Sociological Analysis

Ireland in Perspective

Year 2 & 3 — Follow your pathway

Social Work and Social Professions

Modules may include:

- Crime, Deviance and Society
- Punishment and Social Control
- Social Work in Practice
- Childhood Inequality in a Global Context

Society and Public Service

Modules may include:

- Social Dynamics and Networks
- Sociology of Contemporary Life
- Gender, Social Policy and Inequality
- Statistics for Social Policy

Work, Organisations and People

Modules may include:

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

Year 2 Compulsory Modules

- Sociological Theory
- Quantitative Sociology
- Investigating Social Services
- The Economic Analysis of Social Problems
- Social Protection: Security, Work and Poverty

Year 3 Compulsory Modules

- Qualitative Research Methods
- Comparing European and East Asian Welfare States
- Policy Making, Implementation and Poverty
- Social Policy Capstone Module

BSocSc Social Policy and Sociology

Follow your specialisation with a Master's degree

3 + 2 Social Work Pathway

MSocSc Social Work*

Society and Public Service Pathway

- MA Public Policy
- MSc Equality Studies
- MA Gender and Women's Studies

Work, Organisation and People Pathway

- MSc Human Resource Management
- MSc Management
- Master's in Public Policy

SHAPE YOUR CAREER

Careers closely related to this degree

- Social Work
- Social Care
- Probation Service
- Non-Governmental Organisations

Public Sector Careers

- Politics
- Policy Formation
- Civil Service
- Non-Governmental Organisations

Private Sector Careers

- Human Resources
- Journalism
- New and Online Media
- Policy Consultancy

Continue to develop your professional career with UCD...

* Students on the pathway who meet the entry requirements are guaranteed a place on UCD's two-year Master's in Social Science (Social Work), which is a requirement to practice as a social worker.

Social Policy

BSocSc (Hons) (NFQ Level 8)

Dr Valerie O'Brien speaking to a student.

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

Gavin Mulhall BSocSc, MSocSc (Social Work), community based Social Worker

CAO Code **DN750**

CAO Points Range 2016 N/A

Length of Course 3 Years

Places 145

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Science →103

Why is this subject for me?

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

What will I study?

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

First Year

Social Policy Theories and Concepts; Understanding Social Problems and Policies; Contemporary Irish Welfare State; History of Irish Social Policy, plus Sociology modules, plus an elective module.

Second Year

Gender, Social Policy and Inequality; Economics of Social Policy; Investigating Social Services; Security, Work and Poverty; Housing Policies and Neighbourhoods; Immigration and Irish Society; Social Work in Practice, plus Sociology modules, plus elective modules.

Third Year

Policy Making and Implementation; Crime, Social Services and the Justice System; Social Policy and the Environment; Understanding Irish Modernisation, Sexual and Reproductive Health; Comparative Social Policy: Europe and Asia; Child Abuse, Sexual and Domestic Violence; Capstone Module, plus Sociology modules, plus elective modules.

Assessment

Assessment for modules involves a mixture of examinations and continuous assessment via assignment 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 Women, Gender and Society 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 and the UK.

www.ucd.ie/**myucd/socsc**

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

Denise Keating PhD 2014

Undergraduate students excavating at Glendalough, a major medieval monastic complex, set deep within a remote valley in the beautiful Wicklow Mountains.

Archaeology

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Archaeology	
as a Joint Major with one of the below:	
Economics	Sociology
Geography	Mathematics
Information & Communication Studies	Social Justice
Philosophy	Statistics
Politics	

OR	Studying Archaeology
	with one Minor subject:
Art History	Irish Folklore
Celtic Civilisation	Chinese
Greek & Roman Civilisation	Irish

OR	within a Pathway:
	Landscapes & Society

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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 Minor	
with one of the following:	
English	History

Other courses of interest

Landscapes & Society →69

Why is this subject for me?

If you study Archaeology, we can promise you that you will see the world, time and the human condition in an entirely new way. It is a discipline that explores the past by applying the methods of both the arts and the sciences. Through undertaking Archaeology as a degree, you will learn how to assess, explain and make connections between different types of evidence that will allow you to develop a deeper understanding about the past. Through exploring the past in this way, 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 may include: Exploring Archaeology • Introduction to the Archaeology Ireland • Introduction to Anthropology. All first year social sciences students also study a core module, Societal Challenges in the Twenty First Century • Plus another subject • Plus an Elective module.

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 may include: Archaeology of Things • Archaeology of Prehistoric & Historic Europe • Plus another subject • Plus Elective modules.

Third Year

You will have an opportunity to deepen your knowledge of Archaeological themes. During this year, you can also choose to undertake a placement in Ireland or abroad. Modules may include: Archaeology of Food • Experimental Archaeology • Hunter Gatherers • Early Medieval Europe • Heritage Management • Plus another subject • Plus Elective modules.

In third year, students can opt to take a single major in Archaeology.

Fourth Year

Fourth year is designed to give you more ownership of your Archaeological learning. Amongst other modules, you will have an opportunity to conduct your own research project.

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 sectors, 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 and 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 Semester Two of Third Year may include: Austria • Cyprus • Denmark • France • Germany • Italy • Norway • Spain • Sweden • UK • North America • China • Australia. Students studying Archaeology with Chinese will study abroad for their third year.

Rob Sands
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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 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Geography as a Joint Major with one of the below:	
Archaeology	Sociology
Economics	Mathematics
Information & Communication Studies	Social Justice
Philosophy	Statistics
Politics	

OR	Studying Geography with one Minor subject:	
	English	Linguistics
	Greek & Roman Civilisation	Chinese
	History	Irish

OR	within a Pathway:	
	Computational Social Science	Landscapes & Society

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

Entry Requirements

English • Irish • A third Language • Three other recognised subjects

Entry Routes same as above

Studying Geography as a Joint Major with one of the below:	
History	Irish

OR	Studying Geography as a Minor with one of the following:	
	Art History	Music
	English	

Other courses of interest

Social Policy and Sociology →72

Architecture →161

www.ucd.ie/**myucd/socsc**

UCD Geography students exploring the urban environment.

"Geography is an engaging subject due to its breadth, diversity and its relevance to the world around us. Classes are enjoyable, the staff are really helpful and Geography seems to attract a broad range of students from different backgrounds, meaning I befriended people from every walk of life imaginable."

Dylan Connor Geography graduate, 2011

Why is this subject for me?

Are you interested in pressing global, national and local issues such as climate change, and hazard management? Do you want to make sense of our 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: Societal Challenges in the twenty first century • Geographical Perspectives: Society and Environment • Earth Systems • People, Places and Regions • Introduction to the City • Plus another subject • Plus an Elective module.

Second Year

Topics include: Geographical Research Techniques • Fluvial Geomorphology • Quaternary Environmental Change • Political Geography • World Urbanisation • Globalisation: Regional and World Economy • Climatology • Plus another subject • Plus Elective modules.

Third Year

Topics include: Ideas in Geography • Geographic Information Systems • River Catchment Management • The Quaternary of Ireland • Planetary Geomorphology • Political Geography of EU Integration • US Foreign Policy • Development Geographies • Creative Destruction • Environmental Management • Plus another subject • Plus Elective modules.

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

Fourth Year

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

Assessment

Geography is taught through lectures, tutorials, labs and fieldwork and includes significant independent reading and study. Some modules have an online component.

Assessment is generally a combination of continuous assessment, tutorial or laboratory participation and end-of-semester exams.

Career & Graduate Study Opportunities

Our graduates have found employment as:

- Geography researchers and policy analysts with Teagasc, ESRI, NGOs and government departments.
- GIS specialists working, for example, with the Local Government Management Agency.
- Planners in both local government and private sector consultancies.
- Educators at primary and second level, as well as in high-profile national and international universities.
- Environmental researchers and consultants in the state and private sectors.

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

International Study Opportunities

International opportunities have included exchanges to:

Barcelona, Spain • Stockholm, Sweden • Pisa, Italy • Melbourne, Australia • Chicago, USA • Santa Barbara, California, USA.

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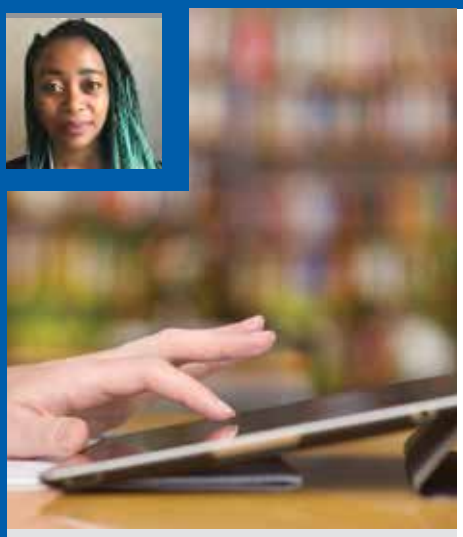
"Information and Communication Studies gave me a better understanding of how information influences all aspects of society, particularly in business. It also gave me practical tools to analyse data and create meaning from it. My current role, as a Media Associate in Ireland's largest marketing communications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

Melanie O'Donovan Joint Major Information & Communication Studies and Sociology 2016



Students evaluate the impact of new and emergent information technologies.

Information & Communication Studies

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

Why is this subject for me?

Information plays a key role in all aspects of life – in business, government, society and the life of the individual. Knowing how to create, manage, share, find and use digital information is more relevant than ever before. Information & Communication Studies gives you a chance to explore the ways companies such as Facebook, Twitter, Intel, Google and Apple utilise the interplay of people, information, technology and social structures 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: Introduction to Information & Communication Studies • Information and Social Media • Digital Judgement: Truth, Lies & the Internet • Information Design • Plus another subject • Plus an Elective module.

Second Year

Advanced Information Skills for Problem Solving • Social Computing & Media • Organisation and Retrieval of Information • Computer-Mediated Communication • Social Studies of ICTs • Information & Collaboration in Organisations • Plus another subject • Plus Elective modules.

Third Year

The Digital Self; Information Ethics • Digital Storytelling • Web Publishing • Managing Information Technology for Information Professionals • Information Architecture: Designing the Web • Plus another subject • Plus Elective modules.

Fourth Year

This year offers a range of specialist module options aimed at preparing you for a career or further study in your chosen subject area.

Assessment

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

Career & Graduate Study Opportunities

Information & Communication Studies is relevant for careers in web design and development • social media • social computing • user experience design • investigative research • publishing • librarianship • digital marketing and business.

Graduates can progress to the Master of Information Systems (MSc), which prepares students for careers in human-computer interaction, usability, user experience, user research and information systems-related professions, or the Master of Library & Information Studies (MLIS), which prepares students for careers including librarianship, information consulting and digital media management. They can also pursue research careers in the form of an MA and PhD.

Graduates can also progress to a Master's of Digital Curation, which prepares students for careers in digital curation and data management.

International Study Opportunities

Students may study abroad for a year or a semester. Destinations include the USA, Australia, China and Canada. Students studying Information and Communications Studies with Chinese will study abroad for their third year.

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

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

Other school leaving examinations

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

Level 5/6 QQI-FET

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

Mature Entry Route

See www.ucd.ie/maturestudents

Studying Information & Communication Studies as a Joint Major with one of the below:	
Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Philosophy	Statistics
Politics	

OR

Studying Information & Communication Studies with one Minor subject:	
Chinese	Irish
Music	

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

Entry Requirements

English • Irish • A third Language • Three other recognised subjects

Entry Routes same as above

Studying Information & Communication Studies as a Minor with one of the following:	
Linguistics	English

Other courses of interest

Science →103

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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 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Philosophy	
as a Joint Major with one of the below:	
Archaeology	Sociology
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Politics	
Studying Philosophy	
OR with one Minor subject:	
Chinese	Irish
Greek	Linguistics
OR within a pathway:	
Philosophy, Politics & Economics	

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

Entry Requirements

English • Irish • A third Language • Three other recognised subjects

Entry Routes same as above

Studying Philosophy	
as a Joint Major with one of the below:	
English	
Studying Philosophy as a Minor	
OR with one of the following:	
Art History	Music
History	

Other courses of interest

Law with Philosophy →92

Dr Ruth Boeker discusses the philosophy of personal identity.

"The choice to study Philosophy was one of the best I ever made. The philosophers shared with us their knowledge and passion for their particular fields of interest, from ethics and existentialism to the philosophy of mind and logic. If you have an inquisitive mind and a desire to think critically, then study Philosophy at UCD."

Kate Smith Global Training Lead at Google BA Philosophy, 2011

Why is this subject for me?

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

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

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

What will I study?

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

First Year

You will be introduced to a wide spectrum of philosophical approaches, from Renaissance thought through to existentialism and critical thinking. There is an elective 'Film through Philosophy'. All first year social sciences students also study the core module, Societal Challenges in the Twenty First Century, plus another subject, plus an Elective module.

Second Year

Modules include: Applied Ethics • Philosophy of Science • European Philosophy • Ancient Philosophy • Knowledge and Scepticism • Plus another subject • Plus Elective modules.

Third Year & Fourth Year

Students can choose from almost two dozen modules, including: Philosophy and literature • Political philosophy • Philosophy of mind • Metaphysics • Philosophy of religion • Logic • Phenomenology • Philosophy of law • Critical Theory • Philosophy of mental disorder • Hume & Kant • Nietzsche • Aristotle • Plus another subject • Plus Elective modules.

Students can opt to take a single major in Philosophy from third year.

Assessment

There is a variety of assessment: traditional exams, take-home essays, on-line assessments, as well as presentations and group work.

Career & Graduate Study Opportunities

Corporate head-hunters often target Philosophy graduates for their rigorous analysis of real-world problems and their clear, coherent communication of complex ideas and concepts, and a capacity for detailed research. Philosophy graduates are employed in the private, public and not-for-profit sectors in business and management, marketing and advertising, media and broadcasting, public relations, education and human resources.

Many Philosophy graduates continue with further study of their discipline or proceed directly to Master's degrees in social sciences, law, or business. Our graduates have studied at MA and PhD level in internationally renowned universities from Oxford to Paris-Sorbonne to Harvard. UCD philosophy graduates have established prominent careers in Ireland and internationally as barristers, public policy analysts, human rights activists, journalists and academics.

International Study Opportunities

Students may study abroad for a semester or a year. 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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"Despite my interest in politics going into college, the variety of available options from the School of Politics & International Relations meant that I left UCD with a far more expansive knowledge of politics than I could ever have expected. No matter what area of politics interested you, there seemed to be something for everyone. As my own interests turned towards conflict resolution, I was easily able to tailor my choices around what interested me most and what was most relevant, through options such as the Politics of Northern Ireland, and Middle Eastern Politics."

Eoghan Glynn is Communications Stagiaire at European Movement Ireland.

Politics

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Politics	
as a Joint Major with one of the below:	
Archaeology	Sociology
Economics	History
Geography	Mathematics
Information & Communication Studies	Social Justice
Philosophy	Statistics
OR Studying Politics	
with one Minor subject:	
Linguistics	Irish
Chinese	Italian
French	Spanish
German	
OR within a pathway:	
Philosophy, Politics & Economics	
Computational Social Science	

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

Entry Requirements

English • Irish • A third Language • Three other recognised subjects

Entry Routes same as above

Studying Political Studies
as a Joint Major with:
History

Why is this subject for me?

Do you want to understand how governments, parliaments, parties and elections work? Are you concerned about conflicts, human rights, global poverty, war and political violence? Do you want to learn how to formulate a coherent and persuasive argument? With a degree in Politics, 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, giving you a solid foundation for future study. In subsequent years, you will pursue the areas of politics and international relations that interest you most. Examples of modules include:

First Year

Foundations of Political Theory and International Relations • Foundations of Contemporary Politics • Irish Politics • Globalisation and Development • All first year social sciences students also study the core module, Societal Challenges in the Twenty First Century • Plus another subject • Plus an Elective module.

Second Year

Individuals and the State • Law, Politics & Human Rights • Comparative Politics • International Relations • Analysing Politics • European Union • Achieving the Sustainable Development Goals • Plus another subject • Plus Elective modules.

Third Year & Fourth Year

International Political Economy • Political Reform in Ireland • International Justice • Latin American Politics • Middle East Politics • Integration, Fragmentation & the Global System • Comparative Politics • Terrorism and Political Violence • Introduction to Asian Politics • Justice in Education • Gender in War and Peace • Plus another subject • Plus Elective modules.

Students may opt to take a single major in Politics from third year.

Assessment

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

Career & Graduate Study Opportunities

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

The Irish civil service • The European Commission • International agencies such as the UN, IMF and World Bank • NGOs • Print and broadcast media • The diplomatic service • Business • Administration and research.

MA and MSc degrees in UCD open to graduates include:

Politics • Political Theory • International Relations • Development Studies • Nationalism & Ethnic Conflict • Human Rights • European Public Affairs & Law • Development Practice.

International Study Opportunities

Erasmus opportunities include:

Institut d'etudes politiques, Paris, France • University of Bergen, Norway • Université Libre de Bruxelles/Université de Liège, Belgium • University of Lund/University of Stockholm, Sweden • Universität zu Köln, Germany

International study in the US, Asia and Australia is also available in third year. Students studying Politics with Chinese, French, German, Italian or Spanish will study abroad for their third year.

Other courses of interest

Law with Politics →93

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"The multidisciplinary nature of Social Justice - including topics such as feminist theory and critical theories of international economics - has refined my analytical skills. To those who seek not only to understand how the world is, but also why it is that way, I recommend studying Social Justice in UCD."

Adam Boyle Law with Social Justice (International) Stage 4

Social Justice

BSc (Hons) (NFQ Level 8)

CAO Code **DN700**

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Social Justice	
as a Joint Major with one of the below:	
Archaeology	Philosophy
Economics	Politics
Geography	Sociology
Information & Communication Studies	

Other courses of interest

Law with Social Justice →94
Social Policy & Sociology →72

Why is this subject for me?

The subject of Social Justice draws on a range of academic disciplines in order to advance understanding of issues such as inequality, 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; egalitarian social movements; racism; and the problems and possibilities of economic development. 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 engage with four key themes: inequality in Irish society • gender • global justice • human rights. All first year social sciences students also study the core module, Societal Challenges in the Twenty First Century, plus another subject, plus an Elective module.

Second Year

In second year, the modules will develop your knowledge of social justice movements, gender inequality, and childhood inequality, as well as your understanding of what it means to look at the social world through a social justice lens, plus another subject, plus Elective modules.

Third Year

In third year, modules will advance their knowledge of economic inequality and gender inequality and will also have the opportunity to learn about public policy design.

Fourth Year

Fourth year provides the opportunity for students to enhance their research skills by engaging in a group-based research project. In addition, students will build on their knowledge of theories of social justice, while modules will also develop knowledge of key societal issues.

Assessment

A variety of continuous assessment methods are used throughout the social justice programme, including essays, reports, oral presentations, reflective writing, problem-based learning exercises, projects, and critical commentaries on designated readings.

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 progammes include: Equality Studies • Gender Studies • Public Policy • Human Rights • International Development.

International Study Opportunities

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

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"I chose to study at UCD because of its reputation, its location, its facilities and the quality and variety of the modules available. The Sociology component of my degree has allowed me to develop practical research skills and a critical, analytical and informed world-view. I have studied gender, crime, migration, housing inequalities, work, culture, masculinities, social stratification and classical and contemporary theory. Though there were compulsory modules, there was plenty of freedom to study areas of particular interest to me. I have loved every minute of my time at UCD."

Jake Ryan Student

Sociology

BSc (Hons) (NFQ Level 8) - DN700

BA (Hons) (NFQ Level 8) - DN520

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of Course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Studying Sociology	
as a Joint Major with one of the below:	
Archaeology	Politics
Economics	Mathematics
Geography	Social Justice
Information & Communication Studies	Statistics
Philosophy	

Studying Sociology	
OR **with one Minor subject:**	
Art History	German
English	Irish
Linguistics	Italian
Chinese	
OR **within a pathway:**	
Computational Social Science	

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of course 3 Years

DN520 Places 350

Entry Requirements

English • Irish • A third Language • Three other recognised subjects

Entry Routes same as above

Studying Sociology as a Minor	
with one of the following:	
English	History

Why is this subject for me?

If you are interested in people, you will be interested in sociology. It is relevant for understanding almost every aspect of our lives. We are all part of society, we are connected with each other and we are affected by the people around us. In the same way, we shape the social context for others as well. Sociology provides you with the mindset and the research tools to observe the social world, make connections, understand differences, norms, cultures or inequalities.

What will I study?

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

First Year

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

Second Year

The second year involves training in Quantitative Research Methods and courses in areas such as Gender • Social Anthropology • Crime • Animals and Human Society and more, plus another subject, plus Elective modules.

Third Year

The third year includes training in Qualitative Research Methods and substantive courses in areas such as Migration, Health, Data Analytics and more. There are also possibilities for internships and study abroad.

Fourth Year

During the fourth year, we offer the possibility for an independent research project and a range of further specialised modules, such as War and Violence, Social Networks or Nations, plus Elective modules.

Assessment

Students attend lectures and participate in seminar discussions. They also undertake independent studies, including reading and writing about sociological issues. Assessment is a combination of continuous assessment and end-of-semester written exams.

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 • 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 MSocSc in Sociology, as well as specialised programmes in Health, Well-being and Society • Crime, Violence and Conflict • Cultural Sociology • Race, Migration and Decolonial Studies • Comparative Social Change • Social Data Analytics.

International Study Opportunities

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

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

Other courses of interest

Social Policy & Sociology →72

Science →103

Computational Social Science →66

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

UCD Sutherland School of Law provides a solid foundation for a career either in legal practice or in one of many other rewarding fields in Ireland or abroad. It offers you the choice of studying law alone or in combination with other subjects. Our graduates have progressed to hold some of the highest legal and political offices in the State, including Chief Justice, Attorney General, Director of Public Prosecutions, Taoiseach and Tánaiste.

Law

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Law with Economics	89
Law with History	90
Law with Irish	91
Law with Philosophy	92
Law with Politics	93
Law with Social Justice	94
Business & Law	95

Why UCD Law?

— UCD Sutherland School of Law is ranked No.1 law school in Ireland*.

— UCD Sutherland School of Law offers world-class learning and teaching facilities in a state-of-the-art building. Features include the purpose-built Clinical Legal Education Centre (CLEC), which offers specialist clinical law modules.

— We offer the widest range of law degrees in Ireland. You can choose to focus primarily on Law (BCL) or to combine your study of Law with one of the following: Business, History, Irish, Philosophy, Politics, Economics, Social Justice, French Law or Chinese. 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 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 Berkeley, Cambridge, College of Europe, European University Institute, the LSE and Harvard.

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 and UK firms which are held in the School of Law.

— Specialist careers support is provided by the School's Career Adviser to help you identify and achieve your career ambitions.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

*QS World Rankings 2017

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 progamme specific modules as appropriate, for example in:

- Law
- Chinese
- Economics
- French Law
- Irish
- History
- Philosophy
- Politics
- Social Justice

Years 3 & 4 — Further Specialisation and International Study

Bachelor Degree in Law (Honours)

Specialise through UCD graduate study

Professional Diplomas in

- Employment Law
- International Financial Services Law
- Professional Regulation

Master of Laws (LLM) in

- International Commercial Law
- Criminology & Criminal Justice
- European Law & Public Affairs
- International Human Rights
- Intellectual Property and Information Technology
- General

Masters of Science

- International Law and Business

Doctor of Philosophy (PhD)

- Law
- European Law & Governance

Shape your career with UCD Law in Ireland or abroad

LAW

- Solicitor (Ireland, UK, etc)
- Barrister (Ireland, UK, etc)
- Avocat (France)
- Academia

BUSINESS

- Corporate Banking
- Management
- Business Analyst
- Financial Services

MEDIA & POLITICS

- Broadcasting
- Press
- Political Advisory Roles Diplomacy and Foreign Affairs

PUBLIC POLICY

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

Continue to develop your professional career with UCD...

*Not offered in DN600 LCS

**Offered as optional module to DN610 in Year 3

"Looking back on the past four years of my life in UCD, I am filled with many fond memories. Sutherland School of Law is a place where I have developed as a person, met friends that will last a lifetime and most importantly, studied a variety of legal modules varying from International Human Rights Law to Sports Law. UCD law students are offered the chance to study internationally. I spent my third year studying in Utrecht Universiteit in the Netherlands, which was one of the highlights of my undergraduate degree. The exceptional sporting facilities, clubs and societies in UCD also provide ample opportunity to meet fellow students, fulfilling university life."

Anne Lavelle Student

Law

BCL (Hons) (NFQ Level 8)

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

The UCD Bachelor of Civil Law (BCL) degree enjoys a proud history and an established reputation at home and abroad. The BCL degree allows you to immerse yourself in the study of law, to engage with a range of interesting legal perspectives and to acquire a profound understanding of how law works in theory and in practice.

What will I study?

First & Second Year

In first year, you'll explore some foundational areas of law, including:
General Introduction to Legal Skills • Contract Law • Tort Law • Constitutional Law.

You'll study modules in civil and criminal procedure.

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

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.

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 is through a combination of end-of-semester examinations, essays and group work 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 work in:

- Law firms in Ireland or internationally
- Large corporations as in-house lawyers
- 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 PhD in their area of interest.

International Study Opportunities

Third year BCL students are offered the widest range of study abroad opportunities at our partner universities in:
Singapore • Milan • Toulouse • Utrecht • Connecticut • Vienna • Miami • Uppsala • Minnesota • Stockholm • California • Exeter • Berlin • Prague • Antwerp • Canberra • Barcelona.

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

Other courses of interest

Business & Law →95
Law with Social Justice →94
Law with French Law →86
Law with History →90

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Law with French Law

BCL (Hons) (NFQ Level 8)

"Law with French Law offers the best of both worlds, as not only do you get an in-depth knowledge of Irish law, you also get the opportunity to study another prominent legal system. The small class size meant that I made friends instantly and the teaching staff got to know us from early on. The highlight of my degree was spending my Erasmus year in Toulouse. Although the prospect of living and studying in France is a daunting one, the French law modules you take in first and second year will have you well prepared, going over. You'll come home speaking and writing French to a very high level and with a confidence you never thought possible."

Elaine Egan Student

CAO Code **DN600**

CAO Points Range 2016 **525—615**

Length of Course **4 Years**

DN600 Places **120**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
Students will need a minimum grade H3 in Leaving Certificate French (or equivalent) to take the BCL (Law with French Law) course.

Why is this course for me?

This degree is one of two French Law Programmes offered by Sutherland School of Law, the other being the BCL/Maîtrise on the opposite page. All students interested in the French Law Programmes enter the BCL (Law with French Law) in first year. Both degrees offer the exciting opportunity for immersion in two of the world's major legal systems, the common law and the civil law.

The BCL (Law with French Law) degree provides you with a qualification in Irish law, while acquiring a broad knowledge of French law and a very high level of competence in French language and French legal terminology. Students gain valuable comparative insights, which inform an enhanced critical perspective on Irish law.

One year (third) is spent at a leading law school in France.

What will I study?

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

First Year

First year focuses on the core Irish 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 Irish law modules • EU Law • Property Law • Criminal Law. You will also advance your French language training and continue to study French Private Law and French Public Law.

Third & Fourth Year

You will spend your third year at a partner university in Paris, Toulouse, Strasbourg or Aix-Marseille. You will return to UCD for the final year of your BCL degree (where some modules are taught through French) 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 lecturers. Here you will have a chance to sample short lectures, listen to careers talks and hear about student experiences, including international exchanges.

Other courses of interest

Law →85

BCL/Maîtrise →87

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

Adam Boutafenouchete Student

BCL/Maîtrise

Law Dual Degree – BCL/Maîtrise (NFQ Level 8)

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

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

***Note:** In first year you study the BCL (Law with French Law); towards the end of first year, students achieving the highest grades have the option to apply for interview to enter the BCL/ Maîtrise or to continue with the BCL (Law with French Law).

Why is this course for me?

This degree is one of two French Law Programmes offered by Sutherland School of Law, the other being the BCL (Law with French Law) on the opposite page. All students interested in the French Law Programmes enter the BCL (Law with French Law) in first year. Both degrees offer the exciting opportunity for immersion in two of the world's major legal systems, the common law and the civil law.

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

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

What will I study?

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

First Year

In first year, you study the BCL (Law with French Law) (see opposite page). Students achieving the highest grades at the end of first year then have the option to apply for interview to enter the BCL/Maîtrise, or to continue with the BCL (Law with French Law).

Second Year

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

Third & Fourth Year

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

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

Career & Graduate Study Opportunities

Graduates of the BCL/Maîtrise obtain a dual qualification which allows them to progress to professional legal training in Ireland or France. Graduates are particularly well placed to pursue careers with international law firms, EU and international organisations, diplomacy and government departments, or Non-Governmental Organisations.

KEY FACT

The BCL/Maîtrise degree appeals to students who wish to pursue a career as a barrister, solicitor or French avocat, as well as to those who aspire to practise in the domains of International and European Law, or in governmental or international institutions.

Other courses of interest

Law →85

Law with French Law →86

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Law with Chinese

BCL (Hons) (NFQ Level 8)

Chloe Shorthall pictured at the Great Wall of China.

"Studying Law with Chinese offers me the opportunity to learn about the fascinating Chinese culture and language along with my Law degree. Studying Chinese is hugely beneficial as it is the most widely spoken language in the world. I like that the Chinese Studies classes are small, meaning you get more of a chance to interact with the lecturer. Sutherland School of Law is a fantastic place to study Law, as the lecturers are excellent and the lecture content is fascinating. UCD has so much to offer by way of extracurricular activities, both related to law (such as the Student Legal Service) and non-related to law (for example, Musical Society)."

Chloe Shortall Student

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

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, of course, welcome, and will be offered Mandarin at a more advanced level than beginners.

Why is this course for me?

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

What will I study?

First & Second Year

First year focuses on the core Irish law modules of: Constitutional Law • Contract Law • Tort • Legal Skills • General Inrtroduction 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 continue your Chinese language training. 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 Chinese.

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 is through a combination of end-of-semester examinations, essays and group work 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: LLM (International Human Rights), 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 China.

Other courses of interest

Law	→85
Law with History	→90
Law with Politics	→93
Law with Philosophy	→92

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"When applying to the CAO, I wanted to pursue law, whilst undertaking a quantitative subject, having enjoyed mathematics at school. Law with Economics offered a perfect combination, offering a rigorous legal education, with a strong understanding of a crucial social science. I didn't yet appreciate the extent to which the two subjects complement each other, with an explicit overlap in competition and intellectual property law.

While at UCD, I have also been hugely involved in university debating. I spent a year running the L&H, UCD's largest student society, whilst also travelling to many European countries, along with the United States and India, to debate.

Eoin MacLachlan Student

Eoin MacLachlan receiving an award from The Hon. Mr Justice Seán Ryan, President of the Court of Appeal.

Law with Economics

BCL (Hons) (NFQ Level 8)

CAO Code **DN600**

CAO Points Range 2016 **525—615**

Length of Course **4 Years**

DN600 Places **120**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

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

Why is this course for me?

This course allows you to obtain a highly respected degree in Irish 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 Irish 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 is through a combination of end-of-semester examinations, essays and group work 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 in Ireland and abroad. 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 take the opportunity of spending time abroad in their third year, at partner universities in:

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

Other courses of interest

Law →85
Business & Law →95
Law with Social Justice →94

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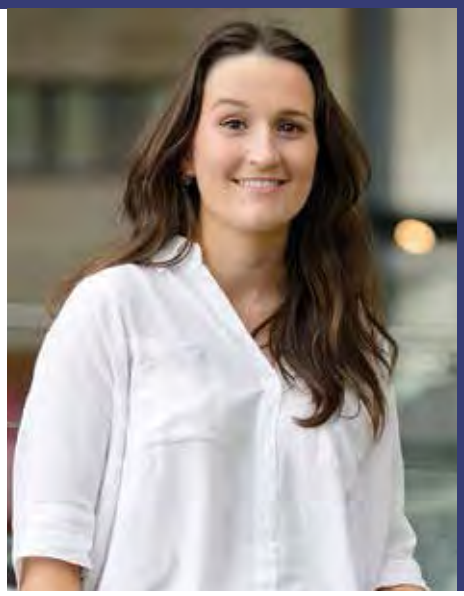
Law with History

BCL (Hons) (NFQ Level 8)



"Choosing Law with History is one of the most rewarding decisions I have made. UCD's unique opportunity to study both areas truly stands out, and students can take courses in complementary modules, such as Human Rights Law and the History of Stalin's Russia, just to name a few. The course also offers the opportunity to study abroad in third year and my semester spent in Utrecht, the Netherlands, stands as a highlight of my degree as it opened the door to a whole new culture and the chance to meet fellow law students from around the world."

Sadhbh Browne Student

CAO Code **DN600**

CAO Points Range 2016 **525—615**

Length of Course **4 Years**

DN600 Places **120**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

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 Irish 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 Irish 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 is through a combination of end-of-semester examinations, essays and group work 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

You can apply to study abroad during third year at one of our partner universities in:

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

KEY FACT

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

Other courses of interest

Law	→85
Law with Social Justice	→94
Law with Politics	→93
Law with Philosophy	→92

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"Soláthraíonn an cúrsa seo nasc idir Dlí agus Gaeilge le cur chuige nuálaíoch, ilmheán idir theagasc ranga agus mhodúil ar líne. Dírítear ar chruinneas teanga agus ar chúrsaí litríochta ar dtús. Forbraíonn an cúrsa ansin le hoiliúint in ardscileanna teanga i gcomhthéacs dlíthiúil. Ag deireadh na céime beidh mic léinn eolach ar agus ábalta téacsanna dlíthiúla i gcomhthéacs náisiúnta /idirnáisiúnta a aistriú le fócas ar dhlítheangeolaithe / aistritheoirí in institiúidí na hEorpa fosta. Más spéis leat cruinneas teanga i gcomhthéacs dlíthiúil mar aon le cultúr agus litríocht na Gaeilge, soláthróidh an cúrsa rogha fhairsing de dheiseanna fostaíochta do mhic léinn Dlí agus Gaeilge."

Dr. Regina Uí Chollatáin Ceann na Scoile, UCD Scoil na Gaeilge, an Léinn Cheiltigh agus an Bhéaloidis.

Associate Professor Regina Uí Chollatáin, Head of School, UCD School of Irish, Celtic Studies and Folklore.

Law with Irish

BCL (Hons) (NFQ Level 8)

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

The BCL (Law with Irish) is a new programme starting in 2017/18. It allows undergraduate law students to access a cohesive set of Irish language modules which are relevant to the study and practice of law. This programme offers you the opportunity to acquire a highly respected BCL degree, whilst additionally deepening your competence in the Irish language in the context of law. Your Irish language communication skills will be developed by the resources provided by a modern 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 years, 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, Léamh agus Scríobh na Gaeilge.

Third & Fourth Year

In third and fourth year, 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: Teanga na Gaeilge 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

This programme has set ambitious standards in the Irish language and it may be possible to spend a semester abroad in your third year. Selection will be subject to consultation with the BCL (Law and Language) Programme Coordinator and the Head of School of Irish, Celtic Studies and Folklore.

KEY FACT

Many leading Irish and UK Law firms (including Arthur Cox, Matheson, A&L Goodbody, William Fry, and Freshfields Bruckhaus Deringer LLP) host recruitment presentations on campus in UCD. Practical experience gained in clinical law modules may give you a competitive edge when applying for internships or traineeships.

Other courses of interest

Law with Social Justice →94
Law with History →90
Law with Economics →89
Law with Philosophy →92

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Law with Philosophy

BCL (Hons) (NFQ Level 8)

"Law and Philosophy are highly complementary subjects. Both teach you to think critically and analytically, through reading the arguments and ideas of an author or judge and then responding with your own arguments. In addition to fostering a similar skill set, there are interesting overlaps in subject matter. You'll study both the legal side and the philosophical side of property rights, political freedoms, and criminal sanctions. In final year, you'll also study legal jurisprudence and the philosophy of law. I found it much more interesting and varied to study two subjects, and I would encourage prospective law students to choose one of the 'Law with' courses."

Geoff Allen Student

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

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 Irish 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 is through a combination of end-of-semester examinations, essays and group work 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

You can apply to study abroad during third year at one of our partner universities in:

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

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

Other courses of interest

Law	→85
Law with Social Justice	→94
Law with History	→90
Law with Politics	→93

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"I was always interested in politics and current affairs, and I liked the idea of studying law. For me, Law with Politics in UCD was the perfect fit as the subjects overlap and intersect so much. For example, when I studied constitutional law, I also took a module on the Irish political system which really helped to contextualise my understanding of the constitution. This is also the case with areas such as human rights and EU law and politics.

As part of my degree, I got the chance to study abroad in the US and beyond the purely academic, I spent six weeks of my summer after second year volunteering with UCDVO in Haiti."

Jamie McLoughlin Student

Jamie McLoughlin receiving a Bank of Ireland Medal from the Hon. Ms Justice Aileen Donnelly.

Law with Politics

BCL (Hons) (NFQ Level 8)

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Law and politics are inextricably linked by the legislative process. This course allows you to obtain a highly respected law degree, whilst also acquiring a deeper understanding of political theory and the political process. Many UCD law graduates have progressed to political careers. Others have become high-profile political commentators.

What will I study?

First & Second Year

First year focuses on core Irish 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 is through a combination of end-of-semester examinations, essays and group work 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:

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

Other courses of interest

Law with Social Justice →94
Law with History →90
Law with Economics →89
Law with Philosophy →92

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Law with Social Justice

BCL (Hons) (NFQ Level 8)

"Combining the two disciplines of Law and Social Justice has allowed me to understand the impact that our legal system, and the legal systems around the globe, have on the most critical social quagmires of our time. This has allowed me engage with issues such as feminism, global inequality, racism and environmental sustainability, while simultaneously studying for a Bachelor of Law degree.

I'm also proud to be an Ad Astra Performing Arts Scholar, which means that I was able to combine my love of theatre with studying for the BCL. Additionally, the club and society facilities in UCD are beyond compare, helping to create an incredibly fun and exciting atmosphere on campus.

Ause Abdelhaq Student

CAO Code **DN600**

CAO Points Range 2016 525—615

Length of Course 4 Years

DN600 Places 120

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Law	→85
Law with History	→90
Law with Politics	→93
Law with Philosophy	→92

www.ucd.ie/**myucd/law**

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 the study of social exclusion, its causes and remedies. It will appeal to students who are interested in issues of equality, diversity and disadvantage, and who want to look in-depth at the social context in which law operates. On completion, you'll be uniquely equipped to offer a critical perspective on issues such as the adequacy of our criminal justice system, the legal treatment of women and minority groups, and the underlying causes of social and economic injustice.

What will I study?

First & Second Year

First year focuses on core Irish law modules, including:

Constitutional Law • Contract Law • Tort Law.

It combines this focus with an introduction to normative theory on human rights, inequality and global justice.

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 gender theory and social justice movements.

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 • Childhood Inequalities.

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'll participate in a specially designed Law and Social Justice Seminar. You may get involved in UCD's Student Legal Service, which offers legal information clinics to students.

You'll attend lectures and tutorials, in addition to engaging in study and preparatory work. A sample timetable can be viewed at **www.ucd.ie/myucd/law**.

Assessment is through a combination of end-of-semester examinations, essays and group work projects.

Career & Graduate Study Opportunities

This degree will provide an ideal platform for careers in:

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

Relevant graduate study programmes include:

International Human Rights • Criminology • Equality Studies.

International Study Opportunities

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

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

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"I chose to study Business and Law at UCD as it allows students experience different aspects of both business and law through various engaging modules, designed in a unique way to match one's own personal interests.

While completing my degree, I was also a member of the Leinster rugby academy. UCD were extremely supportive of this. Both module coordinators and lecturers were very understanding and accommodating in situations where my demanding training schedule conflicted with lecture times. The BBL programme provided me with the opportunity to pursue a career in professional rugby, while also pursuing a very worthwhile degree.

Rory O'Loughlin Student

Rory O'Loughlin scores a try for Leinster in the Aviva Stadium (Image courtesy of Sportsfile).

Business & Law

BBL (Hons) (NFQ Level 8)

CAO Code **DN610**

CAO Points Range 2016 **520—615**

Length of Course **4 Years**

DN600 Places **120**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- **O3/H6 in Mathematics**
- **O6/H7 in English, Irish, a third language, and two other recognised subjects**

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

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 is through a combination of end-of-semester examinations, essays and group work projects.

Career & Graduate Study Opportunities

BBL students can select the modules necessary for legal professional recognition, which will allow them to go on to qualify as a solicitor or barrister, and work in legal practices in Ireland or abroad. Graduates can also pursue careers in:

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

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

International Study Opportunities

BBL students can apply to spend a semester of third year on exchange in overseas universities including:

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

KEY FACT

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

Other courses of interest

Law →85
Law with Economics →89
Commerce →98

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Deloitte Analytics Laboratory,
UCD Lochlann Quinn School of Business

As in the business world, the UCD Lochlann Quinn School of Business is constantly adapting and evolving so that our graduates are best placed to become tomorrow's leaders. A perfect blend of practical and research based learning has equipped our graduates with the skills and knowledge needed in the modern business world.

We are the leading Irish business school, with the most prestigious international accreditations, unmatched by any other third level institution.

We are leaders in business education, for future business leaders.

Business

Commerce	98
Commerce International	100
Economics & Finance	101
Diploma/Bachelor of Business Studies	102
Business & Law	95
Actuarial & Financial Studies	135

Why UCD Business?

Accreditation: Ireland's most globally recognised business school. We are the only Irish business school accredited by both AACSB (the principal American accreditation) and EQUIS (the leading European accreditation). We are also a member of CEMS (an international alliance of leading business schools). This means that our degrees are internationally recognised and come with a mark of quality, which can give you advantages when looking for employment opportunities.

International Opportunities: 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.

Internship Programme: Within the Commerce and Economics and Finance Programme, you can apply for a professional internship. This offers a first-class business experience with top international or Irish companies. Our students have completed internships in companies such as Google, Paddy Power, LinkedIn, Skype, Kerry Group and Bank of Ireland.

Careers: Our curriculum is based upon research guided business education. You will learn the perfect balance of academic competency and practical business skills. Our links with top-tier business employers and our graduate employment or further study rate (98%) is a testament to the graduate outputs of our students.

Your First Year Experience

Our degrees have been developed in consultation with industry leaders and they reflect the changing business world. During your first year, you will learn about the foundations of business, and will be challenged to think critically about its role in society.

You will develop not only your understanding of business theory and practices, but also the skills needed for a successful career. Employers seek graduates whose attributes include communication, management, leadership and team-work skills, and graduates who are problem solvers, independent thinkers and ethically minded. Our courses use business simulations, case studies, presentations, web and blog development, and video projects to develop graduates with these attributes.

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

You will be taught by Ireland's leading business academics, and supported and guided through your studies by Peer Mentors, Student Advisers and a dedicated Business Programme team.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Bachelor of Commerce

BComm (Hons) (NFQ Level 8)

"Over the past 2 years building my own company, I've really come to appreciate all the practical experience I was exposed to at the UCD Lochlann Quinn School of Business. With the presentation skills I learnt during my time in University, I've had the confidence to go out and pitch to investors and successfully secure funding.

The co-working environment of the Quinn School makes it easy to work in teams and it simulates exactly what the real world of business is all about!"

Richard Whelan BComm. CEO and Co- Founder, POPDEEM

CAO Code **DN650**

CAO Points Range 2016 **500—605**

Length of Course **4 Years**

DN650 Places **210**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O6/H7 in English, Irish, a third language, and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Commerce International	→100
Economics & Finance	→101
Business & Law	→95

www.ucd.ie/**myucd/bus**

Why is this course for me?

The BComm is a globally recognised business degree, designed for ambitious and achievement orientated students who want to make a significant impact in the business world. Combining strong theoretical understanding with the practical skills needed for graduate employment, students are assured of a ***challenging*** and ***relevant*** programme for the modern business world.

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

You'll learn about the recent themes and trends transforming the business landscape, such as globalisation, technological change, and environmental sustainability.

What will I study?

In your first and second year, you will study a wide range of business disciplines. This will give you a solid understanding of the foundations of business. You will explore subjects through numerous different assessments and project methods, including: case studies, presentations, business simulations.

In your final year, you will be presented with the option of pursuing from business concentrations. There are 13 different business subject options which will help students to explore a business area in more depth. With a wide range of electives, the BComm gives you the flexibility to develop your own personal niche of expertise with a degree with a strong industry standing.

First Year

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

Second Year

Financial & Managerial Accounting • Marketing • Human Resources & Industrial Relations • Management • Finance • Business Analytics.

Final Year

Alongside core business subjects, you can pursue business concentrations from:

Accounting • Business Analytics • Business Economics & Strategy • Corporate Finance • Digital Innovation • Economics & Public Policy • Financial Economics • International Business • International Finance & Economics • Management & Organisational Behaviour • Managing People in Global Organisations • Managing Services Operations • Marketing.

Career & Graduate Study Opportunities

BComm graduates find employment in private, public and non-profit sectors or set up their own business. 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)

International Study Opportunities

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

Internship programme

Our one-year Internship Programme places students (who have come through the internship application process successfully) with leading national or international companies. The students then can put classroom theory into real-life practice.

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Studying the UCD BComm

PERSONAL DEVELOPMENT	BUSINESS IN SOCIETY	INNOVATION & ENTERPRISE

Years 1 & 2 — Engage with the principles of Business

Accountancy	Mathematics	Marketing	Management
Finance	HR	Economics	International Study Opportunity

1 Year Optional Internship Opportunity

Year 3 or 4 — Refine your knowledge

Accounting	Business Analytics	Business Economics & Strategy	Corporate Finance	Digital Innovation	Economics & Public Policy	Financial Economics
International Business	International Finance & Economics	Management & Organisational Behaviour	Managing People in Global Organisations		Managing Services Operations	Marketing

Bachelor of Commerce (Honours)

UCD graduate studies in Business

Continue your study with a Master's at UCD Michael Smurfit Graduate Business School in areas such as Accounting, Human Resource Management, Management Consulting, Marketing and more.

Careers in Business

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

Public Sector
- International Development/ Not-For-Profit
- Non-Governmental Organisations (NGOs)
- EU Institutions
- Public Service/ Teaching

Financial Services/ Financial Institutions
- Investment Banking/ Corporate Finance/Trading
- Accountancy
- Investment Management
- Taxation/Tax Consultant
- Insurance

Marketing
- Marketing/Brand Management
- PR/Advertising/Event Management
- Business Development/Sales
- Media/Publishing/Communications

Human Resources
- Change Management
- Training & Development

Continue to develop your business career with UCD: MBA, Executive Education, PhD

Bachelor of Commerce International

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

"BComm International has been a wonderful course, offering me both the academic excellence of the Quinn School and the diversity of studying a language. I have also had the opportunity to partake in various activities, such as representing the Quinn School in a case study competition in Washington DC. My Erasmus year in Madrid was an amazing experience. I improved my language skills immensely and also developed as a person, learning how to cope in a different cultural environment. I think the combination of business, language and the academic year abroad that this course offers, is something employers really value in an era of globalisation."

Victoria O'Gorman BCIT. Corporate Finance at Deloitte

CAO Code **DN660**

CAO Points Range 2016 **510—615**

Length of Course **4 Years**

DN660 Places **95**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- **O3/H6 in Mathematics**
- **O6/H7 in English, Irish, a third language, and two other recognised subjects**

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations for French Language Combination

Students will need a minimum of grade H4 in LC French (or equivalent) to take any French language combinations.

Other courses of interest

Economics & Finance	→101
Actuarial & Financial Studies	→135
Bachelor of Commerce	→98

Why is this course for me?

The BComm International (BCIT) combines a flexible business education from Ireland's leading business school with the linguistic skills and a cultural understanding to succeed in the exciting world of international business.

Students of the BCIT course are well-grounded in the theory and practice of business management and equipped to understand and comment critically on business issues. This, coupled with the study of a chosen language and culture, gives graduates a unique competitive advantage in understanding the global business world.

You'll spend your third year abroad in one of our partner institutions. As Ireland's number one business school, our international reputation means our partner universities are highly regarded destinations for your study.

What will I study?

In your first semester, you'll study two languages, choosing from Chinese, French, German, Italian or Spanish. With the exception of French (H4 requirement), you have the option to study these languages from beginner level.

Towards the end of this semester, you'll select one language to pursue to degree level (as a minor). (Please see table on page 207). During the first two years, you'll also receive a firm foundation in core business disciplines and language modules. Examples include:

First Year

Accounting • Economics • Maths & Statistics • Organisational Behaviour • Business in Society • Language & Culture/Literature modules.

Second Year

Managerial Accounting • Marketing • Human Resources & Industrial Relations • Management Theory • Finance • Information & Communications Technology • Language & Culture/Literature modules.

Third and Fourth Years

When studying abroad in third year, you'll have two options:

The Modern Languages Route: You'll attend one of our partner international universities or business schools, where you'll continue your studies in the host language (except for Chinese, where you'll study the Chinese language, along with business modules through English). In fourth year, you continue studying business and your chosen language subjects at UCD.

The Global Business Route: You'll study through English at one of our international partner universities or business schools before returning to UCD in fourth year, where you'll focus on studying business and intercultural skills, with no language.

In final year, you can specialise in a particular business discipline (such as Accountancy, Management, Marketing, Banking and Finance, MIS or HRM) or study a mix of business subjects.

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

Career & Graduate Study Opportunities

BComm International graduates find employment in the private, public and not-for-profit or NGO sectors, or set up their own companies. Many different career paths are available, and students who can combine an international language with a business qualification are highly employable graduates for multinational companies.

www.ucd.ie/**myucd/bus**

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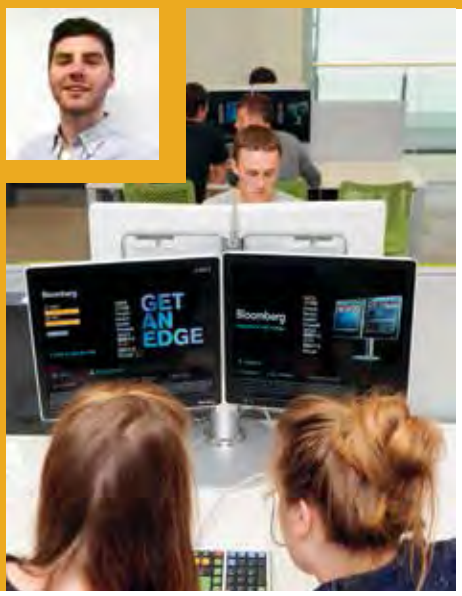
"The programme was hugely beneficial in bridging the gap between academic under- standing and the work I'll be doing in the future. Overall, it has pushed me to become more experienced, more focused, more skilled and generally more employable. Without a doubt, the ten months I spent with the Skype finance team was one of the most beneficial periods of learning and development I have undergone, one which I would highly recommend to anybody interested in expanding their knowledge, their network or their experience."

Brian Liston BSc Economics and Finance. Co- Founder at Seed CX



Economics & Finance

BSc (Hons) (NFQ Level 8)

CAO Code **DN670**

CAO Points Range 2016 **580—625**

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

DN670 Places **60**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- O6/H7 in English, Irish, a third language, and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

If you have a strong interest or ability in economics, maths and statistics, this degree provides everything you need for a future career in the areas of financial economics, banking and finance. Recognised as one of the premier degrees in 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 precious on their own in many careers and provide the essential background for learning Economics & Finance.

What will I study?

First Year - Develop Your Knowledge

Initially, especially in first and part of second year, 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 Stats) and Economics, as well as some Accounting, to build solid foundations on which, later on, to build competences in business and, more generally, applied subjects, with special emphasis on Finance.

Subjects: Economics, Micro & Macro • Statistics, Statistical Modelling & Statistical Probability • Financial Accounting • Introduction to Analysis • Principles of Finance • Linear Algebra • Advanced Calculus.

Year 2 & Final Year - Apply This Knowledge

You'll then learn to apply this knowledge to practical and important problems faced by businesses and policy makers in a broad range of settings.

The emphasis will be on problems and applications relevant to the financial industry and corporate financial management. If you choose one of the other streams (Economics, Maths & Stats), the emphasis will be instead on different aspects of economic analysis and quantitative methods needed to support (as a consultant or an analyst) and undertake (as a manager or a policy-maker) decision-making in a corporate or policy-making setting.

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

Career & Graduate Study Opportunities

This highly regarded degree offers you exceptionally good prospects in banking and financial services. Other possible areas for future employment or study are:

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

International Study Opportunities

We encourage you to pursue an international study experience with our elite exchange partners across the globe.

Internship Programme

Our one-year paid Internship Programme places successful applicants with leading national or international companies.

Other courses of interest

Actuarial & Financial Studies →135
Mathematics →127
Economics →67

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www.ucd.ie/**myucd/bus**

Diploma/ Bachelor of Business Studies

(NFQ Level 7/NFQ Level 8)

"My concern before I began the BBS was would I be able for it? The BBS has improved my CV. There were students from a wide variety of sectors and industries, each with valuable and relevant experience, resulting in great interaction and debate during many of our modules. The support from programme managers (and the CDL team) throughout the four years made life easier – it is a challenge to complete part time study while working, so anything that makes life a little easier is very welcome."

Sid McDonnell BBS Graduate 2015

CAO Code **NON-CAO**

Length of Course

2 Years (DBS) + 2 Years (BBS)

Entry Requirements

Eligibility for the programme is considered on the basis of mature years (a minimum age of 23 years on 1 January of the year of entry) or on the basis of matriculation (a minimum age of 21 years on 1 January of the year of entry with students having fulfilled the Matriculation requirements of the National University of Ireland). Exemptions from the Diploma in Business Studies may be granted in the case of holders of a HETAC Higher Certificate, or Ordinary Degree in Business Studies (with Merit or Distinction) or an equivalent qualification.

Fees

The "Free Fees Initiative" does not apply to this course. Please see www.ucd.ie/fees for information.

Why is this course for me?

Why not combine work, study and family commitments through a more flexible approach to your learning? Our business diploma and degree programmes involve a blend of home study, occasional campus attendance, underpinned by an infrastructure of student supports.

The course is delivered through both 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'll develop a solid, conceptual understanding of business and organisational management, along with the knowledge application, communication and leadership skills necessary in a modern business environment.

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 • Organisational Behaviour • People Management • Accounting • Business Law • Economics • ICT • Marketing.

We also have two academic skills modules, designed specifically to help you in returning to education.

In the Degree stage, you'll be introduced to the functions of strategic management. You'll 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'll also have the opportunity to undertake a major project in a self-selected management area of business practice.

Career & Graduate Study Opportunities

Our students come from a wide variety of backgrounds. Many join the course with a view to improving their prospects for career advancement or career change.

Student Support

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

www.ucd.ie/**myucd/bus**

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Science

BSc (Hons) DN200

Computer Science

BSc (Hons) DN201

Actuarial & Financial Studies

BAFS (Hons) DN230

Biological, Biomedical & Biomolecular Sciences

Biochemistry & Molecular Biology 107
Cell & Molecular Biology 108
Environmental Biology 109
Genetics 110
Microbiology 111
Neuroscience 112
Pharmacology 113
Physiology 114
Plant Biology 115
Zoology 116
Biology, Mathematics & Education 117

Chemistry & Chemical Sciences

Chemistry 118
Chemistry with Biophysical Chemistry 119
Chemistry with Environmental & Sustainable Chemistry 120
Medicinal Chemistry & Chemical Biology 121
Chemistry, Mathematics & Education 122

Mathematical, Physical & Geological Sciences

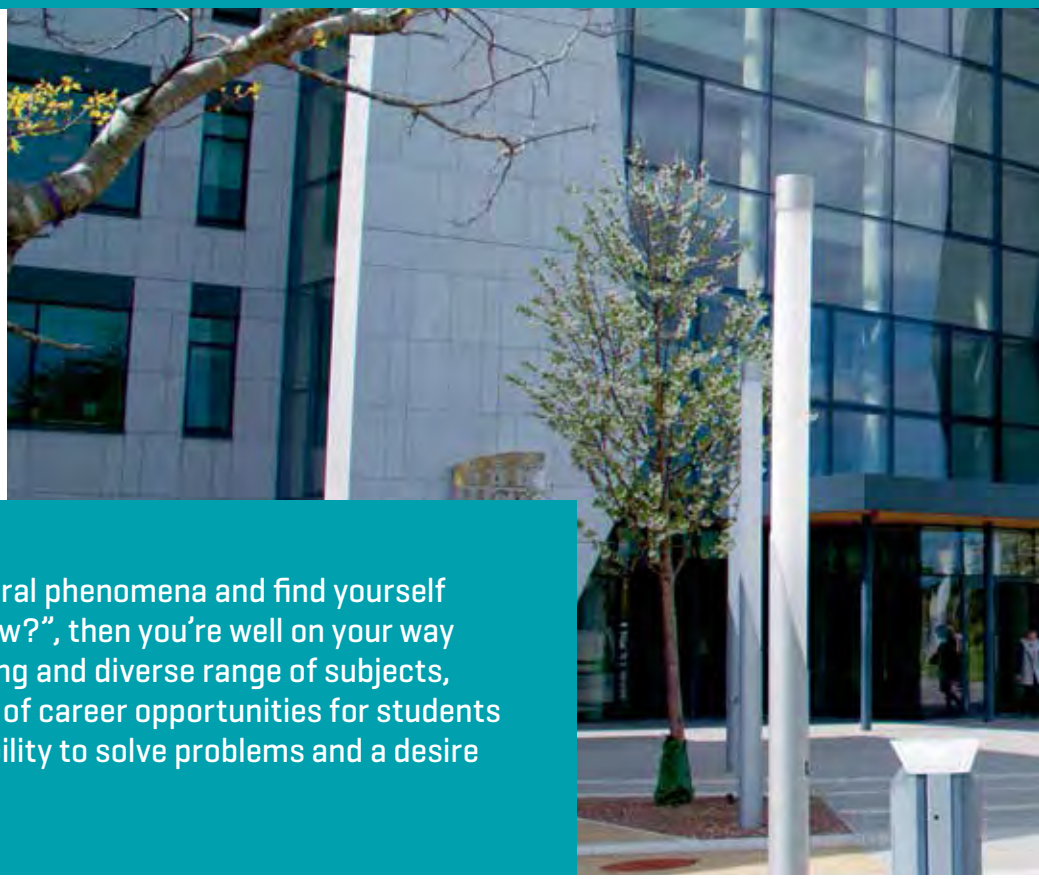
Applied & Computational Mathematics 123
Financial Mathematics 124
Physics 125
Mathematics 127
Statistics 129
Physics with Astronomy & Space Science 130
Theoretical Physics 131
Geology 132
Applied Mathematics, Mathematics & Education 133
Physics, Mathematics & Education 134

Direct Entry Courses

Actuarial & Financial Studies 135
Computer Science 136
Computer Science with Data Science 137

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Why UCD Science?



If you have a fascination with natural phenomena and find yourself constantly asking "why?" and "how?", then you're well on your way to being a scientist. With an exciting and diverse range of subjects, Science at UCD unfolds a universe of career opportunities for students who have an enquiring mind, an ability to solve problems and a desire to explore new worlds.

THE LARGEST SCIENCE COMMUNITY IN IRELAND

2,000
Undergraduates

1,500
Masters & PhD Students

1,000
Researchers

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

Career & Graduate Study Opportunities

There is a wide range of career opportunities available to Science graduates. UCD Science graduates are skilled at analysing data, writing reports and solving problems, and are trained to use their own initiative – all qualities that companies are looking for in employees. These skills can be transferred to businesses ranging from biotechnology, conservation and wildlife to IT, finance and forensics.

Many graduates continue their studies to Master's or Doctoral Degree level. Leading UCD institutes and research centres include the UCD Conway Institute, UCD Earth Institute and UCD Institute for Discovery. UCD is also home to NovaUCD, the Innovation and Technology Transfer Centre. Notable successes include the establishment of a range of spin-off companies, including ChangingWorlds and Lightwave Technologies.

Your First Year Experience

We offer a flexible and innovative undergraduate Science curriculum through the UCD Horizons programme. In addition to studying the subjects required for your degree, you also have the option to study outside your course by taking elective modules. We offer comprehensive advisory sessions at the start of the year with science lecturers and other staff to help you choose the right modules.

A key feature of UCD Science is our Peer Mentoring programme, which sees all first year Science students linked to a second or third year Science student. Your Peer Mentor will help you to get to know the ropes, answer all your questions and offer great advice and support as you adapt to college life. Academic advice is also available from experienced tutors when you drop in to the Maths and Computer Science Support Centres.

www.ucd.ie/**science**

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

DN200 Science

The first year of the DN200 Science programme is designed to enable you to sample a number of subjects in your chosen area. There are core subjects required for all degrees, e.g. Mathematics, but you do not have to study all the Science subjects in first year. You could, for example, concentrate on one area, such as Physics, but you can also try subjects from anywhere within Science, including subjects you may not have studied before, such as Geology. Students also have the option to become Science and Maths teachers at post-primary level.

The choices you make in first year will have a bearing on your final degree subject(s). In first year, students have a mixture of lectures and practical classes every day. Typically, lectures take place in the mornings and most practicals take place in the afternoons. In addition to the modules you must study within your Science degree, you take two modules called electives. You may choose these from anywhere across the University, including Science.

Towards the end of first year, students choose a number of subjects to study in second year. Students will major in one of these subjects and will continue to study that subject in third and fourth year.

The UCD Science DN200 course offers 26 subjects categorised into the following options:

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

Key points to note about the DN200 Science include:

- DN200 is not a "General Science" degree. It is an Honours degree course where students specialise in one of 26 subjects for their final degree.
- This course is ideal if you're undecided about which area of Science interests you most. Selecting 'No Preference' on your CAO form ensures flexibility to explore the range of science subjects.
- The No Preference option is also ideal if you're interested in subjects across more than one stream, e.g. Chemistry and Chemical Sciences and Mathematical, Physical and Geological Sciences.
- If you know the stream you're interested in studying, you can select it on your CAO form and you can focus on that area of study from first year. For example, if you're interested in Theoretical Physics, you can focus your studies on Physics, Mathematics and Applied & Computational Mathematics and you don't need to study any Biology or Chemistry.
- All DN200 Science students are guaranteed a degree from within a stream of their choice. In general, 98% of students study their first choice of degree subject in Years 3 and 4; the remainder study their second choice.

The **DN201 Computer Science** course is mainly a software engineering degree and is suitable for students with or without previous programming experience. The **Bachelor of Actuarial & Financial Studies (BAFS) DN230** offers the maximum exemptions from the Core Technical and Core Application exams and is designed for students interested in becoming actuaries.

KEY FACT

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

Studying UCD Science DN200

Years 1 & 2 — Engage with the principles

Biological, Biomedical & Biomolecular Sciences	Chemistry & Chemical Sciences	Mathematical, Physical & Geological Sciences	Explore all options

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

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

Years 3 & 4 — Follow your pathway

Biological, Biomedical & Biomolecular Sciences		Chemistry & Chemical Sciences	Mathematical, Physical & Geological Sciences	
Biochemistry & Molecular Biology	Cell & Molecular Biology	Chemistry	Applied & Computational Mathematics	Financial Mathematics
Environmental Biology	Genetics	Chemistry with Biophysical Chemistry		Mathematics
Microbiology	Neuroscience	Chemistry with Environmental & Sustainable Chemistry	Physics	Statistics
Pharmacology	Physiology		Theoretical Physics	Physics with Astronomy & Space Science
Plant Biology	Zoology	Medicinal Chemistry & Chemical Biology	Applied Mathematics, Mathematics & Education*	Geology
Biology, Mathematics & Education*		Chemistry, Mathematics & Education*		Physics, Mathematics & Education*

BSc (Honours)

Taught & Research Master's of Science (MSc)

Doctor of Philosophy (PhD) Science

Research & Academia

Shape your career with UCD Science

- Pharmaceuticals, Biotechnology & Hospitals
- Environmental Consultancies
- Conservation & Wildlife
- Water Utility, Mining & Energy
- Business & Finance
- Publishing, Media & Journalism
- Agriculture, Forestry & Fishing
- Clinical Trials & Medical Devices
- State Agencies - Bord Iascaigh Mhara, Irish Medicines Board, Forensic Science Laboratory, Met Éireann etc.

Conversion/Complementary Courses

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

Continue to develop your professional career with UCD...

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

"The No Preference DN200 Science option suited me perfectly as it allowed me to make the right decision about where my interests really lay between Chemistry and Biology after school. I studied statistics, cell signalling, organic chemistry and even some modules in French. I finally chose to study Biochemistry as it combines elements of subjects I love, such as genetics and cell biology, with lab skills and research possibilities. I completed an internship at the Pasteur Institute, Paris, in the area of Microbiology during my third year summer. When I graduate, I hope to complete a Masters in Science Communication. UCD is a place full of opportunities for all students and in my three years I've played on the lacrosse team, become a peer mentor and the treasurer of the Science Society."

Orla Sherwood Student

Blood cell preparation in the UCD Conway Institute.

Biochemistry & Molecular Biology

BSc (Hons) (NFQ Level 8)

Why is this course for me?

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

What will I study?

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

First Year

Biology • Chemistry • Mathematics • Optional Science modules • Elective modules

Second Year

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

Third Year

Biochemistry & Molecular Biology • Elective modules

Fourth Year

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

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

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

Career & Graduate Study Opportunities

Graduates in Biochemistry & Molecular Biology can find employment in:

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

Graduates are eligible to apply for a range of MSc programmes in Ireland and abroad, in areas such as biotechnology, imaging and microscopy and molecular medicine. Graduates can also pursue a PhD in universities in Ireland and abroad in areas such as medical research, drug development and biomedical science.

International Study Opportunities

Students in their third year have spent time in:

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

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

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Cell & Molecular Biology	→108
Neuroscience	→112
Pharmacology	→113
Physiology	→114

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www.ucd.ie/**myucd/bioandmolbio**

Cell & Molecular Biology

BSc (Hons) (NFQ Level 8)

Niamh Morgan studying mammalian cells under a fluorescence wide field microscope.

"This course is unique in terms of drawing on modules and content from Zoology, Plant Biology, Microbiology, Biochemistry, Molecular Biology and genetics. The capstone of the degree is a five-month project where we carry out a research project to gain hands-on, true-life experience of research. For me, the incredibly positive experience I gained during my research project encouraged me to continue in research as a PhD student at UCD. I hope to continue my career in research by moving into postdoctoral positions, ideally including at least one overseas. UCD really stood out from other universities because of its excellent international reputation and I was confident I would receive a top quality education and learn from excellent scientists and active researchers."

Niamh Morgan Graduate

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Biochemistry & Molecular Biology	→107
Neuroscience	→112
Agricultural Science	→182
Medicine	→139

www.ucd.ie/**myucd/cellandmolecularbiology**

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 modules

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)

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.

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

Niamh Quirke Student

Niamh Quirke holding a chameleon on a field trip to Spain, Photo by Sorcha Delargy © UCD 2015.

Environmental Biology

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree focuses on the biological aspects of environmental science. It equips students with a strong background in ecology and its application to environmental assessment and management. Marine, terrestrial and freshwater ecosystems are studied through the disciplines of plant, animal and microbial ecology, evolutionary biology, conservation biology, global change biology, pollution biology, soil science and wildlife ecology. There's a strong emphasis on vocational skills and links with industry. Core modules include mock environmental impact assessment, field-based sampling in Ireland and Spain, and guest lectures from environmental managers and consultants.

What will I study?

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

First Year
Biology • Chemistry • Mathematics • Optional Science modules • Elective modules

Second Year
Environmental Biology • + 2 other Science subjects • Elective modules

Third Year
Environmental Biology • Elective modules

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

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

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

Career & Graduate Study Opportunities

Environmental Biologists pursue a wide range of careers, such as:

Fisheries managers • Environmental consultants • Habitat ecologists • Pollution biologists • Wildlife and conservation officers • National park supervisors • Technical and scientific officers • University researchers and professors.

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

International Study Opportunities

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

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

Other courses of interest

Zoology	→116
Plant Biology	→115
Cell & Molecular Biology	→108
Agri-Environmental Sciences	→191

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www.ucd.ie/**myucd/environmentalbiology**

Genetics

BSc (Hons) (NFQ Level 8)

Transgenic zebrafish larvae. Image: Dr Yolande Alvarez.

"During the first two years of my DN200 Science course, I got to experience a wide variety of subjects. I discovered the exciting field of Genetics, which is at the forefront of biological research. I am now in my third year and have specialised in Genetics. I am learning about how genomic information is being unlocked and utilised to better understand disease and evolution. This course prepares you for a career in research, but does not limit you to this, providing the possibility of entering a wide variety of careers, from business to scientific journalism. I am interested to learn more about cutting-edge research and UCD Science has assisted me in securing a research internship at the European Molecular Biology Laboratory in Heidelberg this summer."

Béga Murray Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

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 modules

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

Pharmacology	→113
Biochemistry & Molecular Biology	→107
Cell & Molecular Biology	→108
Microbiology	→111

www.ucd.ie/**myucd/genetics**

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"I have always had a passion for Microbiology, fascinated by this invisible, ubiquitous community of organisms present throughout our world and beyond. However, in my Leaving Certificate year, I wasn't ready to commit myself to a particular area of science quite yet. 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. Becoming a member of the UCD Symphony Orchestra and the UCD Windsurfing Club has introduced me to a great group of friends from across the campus. I actually get to earn credits for my degree by playing in the orchestra, choosing it as an elective module. When I graduate, I hope to work in the food sector researching food microbiology."

Emma Cullen Student

Emma Cullen in a Microbiology practical in the new UCD O'Brien Centre for Science.

Microbiology

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- 03/H6 in Mathematics
- 03/H6 in a laboratory science (Applied Mathematics or Geography may be used instead of a laboratory science subject) and
- 06/H7 in English, Irish and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Microbiology is the study of microscopic organisms known as micro-organisms or microbes. Microbes play a key role in every facet of life on this planet. For example, microbes have a major impact on the earth's climate by their metabolism of greenhouse gases like carbon dioxide and methane. Microbes can naturally produce polymers, antibiotics but also consume or break down a multitude of toxic chemicals. Microbiologists use tools like molecular biology, fermentation, enzymology and synthetic biology to improve the natural ability of microorganisms so that they can produce new antibiotics, natural products, biodegradable plastics and clean up chemically polluted soil and water. Microbes protect us from colonisation by disease-causing organisms. However, some microbes cause disease, e.g. MRSA, AIDS, tuberculosis and meningitis. Microbiological research aims to find treatments for these and other infectious diseases.

What will I study?

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

First Year
Biology • Chemistry • Mathematics • Optional Science modules • Elective modules

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 that can take place in a pharmaceutical or food-related company or a hospital. Recent placements include Pfizer, Wyeth, Trinity Biotech and Our Lady's Children's Hospital, Crumlin.

Career & Graduate Study Opportunities

Microbiologists are employed in the healthcare, pharmaceutical and food-related industries, hospitals and veterinary hospitals and related laboratories. They also find work in government agencies such as the Environmental Protection Agency where they are involved in research and development, process design and control, management and quality control. Many students opt to continue their undergraduate degree with an MSc or PhD graduate programme. These microbiologists play a key role in developing new drugs, finding novel ways to combat infectious diseases and designing new approaches to clean the environment and develop a green economy.

International Study Opportunities

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

Other courses of interest

Biochemistry & Molecular Biology →107
Genetics →110
Pharmacology →113

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Neuroscience

BSc (Hons) (NFQ Level 8)

Examining embryos at different stages of development.

"Halfway through sixth year, we started studying the nervous system in Biology. Immediately, I knew I wanted to study the brain. I chose Science in UCD because the course allowed me to take modules in all areas of Biology. I studied Genetics and Biochemistry, as well as Neuroscience and found I enjoyed Genetics just as much as Neuroscience so, I decided to take Genetics modules with my core Neuroscience modules. This ability to tailor your degree is part of why I love studying Science at UCD. After my degree, I hope to do a PhD and research the genes involved in Alzheimer's Disease."

Aoife Hardesty Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Pharmacology →113
Physiology →114

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 modules

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, and in the Institute of Biochemistry and Pathobiochemistry, Ruhr University Bochum, Germany.

www.ucd.ie/**myucd/neuroscience**

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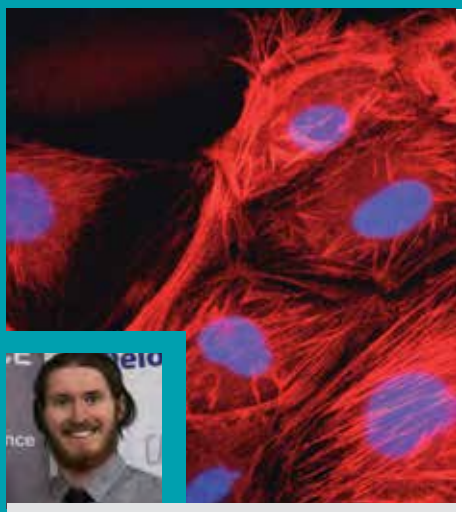
"When I say to people I study Pharmacology, the first thing I get asked is "Is that like pharmacy?" In Pharmacology, I study a whole range of topics to give me the ultimate understanding of the human as a whole. We need to know Biochemistry, Neuroscience, Cell Biology along with the specific drug knowledge. There is the opportunity to do internships in UCD and further afield to places like Vienna for a summer of real-life lab research experience. The teaching staff are so incredibly helpful. It's amazing! If the idea of making drugs safer, people healthier and saving the lives of people who have no help sounds like the kind of thing you want to do with your life, maybe Pharmacology is the choice for you. "

Eoin Kilroy-Talbot Student



The process of cell changes called EMT that occur when kidney epithelial cells are treated with drugs.
Image by Tara McMorrow and Eric Campbell.

Pharmacology

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Pharmacology is the scientific study of drugs and their action on biological systems, ranging from genes and cells up to tissues and even human populations. A drug is any substance given to a human or animal with the intention of changing the state of body function: to relieve pain, treat cancer, eliminate infection or improve health. Pharmacology is also concerned with the use of drugs as investigative tools to obtain a better understanding of cellular and physiological processes in both health and disease. In the UCD Pharmacology course, students will have the opportunity to take part in drug development research.

What will I study?

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

First Year

Biology • Chemistry • Mathematics • Optional Science modules • Elective modules

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.

Other courses of interest

Neuroscience →112
Physiology →114

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www.ucd.ie/**myucd/pharmacology**

Physiology

BSc (Hons) (NFQ Level 8)

Physiology students working on an experiment in the Conway Institute.

"Having come into UCD with no other certainty bar loving Biology, DN200 Science really was a great option. I am currently a second year student and would like to study Physiology for the final two years of my degree. I believe the level of academic teaching is outstanding and I love learning how various organs of the body work, including the heart, lungs and intestinal tract. UCD has opened up a whirlwind of opportunities for me. I have spent a year as a Residential Assistant, I am a Student Ambassador and Student Leader, I have acted as a Peer Mentor and this summer I am going to volunteer in a school in Tanzania with UCDVO. I'm really glad I chose UCD and couldn't imagine myself anywhere else!"

Celine Camon Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Pharmacology →113

Biomedical, Health & Life Sciences →142

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 modules

Second Year
Physiology • + 2 other Science subjects • Elective modules

Third Year
Physiology • Elective modules

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

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

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

Career & Graduate Study Opportunities

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

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

Physiology graduates regularly gain places on graduate-entry Medicine and other allied healthcare degree courses. UCD provides opportunities for graduate physiological research at the Master's or PhD level. Research into basic physiological mechanisms takes place but the research focus is on translational research, i.e. the research that enhances our understanding of human disease that leads to advances in the improvement of human health.

International Study Opportunities

Physiology students have spent time studying at the following universities:

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

www.ucd.ie/**myucd/physiology**

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"I always planned on studying Science but wasn't sure which area. This made Science in UCD the ideal choice. For the first two years, I tried modules from all the disciplines in Science, which left me more informed to pick the subject I would major in. Plant Biotechnology and Plant Pathology particularly interested me, so I chose Plant Biology as my major. Our classes were specific to Plant Biology, the class sizes were smaller and we had lots of contact with lecturers and tutors. The opportunity to carry out a research internship in South America with the Plant Palaeoecology and Palaeobiology research group in my third year has to be one of the highlights of my time in UCD. After graduating, I completed a research Master's in plant pathology and I am currently doing a PhD in molecular plant genetics, focused on the regulation of gene expression in stomatal guard cells."

Emma Doyle Graduate

An experiment on maize in the Programme for Experimental Atmospheres and Climate lab at UCD Photo: Peter Lang.

Plant Biology

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Plant Biology is the scientific study of plants, fungi and algae. Plants are vital for supporting and maintaining the atmospheric and environmental conditions required for all life on earth. They are the mainstay of human and animal diets, while also providing pharmaceuticals, timber, paper and clothing.

Plants are being exploited as sources of renewable energy and biofuels, and make an important contribution to measures aimed at reducing the effects of climate change. A key to the further development of plants for practical or economic use is an improved understanding of metabolic and developmental processes and their interactions with environmental factors.

What will I study?

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

First Year
Biology • Chemistry • Mathematics • Optional Science modules • Elective modules

Second Year
Plant Biology • + 2 other Science subjects • Elective modules

Third Year
Plant Biology • Elective modules

Fourth Year
Plant Biology (includes a research project).

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

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

Career & Graduate Study Opportunities

Plant Biology graduates have obtained positions as:

- Plant and environmental scientists
- Pollution biologists
- Molecular geneticists and cell biologists
- Agronomists, horticulturalists, foresters or park rangers
- Environmental consultants
- Wildlife, conservation, biodiversity or heritage officers.

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

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

Eoghan Daly, Environmental Consultant

Other courses of interest

Zoology →116
Microbiology →111
Cell & Molecular Biology →108

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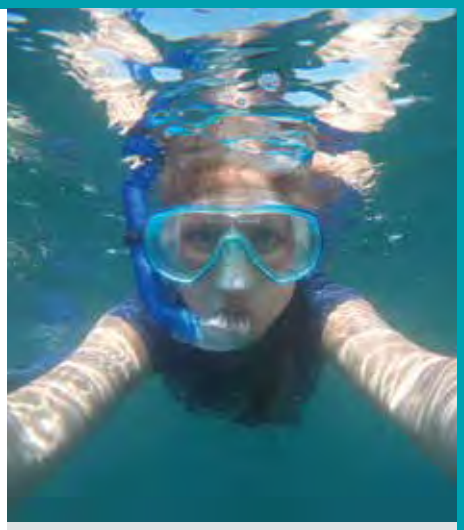
Zoology

BSc (Hons) (NFQ Level 8)



Sanni Hintikka researching Caribbean long spined sea urchins in Honduras.

"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 Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agri-Environmental Sciences	→191
Animal Science	→186
Environmental Biology	→109
Genetics	→110

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 modules

Second Year
Zoology • + 2 other Science subjects • Elective modules

Third Year
Zoology • Elective modules

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

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

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

Career & Graduate Study Opportunities

Because of the nature and breadth of the subject, Zoology graduates are employed in most of the industries and state organisations that employ biologists. These include the National Parks and Wildlife Services, National Museum, Marine Institute, semi-state bodies such as the Environmental Protection Agency, ESB, BIM and Inland Fisheries Ireland, conservation bodies, aquaculture, universities, secondary schools, environmental consultancies and several areas of biotechnology.

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

www.ucd.ie/**myucd/zoology**

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

Emily Lewanowski-Breen Student

Students attending an Education module class.

Biology, Mathematics & Education

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

CAO Code **DN200**

CAO Points Range 2016 **510—625**

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

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- **O3/H6 in Mathematics**
- **O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

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 H4 in Leaving Certificate Mathematics, or equivalent.

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 modules

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

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 taking a class. During the last two years of the course, students are assigned 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.

Other courses of interest

Applied Mathematics, Mathematics & Education	→133
Chemistry, Mathematics & Education	→122
Physics, Mathematics & Education	→134

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Chemistry

BSc (Hons) (NFQ Level 8)

Preparing an experiment in Chemistry.

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

Andrew Keating Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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 modules

Second Year
Chemistry • +1 Science subject • Elective modules

Third Year
Chemistry • Elective modules

Fourth Year
Chemistry (includes a research project).

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

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

Career & Graduate Study Opportunities

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

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

The semiconductor and medical device and energy industries also hire a significant number of materials chemists, and graduates would be involved in:

- Semiconductor processing
- Effluent and raw materials monitoring
- Air and water quality measurements.

Chemistry graduates also pursue PhDs in Ireland or abroad in areas as diverse as biological aspects of nanoscience, novel material synthesis, energy generation and polymer chemistry.

International Study Opportunities

Students have spent time studying at the following universities:

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

Other courses of interest

Medicinal Chemistry & Chemical Biology →121
Chemistry with Environmental & Sustainable Chemistry →120
Chemistry with Biophysical Chemistry →119

www.ucd.ie/**myucd/chemistry**

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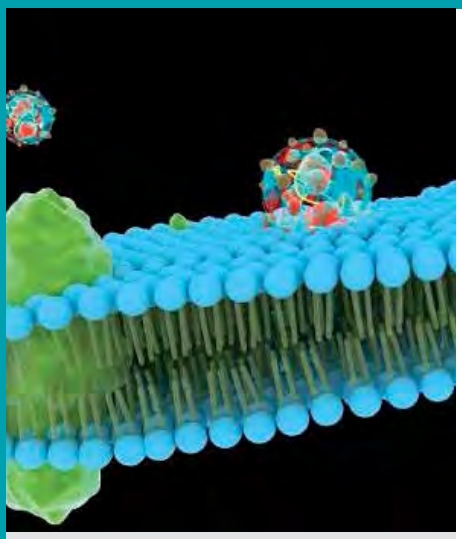
facebook.com/**UCDScience**

"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



A nanoparticle with encapsulated active ingredient is penetrating a cell membrane. © Nanobotmodels Company.

Chemistry with Biophysical Chemistry

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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 modules

Second Year

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

Third Year

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

Fourth Year

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

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

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

Career & Graduate Study Opportunities

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

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

Biophysical Chemistry graduates will be able to find employment in biotechnological, chemical, pharmaceutical, biomedical, food, personal care and other industries, as well as academic research worldwide. Graduates can also pursue a range of MSc or PhD opportunities in Ireland or abroad.

Other courses of interest

Chemistry →118
Chemistry with Environmental & Sustainable Chemistry →120
Medicinal Chemistry & Chemical Biology →121

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www.ucd.ie/**myucd/biophysicalchemistry**

Chemistry with Environmental & Sustainable Chemistry

BSc (Hons) (NFQ Level 8)

PhD students Linda Sherry and Elaine Neville studying materials which promote the synthesis of sustainable fuels.

"I came to UCD with a background in Biology and Chemistry, so the DN200 really helped me to make my mind up over which discipline I wanted to pursue. As it turns out, I really loved Chemistry so I am now in third year Chemistry with Environmental and Sustainable Chemistry and I am honestly loving it! It combines the traditional aspects of Chemistry that I previously learned about, such as organic and inorganic, as well as new environmental topics. I am currently planning to do an internship here in UCD over the summer. It is my future hope that I may stay on to complete a PhD after graduation, or possibly work for a pharmaceutical company. Overall I am extremely happy I chose Chemistry in UCD. Over my time in UCD, I have been an orientation guide and an OCM of the Science Society, while also being a member of many other societies along the way."

Alan Buckley Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Chemistry	→118
Medicinal Chemistry & Chemical Biology	→121
Chemistry with Biophysical Chemistry	→119

www.ucd.ie/**myucd/environmentalandsustainablechemistry**

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 modules

Second Year

Chemistry, Environmental Chemistry (with modules of Geology and Biology, discussing climate change) • + 1 other Science subject • Elective modules

Third Year

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

Fourth Year

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

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

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

Career & Graduate Study Opportunities

Apart from the disciplines that are available to graduates with a BSc in Chemistry, graduates in Chemistry with Environmental & Sustainable Chemistry will be particularly suited to employment in the environmental and emerging energy industries, including: Commercial environmental analysis • Alternative energy industry • Environmental Protection Agency • ESB • Bord Gáis.

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

International Study Opportunities

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

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

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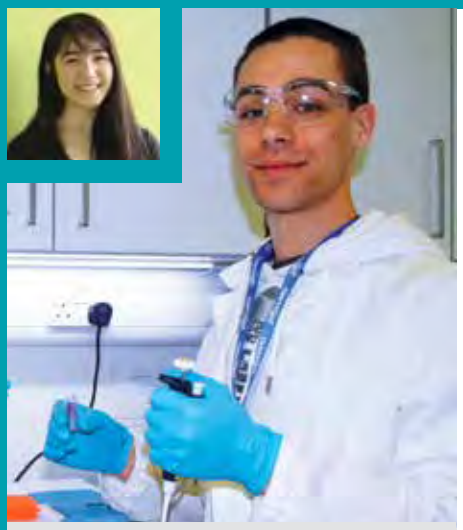
"I always knew that I wanted to study Chemistry after taking it for the Leaving Certificate. However, it was only through the flexibility of the DN200 course in UCD that I was able to explore further subjects such as Biochemistry and Pharmacology. This led me to pursue a degree in Medicinal Chemistry & Chemical Biology, and although the material is challenging, it is an extremely rewarding course. The knowledge and practical laboratory skills I've acquired are invaluable, especially in terms of drug development and discovery. After my degree, I hope to continue further with my studies and complete a PhD. UCD is an incredibly diverse place, and during my time here I've been able to study Chinese, Russian and Japanese, and am now secretary of the Japanese society."

Amelia Glynn Student



UV determination of enzyme kinetics is a key step in the design of industrially relevant biocatalysts.

Medicinal Chemistry & Chemical Biology

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree is ideal for students who have an interest in chemistry and its applications in biology. Medicinal Chemistry & Chemical Biology are fields populated by chemists who have a good understanding of biology at the molecular level. They'll be of increasing importance for decades to come to address existing and emerging healthcare problems, e.g. cancer, AIDS, TB and avian flu. Chemical biologists and medicinal chemists will develop the next generation of medicines to solve such problems, and will have an impact across a wide range of areas, including the development of environmentally friendly approaches to process chemistry.

What will I study?

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

First Year
Chemistry • Mathematics • Biology • Optional Science modules • Elective modules

Second Year
Medicinal Chemistry & Chemical Biology • + 1 other Science subject • Elective modules

Third Year
Medicinal Chemistry & Chemical Biology • Elective modules

Fourth Year
Medicinal Chemistry & Chemical Biology (includes a research project)

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

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

Career & Graduate Study Opportunities

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

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

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

Other courses of interest

Chemistry →118
Biochemistry & Molecular Biology →107
Chemistry with Environmental & Sustainable Chemistry →120

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Chemistry, Mathematics & Education

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

Group work in an active learning environment classroom.

"I chose to study Science at University because I saw it as a first step in achieving my goal of becoming a post-primary teacher. My plan was a BSc in Maths followed by a qualification in Education. But at University, as I became more immersed in the world of mathematical thinking, problem solving, proof and abstraction, and appreciated more the power and beauty of maths, I became conflicted – which to choose, Maths or teaching? I chose Maths then but today feel fortunate as my job involves the best of both worlds. This degree offers you the opportunity to explore and experience the two worlds of Science and Education in an integrated manner without compromising one for the other"

Associate Professor Maria Meehan Staff

CAO Code **DN200**

CAO Points Range 2016 **510—625**

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

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

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 H4 in Leaving Certificate Mathematics, or equivalent.

Other courses of interest

Applied Mathematics, Mathematics & Education	→133
Biology, Mathematics & Education	→117
Physics, Mathematics & Education	→134

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 modules

Second Year
Chemistry • Mathematics • Education • Elective modules

Third Year
Chemistry • Mathematics • Education • School placement – one placement in a post-primary school, and one placement as a third-level tutor

Fourth Year
Education • School placement • Mathematics

Fifth Year
Education • School placement

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 taking a class. During the last two years of the course, students are assigned year-long placements at two different post-primary schools. These placements are designed so that students not only obtain teaching experience, but also gain a whole-of-school experience through participating in parent-teacher meetings, timetabling etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

KEY FACTS

The five-year course is fully accredited by the Teaching Council of Ireland.

Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.

www.ucd.ie/**myucd/chemmathed**

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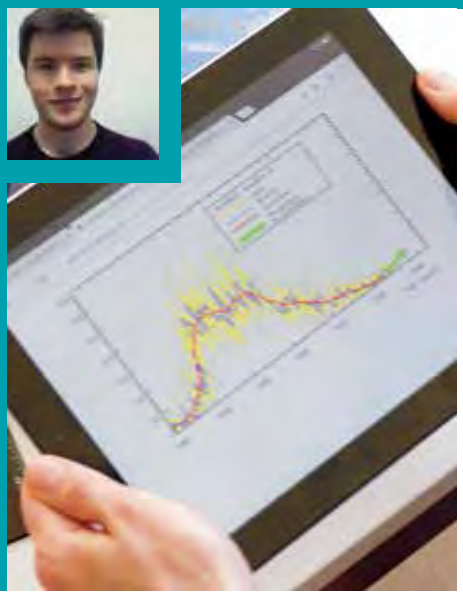
"I spent my first two years taking modules in pure Maths, Applied Maths, Statistics, Geology and Physics to try to find my niche. Eventually I decided to go with Applied and Computational Mathematics. For me, it was the perfect balance between physical problems, maths problems and programming. In this course, you get to learn about a lot of advanced areas of Mathematics and you also learn how to apply these methods to real-life physical systems. I am currently researching for a PhD at UCD in wave turbulence, an area of Mathematics which has potential applications in engineering and optics."

Shane Walsh Graduate



Applied & Computational Mathematics

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

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, oceanography, mathematical biology, fluid dynamics, relativity and quantum mechanics.

First Year
Applied & Computational Mathematics • Mathematics • Optional Science modules • Elective modules

Second Year
Applied & Computational Mathematics (includes Mathematics/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 of practicals, written exams and online learning activities.

Career & Graduate Study Opportunities

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

- Physics: nanoscience, quantum optical processes in semiconductors and robotics
- Biology: biomedical applications, medical instrumentation and bio-information technology
- Finance
- Pharmaceutical industry
- Environmental agencies and companies
- Computing in business, technology, research and academia

International Study Opportunities

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

- University of Texas at Austin, USA
- University of California, USA
- University of Perugia, Italy
- University of Konstanz, Germany.

Other courses of interest

Computer Science →136
Theoretical Physics →131

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www.ucd.ie/**myucd/appliedandcomputationalmathematics**

Financial Mathematics

BSc (Hons) (NFQ Level 8)

"I received a PhD in pure Mathematics and focused on partial differential equations. I then taught Mathematical Analysis and in order to adapt the teaching of Mathematics to real-world applications, I had to analyse real business cases, which deepened my interest in Applied Mathematics. I then decided to move to the financial industry and for five years I worked as a Business Analyst in the Derivatives Pricing and Risk Management Department of an advisory firm. Today, I feel very lucky because my job draws on my experience to date and the modules I teach in Financial Mathematics will prepare students to work in today's financial sector. Our Financial Mathematics degree provides a thorough preparation to work in banking, insurance and financial services by teaching the main skills required, such as data analysis, mathematical modelling, numerical methods and coding, financial economics and corporate finance."

Dr Adamaria Perrotta Staff

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Other courses of interest

Statistics	→ 129
Actuarial & Financial Studies	→ 135
Mathematics	→ 127

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 that 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 these 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 actuarial statistics.

First Year
Statistics • Applied & Computational Mathematics • Mathematics • Optional Science modules • Elective modules

Second Year
Applied & Computational Mathematics • Mathematics • Statistics • Finance • 1 other Science subject • Elective modules

Third Year
Financial Mathematics • Elective modules

Fourth Year
Financial Mathematics (modules include computational finance, stochastic models, Bayesian analysis, and advanced corporate finance)

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

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

Career & Graduate Study Opportunities

Graduates with training in Financial Mathematics work in fields as diverse as:

- Quantitative positions in the financial sector
- Risk modelling in banking and insurance
- Computing in business, technology, research and academia

Graduates can also pursue a range of MSc or PhD programmes such as the MSc in Actuarial Science, MSc in Quantitative Finance, or an MSc in Statistics.

International Study Opportunities

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

- University of Texas at Austin, USA
- University of California, USA
- University of Perugia, Italy
- University of Konstanz, Germany.

www.ucd.ie/**myucd/financialmathematics**

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"UCD Science was a perfect fit for me because it allowed me to focus on my chosen subject, Physics, right from the start by selecting the Mathematical, Physical and Geological Sciences stream. In first year, I studied a lot of fascinating topics, ranging from special relativity to particle physics. The flexibility of DN200 also allows plenty of room for elective modules, and so far I have completed electives in computer science, statistics and earth science. This summer, I have secured an internship at a scientific institute in Prague, where I will get to work in a real research lab. I'm excited to apply the practical skills I have learned during my lab modules over the last two years."

Fiona Gallagher Student

Physics students in the new undergraduate laboratory.

Physics

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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 modules

Second Year
Physics • + 1 other Science subject • Elective modules

Third Year
Physics • Elective modules

Fourth Year
Physics (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

Recent Physics graduates have pursued careers in the following:

Energy technology • Medical physics • Meteorology • Advanced materials (e.g. semiconductor industry) • Geoscience • ICT and financial industries • Semi-state bodies such as EPA's Office of Radiological Protection.

Graduates are also eligible to apply for MSc programmes in Nanobio Science, Space Science & Technology, Nanotechnology, Medical Physics or Meteorology, or for PhD programmes in Ireland and abroad in diverse areas such as Radiation Physics, Physics of Advanced Materials, Atomic Physics, Particle Physics and Astrophysics.

International Study Opportunities

Students can apply to study for a semester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia.

Other courses of interest

Theoretical Physics →131
Physics with Astronomy & Space Science →130

Professor Gerry O'Sullivan &
Associate Professor Emma Sokell UCD School of Physics
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www.ucd.ie/myucd/physics

Mathematics

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Studying Mathematics as a Joint Major with one of the below:	
Art History	Irish
Drama	Irish Folklore
English	Italian
French	Linguistics
Greek & Roman Civilisation	Music
History	

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Mathematics as a Joint Major with one of the below:	
Archeology	Philosophy
Economics	Politics
Geography	Sociology
Information and Communication Studies	

Other courses of interest

Economics →67

Economics, Mathematics & Statistics →68

"I decided to study Mathematics at UCD as part of a Joint Honours degree because of the huge variety of interesting topics available. I was taught by world-class lecturers and mathematicians who are at the forefront of exciting research and discovery. The Mathematics degree provides an excellent foundation both for employment and further study, and I have since undertaken a Higher Diploma in Mathematical Science."

Patrick Doohan Ad Astra Scholar

Why is this subject for me?

Mathematics plays a key role in our quest to fully describe and understand the natural world. 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.

If you are interested in studying Mathematics together with an Arts and Humanities or Social Sciences subject, then this degree is for you.

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 Arts

Mathematics as part of a BA can be combined with one of 12 subjects including English, Music, Irish and History.

First Year
Calculus • Linear Algebra • Combinatorics & Number Theory • Plus Other Subject • Plus Electives.

Second Year
Topics in Mathematics include: Multivariable Calculus • Analysis • Algebraic Structures • Linear Algebra 2 • Statistics & Probability, with options Graphs and Networks • The Mathematics of Google • Theory of Games • Plus Other Subject • Plus Elective Modules.

Third Year
Complex Analysis • Geometry • Group Theory and Applications with options • History of Mathematics • Financial Mathematics • Differential Equations • Plus Other Subject • Elective Modules.

BSc Social Sciences

Mathematics as part of a BSc can be combined with one of seven subjects including: Economics, Statistics and Geography.

First Year
Calculus • Linear Algebra, Combinatorics & Number Theory • Plus Other Subject • Electives.

Second Year
Topics in Mathematics include: Multivariable Calculus • Analysis • Algebraic Structures • Linear Algebra 2 • Statistics & Probability, with options Graphs and Networks • The Mathematics of Google • Theory of Games • Plus Other Subject • Plus Elective Modules.

Third & Fourth Year
Mathematics topics include: Complex Analysis • Geometry • Advanced Linear Algebra • Group Theory and Applications • Mathematics of Google • History of Mathematics • Financial Mathematics • Differential Equations • Research Portfolio • Internship Opportunity • Study Abroad Opportunity • Plus Other Subject • Electives.

Assessment

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

Career & Graduate Study Opportunities

The skills and problem-solving abilities you acquire 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), HDip in Statistics, and MA in either Mathematics or Statistics.

International Study Opportunities

- University of California,USA
- Queen's University, Canada
- University of Perugia, Italy
- University of Konstanz, Germany.

www.ucd.ie/**myucd/ahss**

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Science Centre North, UCD, Belfield, Dublin 4

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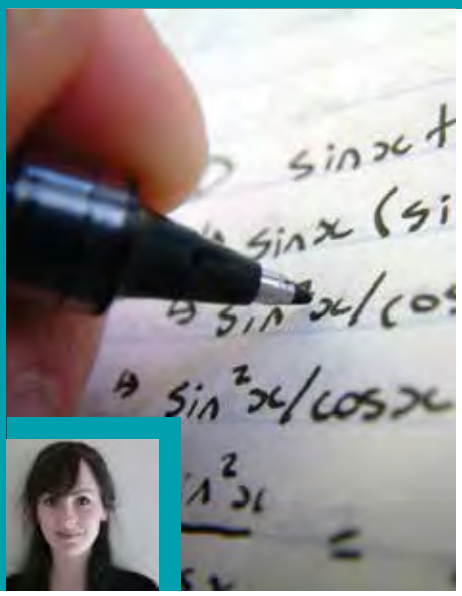
facebook.com/**MyUCD**

"In secondary, school I loved maths. However, University-level maths has a reputation for being unthinkably difficult, and I was afraid that I wouldn't be able for it. However, I've 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



Mathematics

BSc (Hons) (NFQ Level 8)

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Why is this course for me?

Mathematics is a basic tool in all scientific subjects such as economics, engineering, geography, computer science, banking, business, statistics, social science and in many other fields. 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 subject possesses a very large collection of problems – many still unresolved – that require highly challenging investigation and great ingenuity.

What will I study?

This is a sample pathway for a degree in Mathematics. Topics include linear algebra and geometry, differential and integral calculus, graphs and networks, theory of games, field theory, metric spaces, differential geometry and functional analysis.

First Year
Mathematics • Statistics • Applied and Computational Mathematics • Optional Science modules • Elective modules

Second Year
Mathematics • + 1 other Science subject • Elective modules

Third Year
Mathematics • Elective modules

Fourth Year
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

Each year sees new applications of sophisticated mathematical models and procedures, using computers, in insurance and actuarial services, the stock market, banking and industry. Employers in all of these areas seek mathematics graduates. Our recent graduates have found work in diverse areas, including:

- Actuarial science
- Banking and financial services
- Civil service executive and administrative grades
- Coding and cryptography companies
- IT industry
- Meteorology

Graduate opportunities for Mathematics graduates include MSc and PhD programmes in Mathematical Sciences in Ireland and abroad, leading to research in universities, research institutes or in industry.

International Study Opportunities

Students can apply to study for a semester or year in third year in one of approximately 20 universities worldwide, including:

- University of Texas at Austin, USA
- University of California, USA
- University of Perugia, Italy
- University of Konstanz, Germany.

Other courses of interest

Actuarial and Financial Studies → 135
Computer Science → 136
Theoretical Physics → 131

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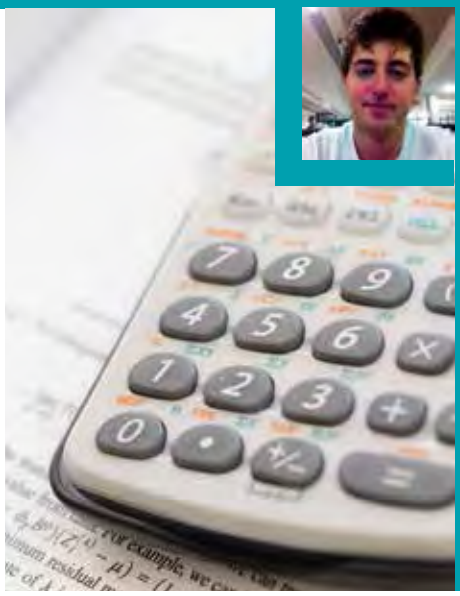
www.ucd.ie/**myucd/mathematics**

Statistics

BA (Hons) (NFQ Level 8) - DN520

BSc (Hons) (NFQ Level 8) - DN700



"I always enjoyed mathematics in secondary school and had a keen interest in problem solving, so I decided to study Mathematics and Statistics in UCD. Studying them through Arts is great, as you get to study a broad range of subjects such as Applied Maths, Pure Maths and Statistics, and to explore other subjects such as Economics, History, and Psychology. I am halfway through my degree and loving every minute of it. I hope to do a postgrad in Statistics in the future."
Jack Mac Cuinneagain Student

CAO Code **DN520** BA Arts

CAO Points Range 2016 N/A

Length of Course 3 Years

DN520 Places 350

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Studying Statistics	
as a Joint Major with one of the below:	
Art History	German
Drama	Irish
English	Linguistics
French	Spanish

CAO Code **DN700** BSc Social Sciences

CAO Points Range 2016 N/A

Length of course 4 Years

DN700 Places 500

For general entry requirements, see pages 196-203

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

Other Entry Routes same as above

Studying Statistics	
as a Joint Major with one of the below:	
Archeology	Philosophy
Economics	Politics
Geography	Sociology
Information and Communication Studies	

Other courses of interest

Economics, Statistics & Mathematics →68
Computational Social Science →66

Why is this subject for me?

Wherever data are collected, statistical and data analysis skills are required. Statisticians develop mathematical models for uncertainty and apply them to real data. Statistical models allow us to learn about the underlying processes which give rise to the data. The power of modern computing continues to have a major impact on both the development and applicability of statistical methods in almost every area of social science, science and business.

If you are interested in studying Statistics with an Arts and Humanities or Social Science subject, then this degree could be for you.

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 to how statistical methods are used in practice. Statistics as part of a BA can be combined with one of eight subjects, including English and Art History.

BA Joint Honours:

First Year
Statistical Modelling • Practical Statistics • Calculus • Plus Other Subject • Electives

Second Year
Probability Theory • Inferential Statistics • Linear Models I • Linear Models II • Plus Other Subject • Plus Elective Modules

Third Year
Complex Time Series Analysis • Statistical Data Mining • Monte Carlo Inference • Survey Sampling • Multivariate Analysis • Actuarial Statistics I • Plus another subject • Electives

Statistics as part of a BSc can be combined with one of seven subjects, including Economics and Sociology.

BSc Social Sciences Joint Honours

First Year
Same as BA Joint Honours

Second Year
Same as BA Joint Honours

Third & Fourth Year
Time Series Analysis • Bayesian Analysis • Data Programming • Statistical Data Mining • Monte Carlo Inference • Survey Sampling • Multivariate Analysis • Actuarial Statistics I • Research Portfolio • Internship Opportunity • Study Abroad Opportunity • Plus Other subject • Electives in Third Year.

Assessment

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

Career & Graduate Study Opportunities

More and more employers are seeking to hire statisticians, as they play a key role in virtually all areas of society and science, including:

- Industries such as finance, government, economic analysis, marketing, education, health, medicine, environmental science
- Societal research which contributes to understanding economic and social change, informing public policymaking
- Development of new drugs in the pharmaceutical industry

Graduates may also pursue further study, including the MA in Statistics, HDip in Mathematical Science (qualifier for the MSc in Mathematical Science) and GradDip in Actuarial Science.

International Study Opportunities

- University of California,USA
- Queen's University, Canada
- University of Perugia, Italy
- University of Konstanz, Germany.

www.ucd.ie/**myucd/ahss**

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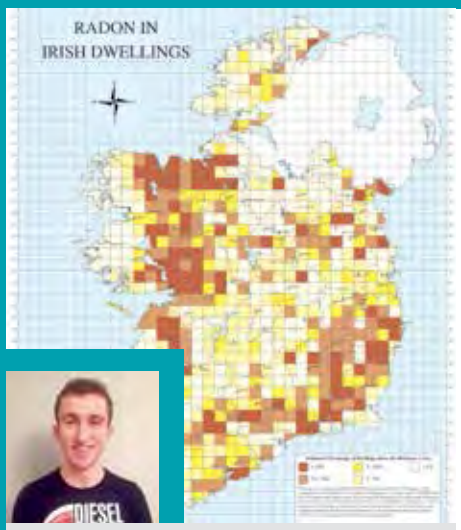
"In 6th Year, I didn't really know which course to choose. By picking UCD Science, I got to try out subjects I was curious about, such as Biology and Chemistry, before choosing Statistics. The mix of problem solving, Mathematics and real-world applications in Statistics is ideal for someone with an aptitude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

Eoin Whelan Student



A map of Ireland showing radon in Irish dwellings;
Map by the Radiological Protection Institute of Ireland.

Statistics

BSc (Hons) (NFQ Level 8)

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, linear models, Bayesian statistics, Monte Carlo inference and actuarial statistics.

First Year

Statistics • Mathematics • Computer Science • Optional Science modules • Elective modules

Second Year

Statistics • + 1 other Science subject • Elective modules

Third Year

Statistics • Mathematics • Financial Mathematics • Elective modules

Fourth Year

Statistics • Applied & Computational Mathematics • Financial Mathematics

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

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

Career & Graduate Study Opportunities

Statisticians play a key role in virtually all areas of science and society:

- In the pharmaceutical industry, statistical modelling is vital in developing new drugs
- Statisticians help businesses investigate their customer behaviour to enhance their profitability
- Statistical skills are key in the new emerging areas of bioscience, such as genetics and bio-informatics
- Training in statistical science is valued in many industries such as finance, environmental science, economic analysis, medicine, education, health and social services, and many areas of government.

With a Statistics degree, you'll be in demand, as more and more employers are seeking to hire statisticians. There has never been a better time to take this degree. There are various opportunities for graduate study in statistics in both taught and research programmes, and a number of our graduates complete further studies.

International Study Opportunities

Students may apply to study abroad for a semester or year in third year in a range of worldwide universities. Potential universities include: University of Texas at Austin, USA • University of California, USA • University of Perugia, Italy • University of Konstanz, Germany.

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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

Other courses of interest

Financial Mathematics → 124
Actuarial & Financial Studies → 135
Statistics → 128

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Physics with Astronomy & Space Science

BSc (Hons) (NFQ Level 8)

Star Trails around Polaris on top of the IAC-80 telescope at Teide Observatory.

"Having studied and thoroughly enjoyed Chemistry, Physics and Applied Maths for the Leaving Certificate, I knew I wanted to take the Maths and Physics path in University. UCD Science allows the opportunity to explore and gain insight into different areas in first year before deciding your final degree subject. However, at UCD the opportunities provided to you go far beyond your degree. In my time here, I have had the opportunity to become a Science Student Leader and UCD Student Ambassador, as well as gain my CMAS One Star Scuba Diving qualification. In my final year, I will have the opportunity to travel to La Laguna University in Tenerife to conduct a Mission Design Study for an astronomical spacecraft mission. When I graduate, I hope to further my studies in a similar field."

Ciara Deering Student

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Physics →125
Theoretical Physics →131

Why is this course for me?

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

What will I study?

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

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

First Year

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

Second Year

Physics • + 1 other Science subject • Elective modules

Third Year

Physics with Astronomy & Space Science

Support is provided for students applying to summer internship programmes e.g. at ESA. UCD Physics offers research experience to undergraduates, including in the Astrophysics and Space Science research groups • Elective modules.

Fourth Year

Physics with Astronomy & Space Science Students either participate in a week-long mission-design workshop at the University of La Laguna in Tenerife, or they undertake astronomical observations at Tenerife's Teide Observatory.

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

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

Career & Graduate Study Opportunities

The space sector demands a highly skilled workforce. There are opportunities for graduates to work with major space agencies, such as ESA and NASA, or with space companies. Since the Physics with Astronomy & Space Science degree is an accredited Physics degree, graduates are also qualified to go into medical physics, meteorology, semiconductor technology, energy, ICT and finance.

Graduates may apply for MSc programmes such as Space Science & Technology. They may also pursue research through PhD programmes in Ireland and abroad in many fields of physics.

International Study Opportunities

Students can apply to study for a semester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia.

www.ucd.ie/**myucd/physics withastronomyandspacescience**

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"I found Physics, in particular Quantum Physics, to be really interesting in secondary school and so chose to study Theoretical Physics at UCD because the course focuses heavily on the areas that I found cool. Especially in our last two years, we have the ability to tailor our module choices to the areas of Physics that we find interesting, be it Quantum Physics, Theoretical Astrophysics or Computational Physics, among many others. A great thing about Physics is all the support we get from lecturers, as well as the other years. Outside of studying, UCD gave me the option to return to Lacrosse and Taekwondo, and I also picked up Judo. I got involved in the Physics Society as Auditor, which allowed me to connect more with the other years and people from across the university."

Athina Lange Student

Writing the Rydberg formula for the wavelengths of Hydrogen atomic transitions.

Theoretical Physics

BSc (Hons) (NFQ Level 8)

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 modules

Second Year

Theoretical Physics • + 1 other Science subject • Elective modules

Third Year

Theoretical Physics (includes Quantum Physics and Electrodynamics, Applied & Computational Mathematics and Mathematics) • Elective modules

Fourth Year

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

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

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

Career & Graduate Study Opportunities

Theoretical Physics graduates can choose to develop careers in:

- Academic and government research institutions
- Energy technologies
- Information and communication technology
- Advanced materials (e.g. semiconductor industry)
- Management consulting, stock market and financial risk analysis
- Climate change and environmental impact analysis
- Second- and third-level education.

Our Theoretical Physics graduates are well prepared for further research and have successfully completed PhDs in MIT, Caltech, Harvard, Princeton and Cambridge, as well as in UCD.

International Study Opportunities

Students can apply to study for a semester or year in third year in a number of universities worldwide, including:

- University of California, Berkeley, USA
- University of California, Santa Cruz, USA
- San Jose State University, California, USA
- University of Melbourne, Australia.

CAO Code **DN200**

CAO Points Range 2016 **510—625**

Length of Course **4 Years**

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Applied & Computational Mathematics →123
Physics →125

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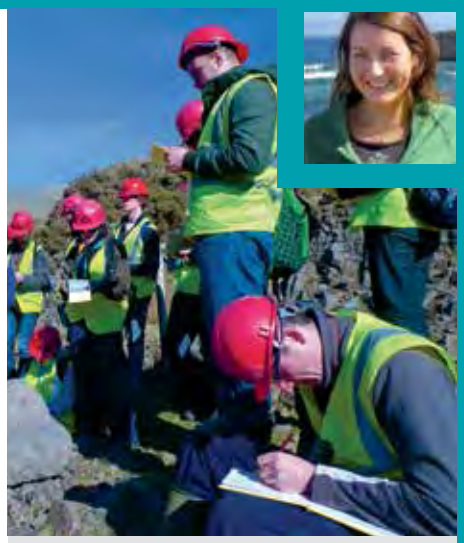
www.ucd.ie/**myucd/theoreticalphysics**

Geology

BSc (Hons) (NFQ Level 8)



Second year field class in the Doolough valley, Co. Mayo.

"Geology at UCD provided me with both a solid understanding of the subject and excellent practical skills. The skills acquired through the practical coursework and field trips play an important part in my everyday work in the field of contaminated land and geotechnical ground investigation. Following my BSc degree and Master's in Environment Engineering Technology, with UCD's Department of Biosystems Engineering, I worked with an environmental planning consultancy in Ireland. I then relocated to the UK to work with a geo-environmental and geotechnical consultancy. I am currently enjoying living in Sydney and working with an international engineering consultancy on large-scale contaminated land remediation projects."

Aoife Mc Kenna Graduate

CAO Code **DN200**

CAO Points Range 2016 510—625

Length of Course 4 Years

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Landscapes & Society →69

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 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, volcanology, petrology, geophysics, structural geology, tectonics, earth evolution, earth resources and applied geology.

First Year

Geology • Mathematics • Optional Science modules • Elective modules

Second Year

Geology (includes a residential field course in the west of Ireland) • + 1 other Science subject • Elective modules

Third Year

Geology (includes residential field courses in Ireland and England) • Elective modules

Fourth Year

Geology: the year begins with a summer field-mapping research project, with follow-up research and report completion during the first semester of fourth year. There is a 10-day residential field course, usually held in Spain.

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

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

Career & Graduate Study Opportunities

Geology graduates work in areas essential to understanding and protecting the environment, in industries using natural resources and developing infrastructure in roles such as geological surveyors, petroleum and mineral exploration and production geologists, mine geologists, hydrogeologists, oceanographers, geochemists, environmental consultants and engineering and structural geologists.

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

www.ucd.ie/**myucd/geology**

Associate Professor Julian Menuge
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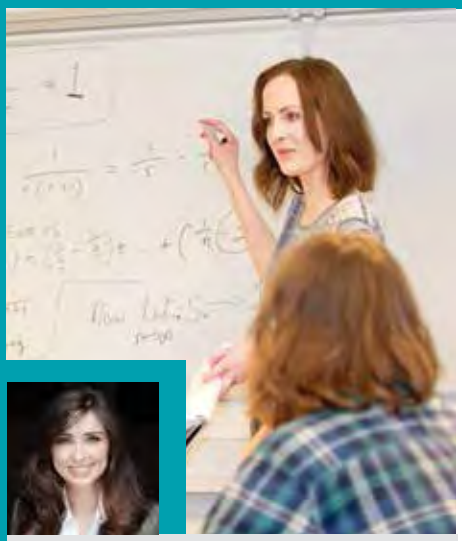
"I studied Theoretical Physics here in UCD as my undergraduate degree because it combined the two subjects I was really interested in: Mathematics and Physics. Mathematics is fundamental in science and is particularly relevant in physics, since it provides a way of understanding and unravelling how the world around us works. A few years after graduating, I decided I wanted to work in education and enjoyed teaching Mathematics, Physics and Applied Mathematics at second level and Mathematics Education at third level. It is essential that there are more teachers of Mathematics and Science who are knowledgeable and passionate about their subjects and the Science and Mathematics Education pathways in DN200 will contribute to the next generation of well-qualified and innovative teachers."

Dr Aoibhinn Ní Shúilleabháin Staff



Practical class and teaching mathematics.

Applied Mathematics, Mathematics & Education

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

Why is this course for me?

If you're interested in mathematics and applied mathematics, and think you might like to teach these subjects at post-primary level, then this course may be for you. It's designed so that from the start, you study mathematics and applied mathematics, along with education, in an integrated manner. In third year, you will gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Applied Mathematics, Mathematics & Education leads directly to the one-year MSc in Mathematics and Science Education. On completion of both degrees, you are fully qualified to teach Applied Mathematics and Mathematics to Higher Level Leaving Certificate Level.

What will I study?

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

First Year
Mathematics • Applied Mathematics • Education • Elective modules

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

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 taking a class. During the last two years of the course, students are assigned 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**

CAO Points Range 2016 **510—625**

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

DN200 Places **400**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

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 H4 in Leaving Certificate Mathematics, or equivalent.

Other courses of interest

Biology, Mathematics & Education →117
Chemistry, Mathematics & Education →122
Physics, Mathematics & Education →134

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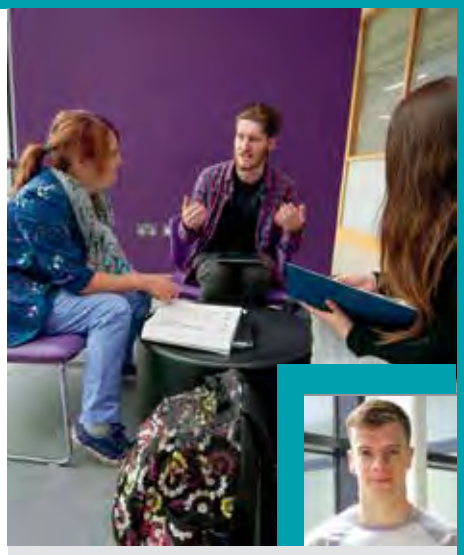
Physics, Mathematics & Education

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



Students discussing how to prepare a physics class.

"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 plan to further my studies to MSc level, where I hope to qualify as a post-primary education teacher. 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

CAO Code **DN200**

CAO Points Range 2016 510—625

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

DN200 Places 400

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in Mathematics
- O3/H6 in a laboratory science (Applied Mathematics 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.myucd.ie/applying-to-ucd

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

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

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 H4 in Leaving Certificate Mathematics, or equivalent.

Other courses of interest

Applied Mathematics, Mathematics & Education	→133
Biology, Mathematics & Education	→117
Chemistry, Mathematics & Education	→122

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 modules

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

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 taking a class. During the last two years of the course, students are assigned 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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"One of the most important aspects of the degree was the six-month work placement during third year. It provided excellent exposure to the working environment and gave a taste of what it is like to work as an actuary. Another advantage is the small class size. The class is a tight-knit group and this is important during the degree and in the work environment afterwards. I now work in Regulation and my role involves reviewing reports on insurers' pricing, reserving and risk management processes. The work can be challenging and actuaries are constantly updating their knowledge and skills to adapt to the changing environment with the introduction of new regulations and greater emphasis on risk management after the financial crisis in 2008."

Marie Bradley Graduate,
FSAI, Senior Actuary at Central Bank of Ireland

Actuarial & Financial Studies

BAFS (Hons) (NFQ Level 8)

CAO Code **DN230**

CAO Points Range 2016 560—625

Length of Course 4 Years

DN230 Places 47

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H2 in Mathematics
- O6/H7 in English, Irish and three other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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 increasing moving into wider fields, where they can employ their multi-disciplined approach.

What will I study?

This is a sample pathway for a degree in Actuarial & Financial Studies. Subjects include accountancy, finance, mathematics, information management and statistics.

First Year
Mathematics • Economics • Statistics • Accounting • Computer Science • Elective modules

Second Year
Actuarial & Financial Studies • Elective modules

Third Year
Actuarial & Financial Studies includes a six-month supervised professional placement in insurance and financial institutions in Ireland, the UK or the USA

Fourth Year
Actuarial & Financial Studies.

The Actuarial & Financial Studies 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, 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

Should you achieve a sufficiently high standard in the degree, you'll gain some (or all) exemptions from the Core Technical series examinations (CT1:8) as well as the Core Applications CA1 examination of the Institute and Faculty of Actuaries.

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

Commerce →98
Economics & Finance →101
Financial Mathematics →124

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www.ucd.ie/**myucd/actuarialandfinancialstudies**

Computer Science

BSc (Hons) (NFQ Level 8)

"Visualising a goal" as part of a Computer Science module in Project Management.

"It took me a while to realise I wanted to study Computer Science. In school I was very interested in Maths and problem solving and for a while, a Maths degree topped my CAO. After I found out more about Computer Science, I realised that it could provide me with an outlet for my love of problem solving with a practical element too. I picked UCD because I liked that their degree had more software elements than others, whilst still remaining balanced. I completed a Summer Internship after third year with Deloitte in their Technology Consulting department. For my Fourth Year project, I chose to develop a web application called Helping Hand. It connects people with others in their locality to get help with small favours such as asking for a drop of milk. When I graduate, I plan to return to Deloitte in a full-time position."
Clíodhna Connolly Student

CAO Code **DN201**

CAO Points Range 2016 485—585

Length of Course 4 Years

DN201 Places 105

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- 03/H6 in Mathematics
- 06/H7 in English, Irish.
  and three other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Commerce →98
Applied & Computational Mathematics →123

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. Computer scientists have advanced data compression technology that inspired the digital media revolution, e.g. DVDs, mp3s and YouTube video streaming.

What will I study?

This is a sample pathway for a degree in Computer Science. Topics include advanced software engineering, mobile application development, networks and Internet systems and web multimedia. Students learn programming languages such as Java, Perl and Ruby; markup languages such as HTML, XML; Internet technologies such as ASP, PHP and Flash; and graphics languages such as OpenGL and VRML. Students will also use both Windows and Linux/Unix operating systems.

First Year
Computer Science • Mathematics • Elective modules

Second Year
Computer Science • Mathematics • Elective modules

Third Year
Computer Science (UCD School of Computer Science & Informatics runs a research summer internship programme and students can apply for summer and longer internships in companies such as Google, Microsoft and IBM) • Elective modules

Fourth Year
Computer Science (includes a research 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, digital circuit designer, systems administrator or manager, and IT consultant. Many 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.

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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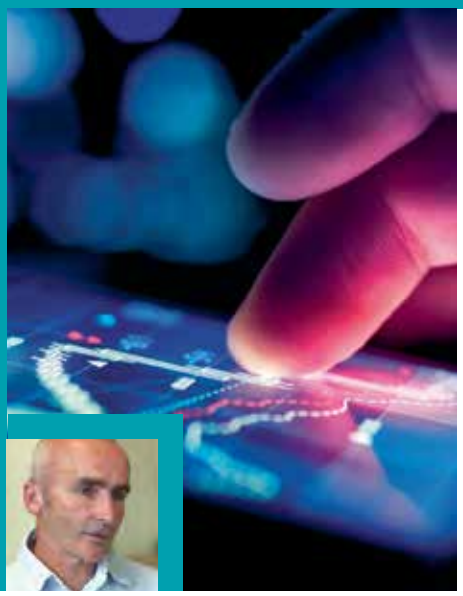
Professor Cunningham is Head of the School of Computer Science and Professor of Knowledge and Data Engineering. He has been involved in research in Data Analytics for over 20 years and has published over 200 papers in the area. He is a founding director of the Insight Centre for Data Analytics (insight-centre.org) and the Centre for Applied Data Analytics (ceadar.ie) both located in UCD. Through CeADAR and Insight, the UCD School of Computer Science collaborate with over 70 companies on Data Science research.

Professor Pádraig Cunningham
Staff



Computer Science with Data Science

BSc (Hons) (NFQ Level 8)

CAO Code **DN201**

CAO Points Range 2016 485—585

Length of Course 4 Years

DN201 Places 105

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- O3/H6 in Mathematics
- O6/H7 in English, Irish.
  and three other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

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

Mature Entry Route
See www.ucd.ie/maturestudents

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 Panda.

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 modules

Second Year
Computer Science • Mathematics • Elective modules

Third Year
Computer Science • Data Science • Elective modules

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)
- Internet companies such as Google, PayPal and Facebook
- Established ICT companies such as IBM, Microsoft and Intel
- ICT Startups

Graduates can also pursue a range of MSc or PhD programmes such as the MSc Computer Science (Negotiated Learning) or the MSc Digital Forensics and Cybercrime Investigation.

International Study Opportunities

Universities that students have visited to date include the University of Auckland, New Zealand, the University of California, Irvine, USA, and Fudan University, Shanghai, China.

Other courses of interest

Actuarial and Financial Studies →135
Computer Science →136
Theoretical Physics →131

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Medicine

Medicine	**139**
Medicine (Graduate Entry)	**141**
Biomedical, Health & Life Sciences	**142**

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

Why UCD Medicine?

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

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

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

Your First Year Experience

In your first year, you will be introduced to the science of medicine, which underpins our biomedical and clinical curriculum. You will also be introduced to ethical, societal and technological issues relevant to the practice of medicine.

Teaching methods include lectures, small group sessions, practicals and tutorials.

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

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

"Starting on my clinical placement has been by far the most interesting part of the course. It's fascinating to see the things we've studied in text books and lectures actually happening, and we get to be really involved in patient care, so each day is different. I would say hands-down it's the best decision you will ever make. I've met so many great friends and the entire college experience has been so rewarding."

Niamh Crotty Graduate

Medicine

MB, BCh, BAO (Hons) (NFQ Level 8)

CAO Code **DN400**

CAO Points Range 2016 540—625
HPAT Score Range 2016 167—222
Combined Range 2016 730—777
Length of Course 6 Years[1]
Places 90

[1] Applicants who accept a place in DN400 and who have previous third level credits may apply for Recognition of Prior Learning. Applicants may be granted exemption from some or all of stage 1.

For general entry requirements see page 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subjects

Minimum **480 CAO points** or equivalent, which **must** be achieved in the same examination sitting as subject matriculation requirements

Plus HPAT admission test. For scoring details see: **www.ucd.ie/registry/admissions/DN400_HPAT.html**

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

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 facilitate your learning. You will also benefit from a diverse range of exciting international placement opportunities.

What will I study?

First Year
Focuses on core sciences and their application to Medicine. Highlights include:
Chemistry • Biology • Physics • Genetics • Human Ethics • Healthcare Imaging • Science Medicine & Society

Second Year
Focuses on the structure and function of healthy organ systems.
Highlights include:
Anatomy Dissection • Interviewing patients in the community

Third & Fourth Year
Complete the study of organ systems in health and disease.
Begin clinical attachments. Highlights include:
Pathology • Microbiology • Pharmacology • Neurosciences • Clinical Skills and attachments in hospitals • Clinical Diagnosis & Therapeutics • Respiratory Diseases

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/**.

Assessment methods include end-of-semester exams, practicals and continuous assessment.

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.

Other courses of interest

Biomedical, Health & Life Sciences →142
Radiography →144
Physiotherapy →154
Science →103

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Studying UCD Medicine

Year 1 — Engage with the principles

SCIENTIFIC PRINCIPLES OF HUMAN HEALTH

- Physical Sciences
- Genetics
- Social & Ethical Concepts
- Cellular & Human Biology

Year 2 — Refine your knowledge

UNDERSTANDING HEALTHY ORGAN SYSTEMS

- Anatomy
- Histology
- Biochemistry
- Physiology

CLINICAL CONCEPTS

- Health Informatics/Basic Clinical Skills/Public Health

Graduate Entry to Medicine (GEM)
Two years

Years 3 & 4 — Apply your knowledge

UNDERSTANDING HUMAN DISEASE

- Anatomy & Physiology
- Pathology
- Clinical Pharmacology
- Microbiology

CLINICAL & PROFESSIONAL CONCEPTS

- Clinical Skills Diagnosis & Therapeutics
- Disability Studies Professionalism Ethics
- ENT & Ophthalmology/ Therapeutics

Years 5 & 6 — Prepare for professional practice

HOSPITAL & COMMUNITY BASED ADVANCED CLINICAL PRACTICE

- Medicine
- Surgery
- Paediatrics
- Obstetrics & Gynaecology
- Psychiatry
- General Practice
- Legal Medicine
- Public Health Medicine
- International study abroad option
- Professional Completion including Subinternship

MB, BCh, BAO (Honours)

Specialise through UCD graduate study

Master's (Research) & PhD

Translational Research MSc, MCh, PhD:

- Vascular Disease & Diabetes
- Infection & Inflammation
- Biological Imaging

Doctor

Internship alongside UCD Certified 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...

"My time at UCD has been both academically stimulating and personally rewarding. From student research competitions to Hospitals Rugby and more, the University, and the Graduate Entry Medicine programme in particular, caters for all interests. Entering clinical years has allowed me to focus my career goals and gain a true appreciation for a patient-centred approach to medicine. There is a real sense of camaraderie among my classmates and their support and that of the faculty is tremendous. I look forward to my upcoming summer electives in North America, and then my return to UCD for my final year. I'm delighted to say that my experience has been nothing but positive and I know that UCD Medicine has fully prepared me for my medical career."

Hilary Dowdall Graduate

Medicine (Graduate Entry)

MB, BCh, BAO (Hons) (NFQ Level 8)

CAO Code **DN401**

GAMSAT Score Range 2016 **59— 72**

Length of Course **4 Years**

Places **77**

Entry Requirements

Minimum grade of second-class honours, grade 1 (2.1) in first Honours Bachelor's degree (NFQ Level 8). The degree can be in any discipline.

All applicants will be required to submit a current GAMSAT score. Places are awarded via the CAO on the basis of GAMSAT scores. Although only graduates are eligible to apply for this programme, the graduate Medicine degree is equivalent in standard to the undergraduate Medicine degree.

Fees Please refer to **www.ucd.ie/fees**

Further information on application process: **See Entry to Medicine in Student Resources section on www.cao.ie**

Non-EU Applicants **See www.ucd.ie/myucd/noneu**

Mature Entry Route **None**

Health Screening & Garda Vetting **See page 197**

Why is this course for me?

UCD Graduate Entry Medicine (GEM) provides an innovative, science-driven and patient-centred curriculum, delivered by world-class educators in state-of-the-art facilities.

The main hospitals associated with our programme are St Vincent's University Hospital and the Mater Misericordiae University Hospital. In addition, there are more than 20 other training hospitals and more than 100 primary care practices that facilitate your learning.

This intensive, focused course is designed for students with an undergraduate degree who wish to pursue a career in medicine.

What will I study?

First & Second Year

In the first semester, you'll take a series of modules that introduce the application of medical science to the study of biological systems and disease. You'll also learn the clinical skills needed for the rest of the programme. The remainder of the first two years integrates the medical science disciplines, while gradually expanding your professional capabilities in a clinical environment.

Third & Fourth Year

In the final two years, hospital and community placements with structured clinical education complete your degree. During your clinical training, you'll participate in a series of specialist rotations, including medicine, surgery, psychiatry, obstetrics and paediatrics. Finally, you'll undertake our acclaimed Professional Completion module to integrate your knowledge and prepare you for life as an intern.

Learning methods include lectures, small group sessions, practicals and enquiry-based learning in the classroom and at the bedside.

Career & Graduate Study Opportunities

Graduates of the School have achieved worldwide recognition in clinical practice, research and healthcare leadership. Upon graduation, you must complete one year as an intern to gain full registration with the Irish Medical Council. You may then pursue training towards a career in a wide variety of specialties, in diverse settings, including hospitals and primary care facilities, or laboratory-based diagnosis and research.

International Study Opportunities

Our international network offers students exciting opportunities to gain experience overseas. Scholarships are available to support elective periods in clinical and academic centres all over the world.

Other courses of interest

Veterinary Medicine (Graduate Entry) →178

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Biomedical, Health & Life Sciences

BSc (Hons) (NFQ Level 8)

"Biomedical Health and Life Sciences is a unique course that has surpassed my expectations. The large choice of classes allowed us to delve into our own particular area of interest, while giving us an insight into both the scientific and medical aspects of treating human illnesses. Our degree focused on the "bench to bedside" approach of treating diseases, where we work as part of a larger, inter-disciplinary health care system. Other opportunities, such as voluntary summer research electives and a fourth year research project, really enhanced our learning experiences. A twelve-week research project also allowed us to put our academic and practical knowledge to use. I regard my decision to study this course in UCD as the right choice, and I feel well equipped to participate and contribute to the world of medical research during these exciting times."

Jane Bugler Graduate

CAO Code **DN440**

CAO Points Range 2016 540—600

Length of Course 4 Years

Places 40

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
06/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Other courses of interest

Medicine	→139
Physiotherapy	→154
Science	→103
Veterinary Medicine	→176

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'll 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'll not only take modules in:
Clinical Human Anatomy • Translational Research • Basic Tissues & Early Development • Genetics Cell Biology,

you'll also start to learn about translational research and the influence of science and medicine on society.

Second & Third Year

You'll continue with modules in Cell Biology, Biochemistry, Pharmacology and Physiology. You'll also start to integrate modules focusing on specific diseases and disease processes, in order to learn more about the development of new, more effective means of diagnosing, treating and preventing illness. Supporting modules include:

Biostatistics • Neuroscience • Laboratory Skills • Cardiac/Vascular Biology • Pharmacology/Biochemistry • Renal Biology • Bioinformatics Genetics & proteomics • Mechanisms of disease • Endocrine, renal and reproductive pharmacology • Central nervous system diseases.

Fourth Year

You'll 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'll take modules in:
Cloning, gene therapy and stem cells • Advanced neurochemistry • Drug discovery & development • Clinical biomarkers • Genetics, disease & behaviour.

You'll have the opportunity to be involved in peer-reviewed abstracts and publications and to present at national and international meetings.

You'll experience an innovative mix of learning methods, including lectures, small group tutorials, research projects and laboratory-based learning.

Assessment methods include end-of-semester exams, continuous assessment, report writing and oral presentations.

Career & Graduate Study Opportunities

Typically, graduates will follow scientific careers in biomedical research, undertaking MSc and PhD higher degrees. They also have a high success rate for entry to Graduate Entry Medicine programmes and pursue opportunities in the pharmaceutical and biotechnology industries, as well as other areas allied to health.

www.ucd.ie/**myucd/med**

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Radiography

Do you care about helping others with your skills and knowledge?

Radiography is a caring profession that also calls for considerable technological expertise. It has come a long way since its birth in 1895, when X-rays were discovered. Today it is central to modern healthcare systems and involves working with rapidly evolving technologies – with patient diagnosis, treatment and care at its core. Radiography also offers graduates exceptional employment opportunities and exciting pathways for progression and further study.

Why UCD Radiography?

UCD is one of Europe's leading centres of excellence for radiography and diagnostic imaging. You will follow an innovative curriculum that is constantly evolving to meet the needs of modern healthcare. The programme is 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 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.

This 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 pursue healthcare or other elective modules, and to experience everything university life has to offer.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Radiography

BSc (Hons) (NFQ Level 8)

"I found my first year in Radiography to be one of the most interesting, challenging and enjoyable experiences of my life to date. I had the advantage of being in a small class where everyone knows one another, and having great lecturers who make our subjects interesting and are always willing to help. As well as lectures and labs, we undertook clinical work placement in the university hospitals. During this time, we practised what we'd learnt, while gaining hands-on experience working under the supervision and mentorship of our clinical tutors. I found this practical reinforcement of knowledge helpful and also very rewarding as I could see the relevance and importance of everything I was learning."

Emily Doyle
UCD Ad Astra Performing Arts Scholar, graduated 2015.

CAO Code **DN410**

CAO Points Range 2016 525—605

Length of Course 4 Years

Places 95

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
See O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Other courses of interest

Physiotherapy →154
Science →103

Why is this course for me?

Radiographers are responsible for producing high-quality images to assist in the diagnosis and treatment of disease. While radiography is a caring profession, it's also one that requires considerable technological and scientific expertise in both the production of images and the responsible delivery of ionising radiation. If you're interested in science and you want to use your knowledge to care for people, Radiography at UCD may be a perfect fit for you.

Our aim is to prepare graduate radiographers to meet the everyday challenges arising from ongoing advances in diagnostic imaging and healthcare.

What will I study?

Throughout this programme you'll undertake modules in Technology of Radiography, Practice of Radiography and Clinical Practice of Radiography.

First Year
Anatomy • Practice of Radiography • Introduction to Radiographic Technology • Clinical Placement • Clinical Applications of Radiation • Elective modules

Second Year
Anatomy • Physiology • Practice of Radiography • Imaging Technology • Elective modules • Clinical placement

Third Year
Advanced Practice of Radiography • CT/ Ultrasound • Introduction to Research • Mechanisms of Disease • Elective modules • Clinical placement

Fourth Year
Practice of Radiography: Professional completion • Legal Medicine • Magnetic Resonance Imaging • Nuclear Medicine • Research project • Systematic Pathology • Erasmus opportunities • Clinical placement

Learning methods include lectures, small group tutorials, interactive demonstrations and hands-on clinical learning at UCD and our nationwide hospital network.

Assessment methods include practical skills-based exams, image-based tests, continuous assessment, report writing and oral presentations.

Professional Work Experience

Radiography will first be demonstrated in UCD's own imaging facilities, before you progress to performing examinations on patients. Teaching hospitals also participate in your training and you'll work alongside radiography colleagues to learn and refine your professional skills.

Career & Graduate Study Opportunities

Diagnostic imaging is a growth area in Ireland and internationally. All graduates in the past five years have obtained employment as radiographers. As well as the traditional hospital-based career, some radiographers are employed as applications or sales specialists.

An increasing number of graduates are now undertaking PhD studies. Diagnostic imaging offers successful graduates exciting opportunities to pursue research and/or to develop specialist clinical skills.

International Study Opportunities

Erasmus opportunities exist in fourth year, where you may spend a three-month period in one of our current partner institutions in Austria, Belgium, Finland, Greece, the Netherlands, Norway, Malta, Portugal, Slovenia, Sweden and the UK. Further elective opportunities to the USA are also available at various stages within the programme.

www.ucd.ie/**myucd/rad**

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Studying UCD Radiography

Year 1 — Engage with the principles

- Practice of Radiography
- Technology of Radiography
- Radiography Clinical Practice
- Clinical Human Anatomy
- Science of Radiation

Years 2 & 3 — Refine your knowledge

- Practice of Radiography
- Technology of Radiography
- Radiography Clinical Practice
- Physiology & Disease Processes
- Research

Year 4 — Prepare for professional practice

- Practice of Radiography: Professional completion
- Research
- Pathology
- Optional international study abroad
- Radiography Clinical Practice

BSc Radiography (Honours)

Specialise through UCD graduate study

Taught Graduate Programmes

Professional Certificates

Forensic Radiography
IV Cannulation/Administration
Radiation Safety
Non-Accidental Injury
Intra-Orbital Foreign Body Screening
Dual Energy X-ray Absorptiometry
Paediatric Imaging
Child Protection

Graduate Certificates

Fertility Ultrasound
Interventional Radiography
Mammography
Obstetric Ultrasound
Paediatric Radiography
RIS/PACS Management

Graduate Diplomas

Computed Tomography
Magnetic Resonance Imaging

Master's (Taught & Research) & PhD

Themes include

Computed Tomography
Magnetic Resonance Imaging
Mammography
Medical Imaging Research
Child Welfare & Protection
Radionuclide/PET Imaging
Ultrasound

Radiographer

State Registration: CORU Radiographers Registration Board

CORU CPD requirements require evidenced activity and a broad range of appropriate CPD is advised for all radiographers on a continuing basis.

Shape your career with UCD Diagnostic Imaging

Career Opportunities

Clinical Specialist Radiographer
Radiography Services Manager
Clinical Practice Tutor
Lecturer
Researcher
Applications Specialist

Continue to develop your professional career with UCD...

Nursing & Midwifery

Nursing (General)	**148**
Nursing (Children's & General)	**149**
Nursing (Mental Health)	**150**
Midwifery	**151**

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

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

At UCD, you will also have a unique opportunity to engage in hands-on clinical practice at one of our specialist partner hospitals, including St Vincent's Healthcare Group (incorporating St Michael's Hospital), the Mater Misericordiae University Hospital, the National Maternity Hospital, Our Lady's Children's Hospital and Saint John of God Hospital, and also in a variety of other *IEHG clinical sites during the programme to meet the requirements of the professional body.

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

Why UCD Nursing & Midwifery?

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

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

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

Your First Year Experience

As a first year UCD student nurse or midwife, you will receive all the support you need to enjoy your first taste of college life. From your first day on the programme, 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)**

- Mater Misericordiae University Hospital
- St Vincent's University Hospital
- 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

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Studying UCD Nursing or Midwifery

Year 1 — Engage with the principles

Biological Sciences	Social Sciences	Behavioural Sciences
CORE SUBJECT	CORE SUBJECT	CORE SUBJECT

Nursing or Midwifery Science

Clinical Practice — hospital & community

Years 2 & 3 — Develop your knowledge & skills for clinical practice

Biological Sciences	Social Sciences	Behavioural Sciences
CORE SUBJECT	CORE SUBJECT	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 Certificate
- Graduate Certificates
- Graduate Diplomas
- MSc (Nursing)
- MSc (Midwifery)

Research Degrees

- MSc (Research)
- Doctor of Nursing (DN)
- Doctor of Midwifery (DM)
- Doctor of Philosophy (PhD)

Registered General Nurse (RGN)

Registered Midwife (RM)

Registered Psychiatric Nurse (RPN)

Registered Childrens Nurse (RCN)

Shape your career with UCD Nursing or Midwifery

Career Opportunities

- Clinical Nurse/Midwife Specialist
- Clinical Nurse/Midwife Manager
- Nurse/Midwife Educator
- Advanced Nurse/Midwife Practitioner
- Researcher
- Lecturer

Continue to develop your professional career with UCD...

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

Neasa Corkery Graduate

Nursing (General)

BSc (Hons) (NFQ Level 8)

CAO Code **DN450**

CAO Points Range 2016 420—570

Length of Course 4 Years

Places 169

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Other courses of interest

Nursing (Mental Health)	→150
Nursing (Children's & General)	→149
Medicine	→139

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'll 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
Transition to University • Foundations of Nursing • Biosciences • Psychology • Practice experience in a hospital setting for approximately 10 weeks

Second & Third Year
Medical-Surgical Nursing Care • Pharmacology • Biopsychosocial Approaches to Health • Ethical and legal context for practice • Specialist clinical placements, such as intensive care and maternity care

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

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

Professional Clinical Experience

This takes place primarily in the St Vincent's Healthcare Group or the Mater Misericordiae University Hospital, and in numerous other clinical sites within the Ireland East network. These clinical placement locations are centres of excellence, where you'll work with multidisciplinary teams to provide first-class, patient-centred care.

Career & Graduate Study Opportunities

Completing this degree qualifies you as a Registered General Nurse. You can work in acute and chronic care in a variety of medical and surgical settings. There are also career prospects for nurses to work in education, research or management, as well as excellent opportunities to build on your experience through work abroad.

In addition, you can pursue further studies at higher diploma, graduate diploma, Master's and Doctorate level.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a semester.

See **www.nmhs.ucd.ie/study-with-us/erasmus**.

** Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.*

www.ucd.ie/**myucd/nursing**

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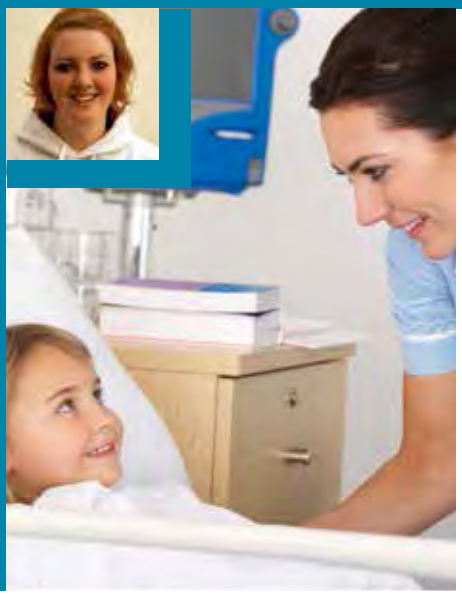
facebook.com/**ucdschoolofnursingmidwiferyandhealthsystems**

"I'm so happy I chose to study in UCD. It has such a fantastic student atmosphere, and brilliant facilities, societies and clubs. I've always known I wanted to work with children, and this course is perfect. With great staff members, both in UCD and in the clinical areas, it provides a wonderful learning opportunity in a friendly environment. The course has a good balance of clinical placement and lectures, providing both knowledge and practical experience. There are so many opportunities for me upon graduation, both in Ireland and abroad, and I'm excited for my future as a Registered Children's Nurse and a Registered General Nurse."

Molly O'Toole Student



Nursing (Children's & General)

BSc (Hons) (NFQ Level 8)

CAO Code **DN451**

CAO Points Range 2016 485—580

Length of Course 4.5 Years

Places 33

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

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

Transition to University • Scientific Principles • Foundations of Nursing • Psychology • Interpersonal Skills • Practice experience in a hospital setting for approximately 10 weeks

Second & Third Year

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

Fourth Year

Health and well-being – a sociological context for nursing • Management & Quality Improvement • Evidence-Based Practice in Healthcare • Clinical placement/internship

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

Professional Work Experience

The majority of clinical learning takes place in our affiliated partner hospitals, all of which are national specialist centres of clinical excellence: Our Lady's Children's Hospital, the Mater Misericordiae University Hospital, St Vincent's Healthcare Group, and in numerous other clinical sites within the Ireland East Hospital Group.

Career & Graduate Study Opportunities

Completing this degree qualifies you as both a Registered General Nurse and a Registered Children's Nurse. Your future professional role can extend beyond clinical practice to encompass education, research and management. There are also excellent work and travel opportunities in Ireland and throughout Europe, North America, Australia and New Zealand. Your continuing professional education may also include studies at higher diploma, graduate diploma, Master's and PhD level.

International Study Opportunities

You may have the opportunity to study in a choice of European locations for a semester between stages 2 and 4.

See **www.nmhs.ucd.ie/study-with-us/erasmus**.

** Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.*

Other courses of interest

Nursing (General) →148
Nursing (Mental Health) →150
Medicine →139

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www.ucd.ie/**myucd/nursing**

"I could not be happier with my decision to study mental health nursing. I am nearing the end of first year and I have loved every second of it. The academic side is challenging but the lecturers and personal tutors are a big support. Nevertheless, what I absolutely adore is the clinical side. I love how we are immediately plunged into the hospital setting to put our theory into practice. Mental Health Nursing is not for the faint of heart but I would recommend this course to anyone with the desire to help other people."

Ejiro Emonina Student

Nursing (Mental Health)

BSc (Hons) (NFQ Level 8)

CAO Code **DN453**

CAO Points Range 2016 385—455

Length of Course 4 Years

Places 20

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Other courses of interest

Nursing (General)	→148
Nursing (Children's & General)	→149
Midwifery	→151
Medicine	→139

Why is this course for me?

If you want to care for the psychological, social, physical 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'll learn 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.

You will learn from lecturers and Registered Psychiatric Nurses who practise predominantly within Saint John of God Hospitaller and Cluain Mhuire Services.

What will I study?*

You'll experience a variety of teaching methods as you establish a strong foundation in mental health nursing practice. These include role-play, small group discussions, workshop simulations and lectures. You'll undertake clinical and theory modules, including:

First Year
Transition to University • Foundations of Mental Health Nursing • Biosciences • Psychology • Nursing practice experience in a hospital setting for 10 weeks

Second & Third Year
Specialist Care Groups • Community Care • Therapeutic Interventions in Mental Healthcare • Specialist clinical placements, including substance misuse and child and adolescent psychiatry

Fourth Year
Promoting Health • Serious & Enduring Mental Illness • Extremes of Age in Mental Health • Management & Quality Improvement • Evidence-Based Practice in Healthcare • Clinical placement/internship

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

Professional Clinical Experience

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

Career & Graduate Study Opportunities

Qualifying is the beginning of an exciting and rewarding career, as it opens up opportunities for travel and work abroad. Career prospects in Ireland are also increasing. Due to the evolving role of mental health nursing in modern healthcare systems, many nurses now choose to specialise in areas such as addiction, forensics and child mental health. You can also pursue further specialist qualifications through graduate diplomas, and Master's and PhD degrees.

International Study Opportunities

In second year, you have the opportunity to study in Europe for a semester.

See **www.nmhs.ucd.ie/study-with-us/erasmus**.

** Please Note: Curriculum may be subject to change in line with NMBI Nurse Registration Programmes Standards and Requirements.*

www.ucd.ie/**myucd/nursing**

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

Deirdre Kane Student

Midwifery

BSc (Hons) (NFQ Level 8)

CAO Code **DN452**

CAO Points Range 2016 480—595

Length of Course 4 Years

Places 22

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

KEY FACT
Over 95% of our students who qualified in 2015 were immediately offered contracts of employment, allowing them to gain valuable experience as registered midwives.

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

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

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

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

Professional Clinical Experience

You'll attend clinical placements in the internationally renowned National Maternity Hospital (NMH) or a linked maternity unit in the Ireland East Hospital Group (IEHG) in order to gain first-hand experience. You may also choose a midwifery placement during second year in National Maternity Hospital - Holles St., Wexford General, Midland Regional Hospital Mullingar, St Luke's General Hospital, Kilkenny. You can also avail of a placement with the community midwives from either the NMH or Wexford General Hospital.

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

Nursing (General)	→148
Nursing (Children's & General)	→149
Nursing (Mental Health)	→150
Medicine	→139

UCD Nursing, Midwifery & Health Systems
Programme Office
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ucdschoolofnursingmidwiferyandhealthsystems

www.ucd.ie/**myucd/nursing**

Physiotherapy

As a qualified UCD physiotherapist, you will be in a position to pursue one of the most rewarding of careers. You will provide services to people to develop, maintain and restore their maximum physical health and movement, and ultimately improve their quality of life.

Why UCD Physiotherapy?

The full-time UCD BSc Physiotherapy degree programme is fully accredited by the Irish Society of Chartered Physiotherapists. As a student of Physiotherapy at UCD, you will benefit from the modern and progressive facilities at the School itself, as well as the UCD Institute for Sport and Health. The Institute includes two state-of-the-art research laboratories where you can comprehensively study the physiological and biomechanical analysis of human performance in health and sport.

In our fully equipped clinical skills laboratories, you will also benefit from clinical teaching in small groups, where you will acquire skills under the tuition of highly qualified staff. In addition to campus-based learning, you will gain practical hands-on experience through clinical placements in UCD teaching hospitals and other clinical centres throughout Ireland. There are opportunities to study abroad for a semester, as part of an Erasmus exchange programme, and to undertake clinical placements in Europe, Africa, the USA, Canada, South America, Australia and New Zealand.

Your First Year Experience

Your first year in Physiotherapy will cover a broad spectrum of basic, applied and clinical sciences. These modules will provide you with the core knowledge you require for your degree course. You can also choose elective modules, which give you the freedom and flexibility to explore other areas that interest you.

During first year, the teaching takes place mainly in the UCD Health Sciences Centre. While lectures take place in large groups, all hands-on practical physiotherapy classes are in small groups in the specially designed clinical skills laboratories. Towards the end of the year, you will have the opportunity to spend time in a clinical setting, where you can put theory into practice.

This is also the ideal time to join some of UCD's many clubs and societies, and experience everything that university life has to offer.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Studying UCD Physiotherapy

Year 1 — Engage with the principles

- Anatomy & Kinesiology
- Physiology
- Basic Physiotherapy Professional Practice
- Physics & Biomechanics
- Chemistry/Biochemistry
- Exercise

Years 2 & 3 — Refine your knowledge

- Neurology
- Musculoskeletal
- Cardiorespiratory
- Applied Physical Agents
- Biomechanics
- Clinical Skills
- Intermediate Physiotherapy Professional Practice
- Exercise
- Psychology/Sociology
- Research

Year 4 — Professional practice

- Clinical Specialities & Pain
- Pharmacology
- Sports Exercise Physiotherapy
- Optional International Professional Practice Abroad
- Advanced Physiotherapy Professional Practice
- Legal Medicine
- Research Project

BSc Physiotherapy (Honours)

Specialise through UCD graduate study

Taught Clinical Specialist Programmes

- MSc/Graduate Diploma in Neuromusculoskeletal Physiotherapy
- MSc/Graduate Diploma in Sports Physiotherapy
- MSc/Graduate Diploma/Certificate in Advanced Physiotherapy Studies

Research

- MSc
- PhD

Eligibility for registration as a Chartered Physiotherapist

Shape your career with UCD Physiotherapy

Career Opportunities

- Public Health Service
- Private Practice & Hospitals
- Sport & Leisure
- Industry
- Health Promotion
- Education & Research
- Non-Governmental Agencies

Continue to develop your professional career with UCD...

"I chose to go to UCD because of its variety of subjects, both within my chosen course and in languages and music through *UCD Horizons*, and the range of clubs and sports available. The UCD Physiotherapy programme is being continuously improved and student feedback is actively encouraged, which resulted in a very positive academic experience that was student oriented. I had the opportunity to complete a clinical placement in Canada, and to work as a student physiotherapist at the Dublin City Marathon and with UCD sports teams."

Aileen Murray Graduate

Physiotherapy

BSc (Hons) (NFQ Level 8)

CAO Code **DN420**

CAO Points Range 2016 **550—625**

Length of Course **4 Years**

Places **56**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Graduate Entry Route:
See www.ucd.ie/registry/admissions/GradPhysio.html

Health Screening & Garda Vetting
See page 197

Other courses of interest

Health & Performance Science	→157
Medicine	→139
Biomedical, Health & Life Sciences	→142
Nursing (General)	→148

Why is this course for me?

This course leads to one of the most rewarding careers in healthcare: Chartered Physiotherapist. Physiotherapy is the study and application of the scientific knowledge and professional skills required for the promotion of optimal health and well-being of adults and children through physical means. In addition to UCD-based learning, you'll spend over 1,000 hours on supervised clinical education in hospitals and clinical centres throughout Ireland and abroad (optional). UCD's full-time BSc Physiotherapy degree is accredited by the Irish Society of Chartered Physiotherapists, and will appeal to students who enjoy science and caring for people.

What will I study?

This is an overview of the modules in the programme, progressing from the basic and applied sciences in first year, to clinical skills in second and third year, and preparation for professional practice in fourth year.

First Year
Anatomy • Physiology • Physics • Biomechanics • Introduction to Professional Physiotherapy Practice • Exercise Science • Elective modules

Second Year
Basic Musculoskeletal, Cardiorespiratory & Neurological Physiotherapy • Psychology • Physiotherapy Clinical Education • Elective modules

Third Year
Intermediate Musculoskeletal, Cardio-respiratory & Neurological Physiotherapy • Clinical Exercise • Physiotherapy Clinical Education • Sociology

Fourth Year
Professional Physiotherapy Practice • Clinical Specialties • Sports Physiotherapy • Physiotherapy Clinical Education • Pharmacology • Elective modules • Dissertation

Physiotherapy students have, on average, a 35-hour week. In first and second year, you'll spend your time attending lectures and practical classes. In third and fourth year, the focus is on clinical education and advanced physiotherapy skills.

A wide variety of assessment methods is used, including continuous assessment, reflective writing, practical examinations, oral examinations, presentations and end-of-semester written papers.

Career & Graduate Study Opportunities

Graduates in Physiotherapy have found employment in different roles across the world, in:
Hospitals and private practice • Primary care • Rehabilitation centres and nursing homes • Non-governmental organisations (e.g. GOAL, Concern) • Education • Business, sport and leisure industries.

Graduates can also apply for a range of disciplinary and general graduate taught (graduate certificate, diploma and MSc) and research (MSc and PhD) programmes in Ireland and abroad.

International Study Opportunities

These currently include Erasmus programme opportunities in third year with Université catholique de Louvain, Belgium, as well as elective placement opportunities in fourth year in Europe, Africa, the USA, Canada, South America, Australia and New Zealand.

Professional Work Experience

You'll complete over 1,000 hours of supervised clinical placements in Ireland, at our partner teaching hospitals, primary care clinics and specialist centres. There are elective placements in fourth year (see International Study Opportunities above).

www.ucd.ie/**myucd/physio**

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Sport & Performance

Health & Performance Science 157

Sport & Exercise Management 158

Do you have a passion for sport? Do you want to work in an exciting global industry?

If so, UCD is the place to transform your personal interests into a rewarding career. From training athletes and improving fitness, through to managing sports organisations or working in marketing and sponsorship, you will find a Sport & Performance programme to match your aspirations.

Why UCD Sport & Performance?

The sport, health, exercise and performance fields of study can lead to a range of exciting career paths. These include running international sports federations, supporting elite athletes, inspiring children to participate in physical activities and working alongside other professionals to improve individual lifestyles.

The innovative Sport & Performance programmes at UCD allow you to specialise in sport, exercise and coaching management, or in health and human performance. With the ever-increasing popularity of sport and growing concerns about lifestyle diseases, there has never been a better time to study Sport & Performance.

Your First Year Experience

As a UCD student of Sport & Performance, you will benefit from studying in small, customised programmes that offer excellent access to internationally recognised lecturing staff and tailored support services. You will study a broad cross-section of foundation and specialist modules, which provide a comprehensive introduction to the field of sport and equip you with the skills and knowledge to succeed in your university studies.

Peer Mentors ensure you are supported through your first year and, with 55 sports clubs and almost 100 societies for you to choose from, UCD is certainly the place for you to kick-start your new profession.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Studying UCD Sport & Performance

Year 1 — Engage with the principles

Marketing & Management of Sport	Anatomy & Kinesiology	Exercise Physiology
Cultural & Legal Foundations of Sport & Development	Academic & Information Technology Skills	Chemistry & Biochemistry

Year 2 — Apply knowledge base

Economic, Event & Strategic Management of Sport	Physiology, Fitness & Biomechanics Testing	Sports & Exercise Psychology
Sports, Coaching & Exercise Management	Work Placement in Ireland or Abroad	Strength & Conditioning
Optional Study Abroad experience in the USA, Canada or Australia and New Zealand		

Year 3 — Specialise

Sport & Exercise for Health & Special Populations	Research Methods Independent Research Project	Biomechanics & Injury Management
Sports, Coaching and Exercise Management	Physical Activity, Health & Nutrition	Exercise Physiology & Exercise Performance

Degree (Honours)

BSc Sport & Exercise Management | BSc Health & Performance Science

Specialise through UCD graduate study

Taught Graduate Programmes

- MSc Sports Management
- MSc Coaching Science in Sport

Research Degrees

- MSc Sports Studies
- MSc Health & Performance Science
- PhD

Sport & Exercise Manager
Sport & Exercise Scientist

Professional Accreditation

Shape your career with UCD Sport & Performance

Career Opportunities

- Sports Development Officer
- Fitness Professional
- Facility/Operations Manager
- National/International Governing Bodies
- Exercise Physiologist
- Health Promotion
- Sport & Exercise Consultancy
- Education & Research
- Professional Athlete/ Team Sport & Exercise Science Support

Continue to develop your professional career with UCD...

"I chose to go to UCD because of the opportunity to merge my sporting commitments (Airtricity League Soccer) with my interest in sport, physical health and exercise science. The BSc Health & Performance Science degree allows me to develop a critical awareness of the scientific principles underlying the optimisation of sporting performance. The emphasis on laboratory-based work is refreshing and we've had access to the excellent facilities in the UCD Institute for Sport & Health, for modules in exercise physiology and strength and conditioning. I would definitely recommend this course to anyone with an interest in these areas."

Thomas Boyle Student
Thomas is a UCD Ad Astra Elite Athlete Scholar.

Health & Performance Science

BSc (Hons) (NFQ Level 8)

CAO Code **DN425**

CAO Points Range 2016 **495—590**

Length of Course **3 Years**

Places **40**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Why is this course for me?

Health & Performance Science focuses on the scientific principles underlying the promotion and enhancement of sport, physical health and exercise. This BSc degree addresses the application of sport and exercise science to high performance sport and to improving physical health, well-being and fitness across our life span. If you have a particular interest in how sport and exercise science can be applied across numerous disciplines, ranging from adolescents and elite athletes to specific disease populations, then this degree is for you. The programme places a large emphasis on practical skill-based teaching, giving students the opportunity to engage in active learning. This develops critical competencies in analysis, evaluation and testing.

What will I study?

Modules studied on the Health & Performance Science degree include:

First Year

Anatomy • Chemistry • Biochemistry • Physics • Exercise Physiology • Theory of Coaching • Strength & Conditioning

Second Year

Exercise Physiology • Sports Psychology • Biomechanics • Sports Nutrition • Research Methods • Exercise Prescription

Third Year

Exercise Physiology • Sports Injury Management • Sports Nutrition • Statistics • Case Study in Sports Science • Exercise Prescription • Minor dissertation (research project)

Students attend lectures and small group practical classes. Practical classes take place in both the UCD High Performance Gym and an exercise physiology laboratory, which is British Association of Sport and Exercise Sciences (BASES) accredited.

Assessment is through a combination of end-of-semester written examinations and continuous assessment. In your final year, you'll also undertake a group-based research thesis.

Career & Graduate Study Opportunities

When you graduate, you'll be skilled in the prescription and management of therapeutic exercise interventions in healthcare and sporting settings. You'll also be an expert in the analysis and evaluation of human sports and exercise performance. Graduates can find employment in:

- Sport and exercise consultancy
- Health promotion
- Professional athlete or team support
- Exercise physiology
- Strength and conditioning
- Education and research

They are also eligible to apply for MSc and PhD programmes in the UCD School of Public Health, Physiotherapy & Sports Science.

International Study Opportunities

Health & Performance Science students can apply to study abroad for a semester in the USA, Canada, Australia and New Zealand, through one of the Sport & Exercise exchange agreements.

Other courses of interest

Physiotherapy →154
Sport & Exercise Management →158
Biomedical, Health & Life Sciences →142

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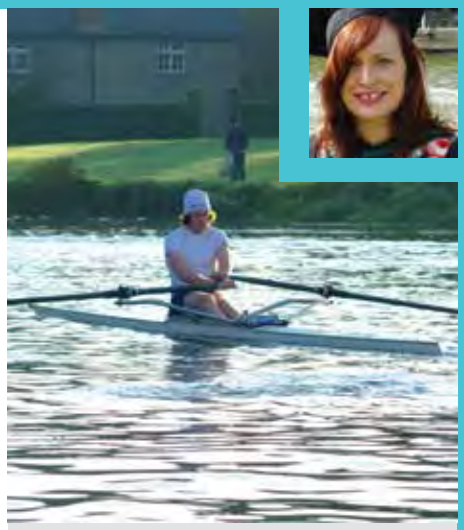
Sport & Exercise Management

BSc (Hons) (NFQ Level 8)



UCD Student Ambassador, Richard Skelly, training with UCD Boat Club on the River Liffey at Islandbridge.

"Studying Sport & Exercise Management at UCD was one of the best decisions I have made. The multidisciplinary course allowed me to explore different aspects of sports management, and the first year provided an excellent basis for working within any area of the sports industry. The work placement was an invaluable way of gaining first-hand, practical experience of my chosen career. On campus, lectures and assignments improved my interpersonal communication skills, which taught me how to work effectively in groups and encouraged me to take my own initiative and develop my leadership skills. This course has prepared me to be an effective manager within the sports industry, whilst also preparing me to continue with my studies."

Ruth Whelan Student

CAO Code **DN430**

CAO Points Range 2016 **435—505**

Length of Course **3 Years**

Places **40**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- O3/H6 in Mathematics
- O6/H7 in English, Irish, another language, and 2 other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

Why is this course for me?

The multidisciplinary nature of the BSc in Sport & Exercise Management equips students with skills in areas such as management, marketing, event planning, human resources, economics and finance, sports development and coaching. These underpin the structure and governance of sport, health and exercise programmes today. If these opportunities interest you, the combination of UCD's internationally recognised academic excellence and sporting reputation makes this degree ideal.

What will I study?

The programme offers a progressive pathway for students to specialise in second and third year. Modules include:

First Year: Learn Basic Principles
Sports Development • Theory of Coaching • Sports Legislation • Sports Marketing • Financial Management • Sports Management • Introduction to Exercise Science

Second Year: Apply Knowledge
Event Management • Economics of Sport • Sport/Health Psychology • Strategic Planning • Human Resource Management

Students specialise in one of the following:

Digital Sports Marketing • Player Development and Welfare • Fundamentals of Strength and Conditioning • Principles of Exercise Prescription

Work Placement
Students undertake a 10-week structured work placement either in Ireland or abroad, during the summer following second year. This provides invaluable practical and networking experience, which will improve employment prospects upon graduation.

Third Year: Develop Experience
Exercise and Public Health • Research Methods for Sport • Professional Skills for Sport Managers • Communication and Media in Sport.

Students study both core modules and their selected specialisation. They also undertake an individual research project, which imparts critical skills in project design and management, in response to current issues within the broader sports industry.

Students spend an average of 40 hours per week attending lectures, studying independently and preparing for assessment.

A combination of end-of-semester exams, research papers, group projects, presentations, practical experiences and in-class tests are used throughout this programme.

Career & Graduate Study Opportunities

Our graduates have a track record of employment, both nationally and internationally, in:

- Sports administration
- Sports marketing
- Event management
- Exercise management
- Private sports enterprises
- Sports development
- Coaching development

Further education opportunities are available on MSc and other graduate programmes.

International Study Opportunities

Sport & Exercise Management students can apply to study abroad for a semester in the USA, Canada, Australia and New Zealand, through one of the Sport & Exercise exchange agreements.

Other courses of interest

Health & Performance Science	→157
Physiotherapy	→154
Social Policy & Sociology	→72
Commerce	→98

www.ucd.ie/**myucd/sportperformance**

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Architecture, Planning & Environmental Policy

Architecture 161
Landscape Architecture 162
City Planning & Environmental Policy 163
Structural Engineering with Architecture 174

Why UCD Architecture/ Landscape Architecture?

UCD Architecture is Ireland's longest-established and most prestigious architecture course. It is the only course of architecture in Ireland that is accredited by the recognised professional institutes of both Ireland (Royal Institute of the Architects of Ireland – RIAI) and the United Kingdom (Royal Institute of British Architects – RIBA). The School of Architecture is also pursuing accreditation with the National Architectural Accrediting Board (NAAB) in the USA.

UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture. This course is accredited by the Irish Landscape Institute (ILI) and recognised by the International Federation of Landscape Architecture (IFLA-Europe).

Our programmes are taught in unique facilities in the Richview/Newstead buildings on the Belfield campus. These include design studios, which are at the heart of both programmes, a well-equipped workshop and building laboratory, exhibition spaces and the best architectural library in the country.

The studio programmes are largely taught by practising architects and landscape architects. These include many of the leading figures in their profession, whose work is widely recognised in national and international competitions and awards, such as the 2015 Royal Gold Medallist recipients, Sheila O'Donnell & John Tuomey.

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 media 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.

Why UCD Planning & Environmental Policy?

The UCD planning school 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. The School enjoys strong relationships with both the Royal Town Planning Institute (RTPI) and the Irish Planning Institute (IPI).

Planning and environmental policy involves understanding the world around us and building on such knowledge to create a better world. This programme gives you the skills to envisage and enable real world change.

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.

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.

Studying UCD Architecture, Planning & Environmental Policy

Year 1 — Engage with the principles

Architectural Design — Studio-based learning

- History & Theory of the Designed Environment
- Architecture & its Environment
- Architectural Technologies
- Theory & Design 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

BSc (Architectural Science) (Honours)

Optional Year Out – Experience the world of work

Years 4 & 5 — Achieve mastery of your practice

- Design Technologies
- Research & Innovation in the Designed Environment
- Professional Studies
- International study abroad options
- Architectural Design
- Research Dissertation
- Reflective Portfolio
- Master's Design Thesis

MArch (Honours)

Specialise through UCD graduate study

Master's (MArchSc – Taught/Research) & PhD

- Sustainable Building Design & Performance (taught)
- Conservation & Heritage (taught)
- Urban Design (taught)
- Landscape Studies (taught)
- Irish and European Landscape and Urbanisation (research)
- History and Theory of Architecture (PhD)

Diploma in Professional Practice

Professional Architect

Shape your career with UCD Architecture

Alternative Careers

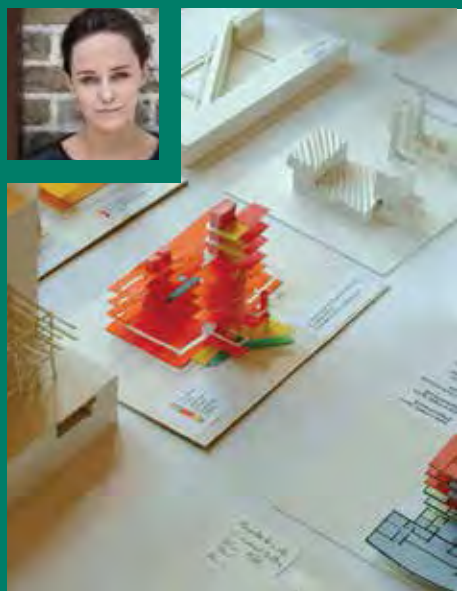
- Conservationist
- Designer
- Graphic Designer
- Heritage Site Manager
- Lecturer
- Planning Adviser
- Project Manager
- Researcher

Continue to develop your professional career with UCD...

The main pathway to becoming a professional architect includes three steps: a) Completion of the BSc Architectural Science, b) Completion of the Master's in Architecture (MArch) and c) Completion of the Professional Diploma after a minimum of two years in practice.

"I have been fascinated by architecture since I was a teenager. It started when I learned to draw in Technical Graphics class in school, and from my first day in UCD I knew I had made the right choice. A typical day is spent in studio, where you and your classmates learn the skills to analyse, design, present and critique a design project. Your tutors are practicing architects and academics, whose intellectual and professional knowledge is supported by a lecture series in history, structures, graphic design, 3D modelling etc. After I graduated from UCD, I felt I had the skills, confidence and encouragement to take a risk. I moved to Germany, where I now work for Sauerbruch Hutton Architects in the centre of Berlin."

Jennifer O'Donnell Graduate



Architecture

BSc (Architectural Science) (Hons) (NFQ Level 8) & MArch (NFQ Level 9)

CAO Code **DN100**

CAO Points Range 2016 510— 625

Length of Course 3 Years (BSc)(Hons) + 2 Years (MArch)

Places 57

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
06/H7 in English, Irish, Mathematics, a third language and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

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

Mature Entry Route
See www.ucd.ie/maturestudents

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-semester 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:

- Sustainable Building Design & Performance
- Urban Design
- Conservation & Heritage
- Landscape Architecture & Landscape Studies
- Irish and European Landscape and Urbanisation (Research)
- History and Theory of Architecture (PhD)

International Study Opportunities

Opportunities to date have included:

- University of Sydney, Australia
- Kungl Tekniska Hogskolan Stockholm, Sweden
- University of British Columbia, Vancouver, Canada
- National University of Singapore
- Technische Universität München, Germany
- University of California, Berkeley, USA.

KEY FACT
We are the only college in Ireland with dual accreditation from both RIAI & RIBA and we are actively pursuing accreditation from the USA Body NAAB.

Other courses of interest

Landscape Architecture →162
Structural Engineering with Architecture →174
City Planning & Environmental Policy →163

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Landscape Architecture

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

"For as long as I can remember, I have loved art and design. During secondary school, I was very interested in Geography and began to develop an interest in land use and the environment. A degree in Landscape Architecture offered me the opportunity to study a subject of great interest to me, while allowing me to develop my artistic side.

The course required a lot of hard work but the rewards compensated. I found myself with an understanding of environmental conservation and a concern for sympathetic future development, both urban and rural. Also, my design capabilities improved to an extent that I would never have thought possible.

Having graduated in 2014, I was delighted to be offered a job with an eminent Dublin firm called BSLA and have since been working on some very rewarding projects."

Colin Torpay Graduate

CAO Code **DN120**

CAO Points Range 2016 295—535

Length of Course 4 Years (BSc) (Hons)

Places 25

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturestudents

KEY FACT
UCD is currently the only university in Ireland to offer an undergraduate degree in Landscape Architecture. This course is accredited by the Irish Landscape Institute [ILI] and recognised by the International Federation of Landscape Architecture [IFLA-Europe].

Other courses of interest

Architecture	→161
City Planning & Environmental Policy	→163
Forestry	→194
Horticulture, Landscape & Sportsturf Management	→195

Why is this course for me?

If you love design, nature and the outdoors, are interested in society and the ways that we live, and want to make a better, more sustainable future for our towns and countrysides, 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.
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 • Landscape Materials & Construction • Aesthetics, Drawing and Landscape Representation.

Professional and Managerial Skills
Professional Practice • Law • Research and Writing.

A combination of regular studio reviews, reports, as well as end-of-semester 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**).

Two Master's programmes: Landscape Architecture (MLA) and Landscape Studies (MArchSc), are available for those who wish to pursue the subject at taught graduate level. The School of Architecture also offers related Masters by Research and Doctoral programmes.

International Study Opportunities

We encourage students to gain international experience and many of our students study abroad as part of this programme.

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"I studied Geography and Sociology in Trinity College Dublin, before coming to UCD to complete a Master's of Regional & Urban Planning. Having spent a short period of time as a practising planner, I returned to UCD and completed my PhD in Planning. I undertake research on planning, communities and regeneration, and I am a member of the Irish Planning Institute, which is one of the main professional planning institutes."

Dr Paula Russell Lecturer

City Planning & Environmental Policy

BSc (Hons) (NFQ Level 8)

CAO Code **DN130**

CAO Points Range 2016 **N/A**

Length of Course **3 Years**
(+ 1 Year Master's programme)

DN130 Places **25**

For general entry requirements, see pages 196-203

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

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 FETAC Entry Routes
None

Mature Entry Route
See www.ucd.ie/maturestudents

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 set 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?

The degree in City Planning & Environmental Policy includes modules in:

First Year
Introduction to Spatial Planning • Environmental Change & Policy • History of Planning • Introduction to Urban Design

Second Year
Local & Community Planning • Geographical Information Systems • Smart Cities • Urban & Regional Economics

Third Year
Urban & Rural Design • Transport Planning • Housing & Neighbourhood Planning • Rural Landscape Planning • Environmental Management

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-semester examinations.

Career & Graduate Study Opportunities

The final step towards your career as a planner is to complete a one-year specialist Master's in Planning in UCD: the Master of Regional & Urban Planning, the MSc in Urban Design and Planning or the MSc in Environmental Policy. This will ensure you gain the necessary professional accreditations, including that of the Irish Planning Institute and the Royal Town Planning Institute.

Graduates find employment in:

- Government and local authorities
- Planning and environmental consultancies
- Local and regional development organisations
- Private companies (marketing/location/ real estate/infrastructure)
- Non-governmental organisations (environmental/heritage/ international development)

International Study Opportunities

Erasmus opportunities present an exciting range of choices for study abroad, including:

- Université Joseph Fourier, Grenoble, France
- University of Barcelona, Spain
- City University of Hong Kong, Hong Kong
- University of Connecticut, USA
- University of Cagliari, Sardinia.

KEY FACT
The degree is accredited by the Royal Town Planning Institute (RTPI). In order to gain full recognition by the RTPI, you must complete an accredited one-year specialist Master's degree in Planning.

Other courses of interest

Geography	→76
Architecture	→161
Landscape Architecture	→162
Civil Engineering	→170
Agri-Environmental Sciences	→191

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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 new ones such as Biomedical Engineering and Energy Systems Engineering.

Engineering

Engineering	166
Biomedical Engineering	168
Chemical & Bioprocess Engineering	169
Civil Engineering	170
Electrical Engineering	171
Electronic Engineering	171
Energy Systems Engineering	172
Mechanical Engineering	173
Structural Engineering with Architecture	174

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 engages students in a culture of scholarship and inquiry. This, coupled with the fact that our lecturers are experts in their fields, makes UCD the first choice for anyone interested in engineering.

Your First Year Experience

Your first year in Engineering at UCD will see you immersed in a completely new life from both an educational and a social perspective. Educationally, the first year is a common year which allows you gain an understanding of the many engineering disciplines available, before you specialise. This year will be spent intensively learning and discovering how to solve problems through physics, chemistry and mathematics, as well as gaining exposure to engineering subjects such as mechanics, energy engineering, creativity in design and electronic or 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.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Engineering

BSc (Engineering Science) (NFQ Level 8)
leading to ME (NFQ Level 9)
or BE (Hons) (NFQ Level 8)

"If you have an enquiring mind, a desire to innovate and develop solutions to problems that have real social, societal and economic impact, you will find an engineering education both stimulating and rewarding. At UCD, we offer the widest possible choice of engineering disciplines and are committed to the on-going development of both discipline specific and interdisciplinary teaching and research. Whether your interests lie in agri-food, business, communications, energy, healthcare, materials, pharmaceuticals, physical infrastructure, transport or water, there is an option within UCD Engineering that will suit you.

With international leaders in the fields of engineering, the programmes will provide you with core knowledge in the subject, an expectation of attaining excellence and the development of your capacity for independent and creative thinking, problem solving and leadership in your chosen speciality."

Professor David FitzPatrick Dean of Engineering

CAO Code **DN150**

CAO Points Range 2016 **510 — 625**

Length of Course **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places **260**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Studying Engineering at UCD

At UCD Engineering, we provide a rigorous education in the fundamental engineering subjects and help you to develop problem-solving and design skills, based on maths and physics. As a UCD Engineering student, you will enrol in a common first year, which allows you to gain an understanding of the many different engineering disciplines available, before being offered an unrestricted choice of specialisation, subject to health and safety based capacity constraints. We have the widest range of degree choices in the country and, after completing this common first year, you can choose your second year pathway from one of the following:

- Biomedical Engineering
- Chemical & Bioprocess Engineering
- Civil Engineering
- Electrical or Electronic Engineering
- Mechanical Engineering
- Structural Engineering with Architecture

Your chosen area of specialisation in second year will also offer routes to further branches of engineering at a Master's level. The range of study and career opportunities that can be accessed through our Bachelor's and Master's degree options is illustrated on the 'Studying UCD Engineering' diagram. You can choose a Bachelor of Engineering Science, BSc [3 years], a Bachelor of Engineering, BE [4 years] or a Master of Engineering, ME [5 years].

Since 2013, the educational standard for the professional title of Chartered Engineer [Engineers Ireland] has been an accredited Master's degree programme in engineering or equivalent. The BE degree [four years] in Chemical & Bioprocess Engineering is accredited at the Master's level by the Institution of Chemical Engineers [IChemE] and satisfies the educational standard for the professional title of Chartered Engineer [IChemE].

Career & Graduate Study Opportunities

A world of opportunity awaits you as a UCD Engineering graduate and, as our programmes are professionally accredited, they are fully recognised internationally.

You'll be able to establish a career in many sectors, including:

Energy/clean technology • Infrastructure • Healthcare • Food • Information and communications technology • Business • Research • Education.

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
- Biopharmaceutical Engineering
- Biosystems & Food Engineering
- Chemical and Bioprocess Engineering
- Civil, Structural & Environmental Engineering
- Electrical Energy Engineering
- Electronic & Computer Engineering
- Energy Systems Engineering
- Engineering with Business
- Engineering Management
- Environmental Technology
- Mechanical Engineering
- Materials Science & Engineering
- Structural Engineering with Architecture
- Sustainable Energy & Green Technologies
- Water, Waste & Environmental Engineering

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.

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Studying UCD Engineering

Year 1 — Explore your options

Physics	Chemistry	Mathematics	
Energy Engineering	Mechanics	Electrical/Electronic	Creativity in Design

These core modules are supplemented by a range of Options and Elective choices 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
- Civil
- Electrical
- Electronic
- Energy Systems
- Mechanical

ME (5 years) Master of Engineering

- **Biosystems & Food
- Biomedical
- Chemical & Bioprocess
- Civil, Structural & Environmental
- Electrical Energy
- Electronic & Computer
- Energy Systems
- Engineering with Business
- Materials Science
- Mechanical
- Structural Engineering with Architecture
- **Professional Work Experience**

Graduate with a Master of Engineering

Specialise through UCD graduate study

Taught & Research Master's

- Biopharmaceutical Engineering
- Chemical Engineering
- Electronic & Computer Engineering
- Engineering Management
- Environmental Technology
- Food Engineering
- Materials Science & Engineering
- Structural Engineering
- Sustainable Energy & Green Technologies
- Water, Waste & Environmental Engineering

Doctor of Philosophy (PhD) Engineering

Research & Academia

Shape your career with UCD Engineering

Professional Engineer in your chosen discipline with careers in:

- Design
- Environment
- Manufacturing
- Construction
- Information & Communications Technology (ICT)
- Energy
- Healthcare
- Food
- Pharmaceuticals
- Business & Media
- Management
- Finance
- Education
- Research & Academia

Continue to develop your professional career with UCD...

*The 4-year BE degree in Chemical & Bioprocess Engineering is accredited by the IChemE as satisfying the academic requirement for registration as a Chartered Chemical Engineer.

**The ME Biosystems and Food Engineering is accessible from all Engineering Pathways.

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 2016 510 — 625

Length of Course 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Other courses of interest

Engineering	→166
Electrical/Electronic Engineering	→171
Mechanical Engineering	→173
Medicine	→139

Deep Brain Stimulation - DBS.

"UCD's degree in Biomedical Engineering offers the best possible stepping stone towards a vibrant career in the bioengineering sector. As a student, you will experience first-hand medical device engineering with companies in Ireland and abroad and the subjects you will study range from mechanical engineering to anatomy to electronic engineering. My degree in Biomedical Engineering has offered me the springboard to a career with Boston Scientific, a medical device multinational in Silicon Valley, California – the heart of innovation and technology."

Marc Feeley 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:

Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/Electronic Engineering • Creativity in Design.

Second to Fifth Year

Sample modules for Biomedical Engineering students include:

Bioinstrumentation • Biomechanics • Biomaterials • Neural Engineering • Nanomaterials • 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-semester written examinations and continuous assessment is used. In your final year, you'll also submit a report of your research project.

Career & Graduate Study Opportunities

Graduates can find employment in:

The Medical Technologies Industries • Pharmaceutical Industries • Medical Device Design • Rehabilitation Engineering • Device Manufacturing • Regulation • Engineering Consultancy.

Graduates can also pursue a taught or research Master's degree in Biomedical Engineering. You can study for a PhD and work with some of the world's leading experts on ground-breaking research.

International Study Opportunities

Opportunities have included:

- Beijing University of Technology, China
- University of New South Wales, Australia
- University of Illinois, USA
- University of British Columbia, Canada.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME Biomedical Engineering programme. Six- to eight-month internships (the majority of which are paid) have included the following companies: Boston Scientific, Stryker, Bio-Medical Research, BD Medical, DePuy Synthes, ResMed, Intel, Abbott and Crospon.

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"After having decided to study Chemical and Bioprocess Engineering, I can honestly say that there was no better choice than UCD. The staff are both supportive and encouraging and the prioritisation of teaching standards is evident throughout all the classes. Throughout my four years in UCD, I was encouraged to challenge myself through project work and presentations, as well as work closely with my classmates to build friendships and working relationships that will last long into the future. Having now started work in Eli Lilly, I can see how these skills will stand to me as I further my career. "

Aisling Judge Graduate

Chemical Engineering students working on a bioreactor.

Chemical & Bioprocess Engineering

BE (Hons) (NFQ Level 8)

CAO Code **DN150**

CAO Points Range 2016 510 — 625

Length of Course 4 Year (BE) + 1 Year (ME)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

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 (new) BE in Chemical Engineering with Biochemical Engineering Minor. Both can lead to the ME in Chemical and Bioprocess Engineering.

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 CO_2-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: Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/Electronic Engineering • Creativity in Design.

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-semester 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. In addition, our programme is professionally accredited to Master's level by the Institution of Chemical Engineers (IChemE). All of this translates to our graduates being among the best-paid engineering professionals and sought after for employment in sectors from chemical to (bio)pharmaceutical and from energy to consultancy and design. We offer taught and research Master's and PhD opportunities, and our graduates also enter Master's and PhD programmes in leading international universities.

International Study Opportunities

Recent opportunities have included a year in:

- University of California, Santa Barbara, USA
- University of Connecticut, USA
- ENSIACET, Toulouse, France
- McGill University, Canada.

Professional Work Experience (PWE)

is incorporated in the ME Chemical & Bioprocess Engineering programme. Six- to eight-month internships (the majority of which are paid) may include the following companies: Abbvie, APC, BMS, Irish Cement, Lilly, MSD, PM Group.

Other courses of interest

Engineering	→166
Biomedical Engineering	→168
Chemistry	→118
Chemistry with Biophysical Chemistry	→119

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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 2016 510 — 625

Length of Course 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Other courses of interest

Engineering	→166
Mechanical Engineering	→173
Structural Engineering with Architecture	→174
Landscape Architecture	→162

Cable-stayed bridge.

"Having originally been attracted to UCD due to the high international standing of its engineering school, I graduated with an ME degree in Civil Engineering in 2014. Throughout the 5 year programme, I gained knowledge in all aspects of civil engineering before finally focusing on bridge design. I am currently working as a bridge engineer with AECOM in the UK. My work as an engineer is a good mix of inspection and design work on both existing and new bridges. I find my work both interesting and challenging and it affords me the opportunity to make a difference in our modern world. The UCD Civil Engineering course prepared me well to meet these challenges through a mix of top class lectures, tutorials, laboratories and project-based workshops."

Mark Gilsenan 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 huge. 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:
Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/ Electronic Engineering • Creativity in Design

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-semester written examinations.

Career & Graduate Study Opportunities

Graduates can find employment in:
- Environmental industries
- Transportation engineering
- Water resource and hydraulic engineering
- Management and project management
- Financial services
- Research

Graduates can apply for taught and research Master's degrees in UCD, including Civil, Structural and Environmental Engineering and Engineering with Business. Graduates can also apply for positions in PhD research programmes.

International Study Opportunities

Opportunities to date have included:
- University of Melbourne, Australia
- University of California, Berkeley, USA
- University of Auckland, New Zealand
- University of Connecticut, Storrs, USA.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME programme. Six- to eight-month internships (the majority of which are paid) have included the following companies: ESB International, Malone O'Regan, Irish Water, RPS Group, Arup, O'Connor Sutton Cronin, Roughan & O'Donovan.

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"I chose to study engineering because I wanted the opportunity to create the future by applying scientific principles to solve real-world problems. Studying electronic engineering at UCD not only developed my technical abilities but also gave me a dedicated work ethic and skills that are highly sought after in Ireland and abroad. Having graduated in 2015, I'm now working in the Internet of Things and Wearables Group at Intel. I work in a results-driven, collaborative environment, where we design system-on-chip microcontrollers that go into technical solutions from sports equipment to medical devices. My electronic engineering degree from UCD has given me a wealth of knowledge that I will continue to use into the future."

Maebh Larkin Graduate

Electrical Power Transmission Network.

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 2016 510 — 625

Length of Course 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Why is this course for me?

Electrical and Electronic Engineers have revolutionised the way we live today. As an electronic or electrical engineer, you can lead the way in designing technologies that will shape our world. Such engineers use creative ways to generate and handle electricity and information. They have developed the technologies we use to listen to music and communicate with one another, including smartphones and the Internet. Electrical and electronic 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:

Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/ Electronic Engineering • Creativity in Design

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-semester written examinations and continuous assessment is used. In your final year, you will undertake a substantial project, involving some combination of research and design in some area of interest. This will be assessed using reports, presentations and an interview.

Career & Graduate Study Opportunities

You could be involved in projects that make a difference to the world, e.g. harnessing new sources of energy or developing advanced digital technologies. Exciting opportunities exist in areas such as designing new means of communication or the next generation of multimedia devices, studying the human brain, working with electrical energy systems or developing new imaging techniques.

You can also pursue graduate study internationally or as part of a UCD Master's degree, e.g. ME in Biomedical Engineering, ME in Electronic & Computer Engineering, ME in Electrical Energy Engineering or ME in Engineering with Business.

International Study Opportunities

Opportunities to date have included:
- McGill University, Montreal, Canada
- National University, Singapore
- University of California, USA
- University of Queensland.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME programmes. Six- to eight-month internships (the majority of which are paid) have included the following companies: EirGrid, Arup, ResMed, SAP, Intel, Analog Devices, ESB Networks, Mainstream Renewable Power.

Other courses of interest

Engineering	→166
Biomedical Engineering	→168
Energy Systems Engineering	→172
Computer Science	→136

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Energy Systems Engineering

BSc (Engineering Science) (NFQ Level 8)
leading to ME (NFQ Level 9)
or BE (Hons) (NFQ Level 8)

Wind energy generation.

"Energy Systems Engineering at UCD is suitable for anyone interested in a career in energy, from offshore oil exploration to renewable energy integration. The course offers a broad range of subjects which not only cover the technical aspects of engineering but also the associated economic and social challenges we face today. Having completed this degree, I feel that Energy Systems Engineering at UCD has provided me with the best platform to forge a successful career in the energy sector and I would recommend it to anyone looking to follow the same career path."

Gavin Hickey Graduate

CAO Code **DN150**

CAO Points Range 2016 510 — 625

Length of Course 3 Years (BSc) (Hons) + 2 Years (ME)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Other courses of interest

Engineering	→166
Electrical/Electronic Engineering	→171
Mechanical Engineering	→173

Why is this course for me?

If you want to work on solutions to the world's energy problems, Energy Systems Engineering at UCD is for you. This degree prepares you to meet the engineering, economic and environmental challenges of the future. It focuses on the interdependence between electricity systems, building energy systems, the industrial production system, the food supply chain and the transport system.

Maintenance of current living standards in the developed world, as well as aggressive renewable energy targets as defined by the EU, will demand new ways to use energy more efficiently, as well as requiring much bigger contributions from solar, wind, biomass, nuclear and advanced fossil fuel technologies. This degree provides students with a strong understanding of the complex multi-disciplinary and often conflicting issues that arise in the search for effective solutions to the energy challenges of the future.

What will I study?

First Year

Engineering students follow a common first year. Modules include:

Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/ Electronic Engineering • Creativity in Design

Second to Fifth Year

Sample modules for Energy Systems Engineering students include:

Mechanics of Fluids • Electrical & Electronic Circuits • Engineering Thermodynamics • Electrical Energy Systems • Power System Engineering • Air Pollution • Measurement & Instrumentation • Energy Systems & Climate Change • Wind Energy • Energy Economics • Power System Operation • Energy Systems in Buildings

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-semester written examinations and continuous assessment is used. In your final year, you'll also submit a report of your research project.

Career & Graduate Study Opportunities

Graduates will be equipped with the skills and knowledge that are vital for crucial roles in research, design and development in the energy sector. You can also pursue graduate study internationally or through the UCD Master of Engineering in Energy Systems taught programme.

International Study Opportunities

Opportunities to date have included:
- University of British Columbia, Canada
- University of California, Berkeley, USA
- EPFL, Lausanne, Switzerland.

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 companies: Glen Dimplex, Arup, RPS Group, Energia and Mainstream Renewable Power.

KEY FACT

Energy Systems Engineers work towards alternative solutions to the dwindling supply of fossil fuels, such as solar, wind, biomass & nuclear, to meet the energy demands of our developed world.

www.ucd.ie/**myucd/eng**

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Engineering and Materials Science Centre, Belfield, Dublin 4

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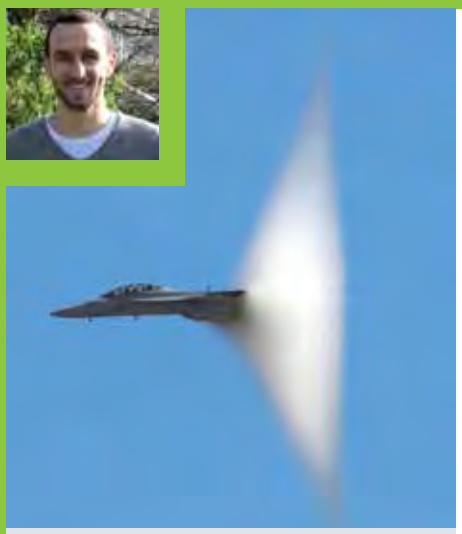
"For as long as I can remember, I always wanted to do engineering, and that influenced my choice of subjects for the Leaving Certificate. I did Maths, Applied Maths and Physics. I also did Art, which some people may find unusual but I found it really useful, particularly in the design modules of my degree. I chose Mechanical Engineering because I had a hands-on approach to all things mechanical (especially engines) while growing up, and I wanted to learn how and why things work the way they do. I now work in Italy with Ferrari on engine design and testing."

Ian Whelan Graduate



Condensation shock associated with local supersonic flow.

Mechanical Engineering

BSc (Engineering Science) (NFQ Level 8)
leading to ME (NFQ Level 9)
or BE (Hons) (NFQ Level 8)

CAO Code **DN150**

CAO Points Range 2016 510 — 625

Length of Course 3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)

DN150 Places 260

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

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 to improve our world. We face unprecedented challenges, from understanding climate change, to managing global mobility, to finding sustainable growth pathways for the burgeoning population in the developing world. Mechanical Engineering in UCD provides you with the education, skills and knowledge you'll need to understand the challenges, and help to develop the new solutions we need. Working in areas ranging from energy to aerospace, biomedicine or manufacturing, mechanical engineers are changing our world for the better. They create new solutions, integrate disparate technologies, increase energy efficiency, reduce our consumption of natural resources and minimise our impact on the local and global environment. If you want to help forge a path to a brighter future, Mechanical Engineering at UCD is the place for you.

What will I study?

First Year

Engineering students follow a common first year. Modules include: Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/Electronic Engineering • Creativity in Design

Second to Fifth Year

Sample modules for Mechanical Engineering students include: Mechanical Engineering Design • Mechanics of Fluids • Materials Science & Engineering • Heat Transfer • Electrical & Electronic Circuits • Manufacturing Engineering • Mechanics of Solids • Professional Engineering • Engineering Thermodynamics • Applied Dynamics • Biomechanics • Measurement & Instrumentation • Control Theory.

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops and undertaking independent study.

A combination of end-of-semester written examinations and continuous assessment is used. In your final year, you'll also submit a report of your research project.

Career & Graduate Study Opportunities

Opportunities are extraordinarily diverse, making graduates highly resilient to changing economic circumstances. Recent graduates are currently employed in: Energy, Biomedical, Aeronautical, Automotive and Manufacturing Sectors • IT companies • Management and Project Management.

Graduates can pursue taught or research Master's degrees in Mechanical Engineering, Materials Science and Engineering, Energy Systems Engineering, Engineering with Business or Biomedical Engineering in UCD or elsewhere. Those with a strong interest in research also have the opportunity to pursue a PhD.

International Study Opportunities

Students are encouraged to spend one or more semesters abroad, attending a Mechanical Engineering degree of equivalent standard. To date, students have studied in:

- University of California, Berkeley, USA
- Georgia Institute of Technology, USA
- EPFL, Lausanne, Switzerland
- Australia, France and New Zealand.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME programme. Six-to eight-month internships (the majority of which are paid) have included the following companies: Accenture, Bio-Medical Research Galway Ltd., BMW, Boston Scientific, Henkel, Jaguar Land Rover, PCH International, Moog Dublin Ltd, Crospon, AbbVie, and many others.

Other courses of interest

Engineering	→166
Energy Systems Engineering	→172
Biomedical Engineering	→168
Agricultural Systems Technology	→184

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Structural Engineering with Architecture

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9)

"I chose to study Structural Engineering with Architecture in UCD as I have always had a keen interest in the built environment. The course content is varied, with modules ranging from mathematical to model making. I particularly enjoyed, and have since found very useful, the case studies module, in which we scheme designed the structure of a building every two weeks and then presented the design as a team.

The course can be as international as you make it: in my third year, I went to the University of Connecticut for a semester, which was a great experience. The work placement in fourth year is also an excellent part of the course, giving you practical experience as well as being very valuable to potential employers."

Tara Clinton Graduate

CAO Code **DN150**

CAO Points Range 2016 **510 — 625**

Length of Course **3 Years (BSc) (Hons) + 2 Years (ME) or 4 Years (BE)**

DN150 Places **260**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish. and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Other courses of interest

Architecture →161
Civil Engineering →170

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: Physics • Chemistry • Mathematics • Energy Engineering • Mechanics • Electrical/ Electronic Engineering • Creativity in Design • Engineering and Architecture of Structures

Second Year

Construction Materials • Construction Practice • Mechanics of Solids • Soil Mechanics 1 • Architecture for Structural Engineers

Third Year

Structure & Form • Analysis of Structures • Design of Structures • Energy Systems: Buildings

Fourth Year

Taught modules in semester one are typically followed by an eight-month work placement.

Those not on work placements will do a design project in addition to taught modules. Modules include: Professional Engineering for Civil & Structural Engineers • Structural Analysis, Design & Specification • Structural Dynamics Soil • Materials & Design • Realising Built Projects

Fifth Year

Innovation Leadership • Advanced Structural Analysis & Design • Professional Engineering (Management) • Soil Mechanics & Geotechnical Engineering • Bridge Engineering • Research Project

A student's week includes attending lectures and tutorials, as well as participating in laboratory-based workshops and undertaking independent study.

A combination of end-of-semester written examinations and continuous assessment is used. In your final year, you'll also submit a report of 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 an academic career, and a PhD in Structural Engineering, in Ireland or abroad.

International Study Opportunities

There is the opportunity to spend a semester abroad. Students to date have spent semesters at: University of Cantabria, Spain • University of California, USA • University of Connecticut, USA • San Jose State University, USA • University of Washington, USA.

Professional Work Experience

Professional Work Experience (PWE) is incorporated in the ME programme. Six-to eight-month internships (the majority of which are paid) have included the following companies: Arup, Skidmore Owings & Merrill (London), Thornton Tomasetti (New York), T/E/S/S Atelier D'Ingénierie (Paris), Mott MacDonald (Dubai), Waterman Moylan, and O'Connor Sutton Cronin.

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Veterinary Medicine

Veterinary Medicine	**176**
Veterinary Medicine (Graduate Entry)	**178**
Veterinary Nursing	**179**

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

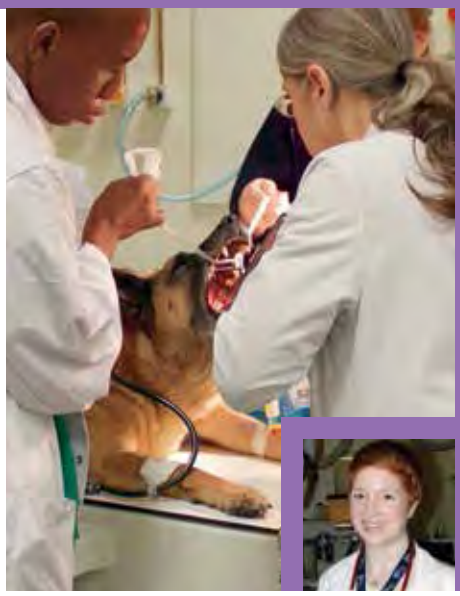
From the very start, you will receive a strong grounding in normal animal structure and function, animal handling, welfare, nutrition, breeding and management, ensuring you are well prepared for your later study. As well as lectures, small group tutorials and practical classes are a great way to get 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 Lyons Estate Research 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.

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Veterinary Medicine

MVB (Hons) (NFQ Level 8)



"I have enjoyed every minute of my five years studying Veterinary Medicine in UCD. I knew I would enjoy the content of the course as I had always wanted to be a vet. But it was the people in this faculty and the sense of community felt here that will make me think of the past five years fondly.

I have met some incredible people during my time here – from equine surgeons in Boston to sheep farmers in Louth. I have developed huge confidence as a result of the practical elements of this course."

Liz Gray Student

CAO Code **DN300**

CAO Points Range 2016 **565 — 625**

Length of Course **5 Years**

Places **82**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- H5 Chemistry
- O6/H7 in English, Irish, Mathematics, a third language and one other recognised subject

Practical Experience Requirement

Undergraduate students applying through the CAO system will be required to demonstrate that they have acquired at least 60 hours practical experience relevant to animal handling between 1 February, 2015, and 19 March, 2018. Records of experience must be completed using the following link: **www.ucd.ie/registry/admissions/vet.html** for full details and to download the form which must be completed for each experience.

Please note: Biology at Leaving Certificate is not required but it is strongly recommended

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Mature Entry Route
None

Non-EU Applicants
See www.ucd.ie/myucd/noneu

Other courses of interest

Medicine	→139
Animal Science	→186
Agricultural Science	→182
Biomedical, Health & Life Sciences	→142

Why is this course for me?

This programme will educate you to the best international standards in veterinary medicine. To work as a vet in the Republic of Ireland, you must have a degree in Veterinary Medicine, which is registered by the Veterinary Council of Ireland. UCD's Bachelor of Veterinary Medicine (MVB) is Ireland's only such degree. 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.

What will I study?

This programme will prepare you for entry into any branch of the profession, with specific hands-on work and clinical cases in fifth year. The course structure is:

First & Second Year
Normal Animal Structure & Function • Animal Husbandry & Welfare • Animal Handling & Animal Experience

Third & Fourth Year
Pathobiological Sciences • Medicine • Surgery • Therapeutics • Herd Health • Epidemiology • Veterinary Public Health

Fifth Year
Clinical rotations in the UCD Veterinary Hospital (see Year 5 in model opposite) • Elective studies • Clinical experience

During the first four years, students spend an average of 40 hours per week attending lectures, tutorials and practicals, with some practicals taking place at Lyons Research 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-semester written, practical and competency examinations, along with continuous assessment during term, is used throughout the programme.

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.

www.ucd.ie/myucd/vetmed

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Studying UCD Veterinary Medicine

Years 1 & 2 — Basic Underpinning Sciences (Pre-clinical)

- Normal Structure & Function
- Animal Production, Behaviour & Welfare
- EMS: Animal Handling Competencies
- In-programme electives

Graduate Entry (One-year)

Years 3 & 4 — Paraclinical & Clinical Sciences

- Pathobiology & Infectious Disease
- Surgery
- Medicine
- Herd Health
- Epidemiology
- Veterinary Public Health
- Pharmacology & Therapeutics
- Communications
- Professionalism

Year 5 — Prepare for professional practice with clinical rotations (themes)

- Small Animal Clinical Studies
- Large Animal Clinical Studies
- Diagnostic Imaging
- Anaesthesiology
- Emergency Medicine
- Clinical Reproduction
- Herd Health
- Population Medicine
- Diagnostic Pathology
- Clinical Pathology
- Equine Clinical Studies
- Elective study
- Extramural studies (opportunities to study abroad)

MVB (Honours)

Specialise through UCD graduate study

Taught Graduate Programmes

Examples:

- Dairy Herd Health
- Canine Sports Medicine

Master's (Taught & Research) & PhD

Negotiated Programmes available

Veterinarian

- Practice Owner
- Practice Partner
- Practice Assistant
- Animal Charities

Shape your career with UCD Veterinary Medicine

Career Opportunities

- Biomedical Research
- Government Agencies
- Industry Consultancy
- International Organisations (WHO, FAO)
- Academic Teaching
- Research

Continue to develop your professional career with UCD...

Veterinary Medicine (Graduate Entry)

MVB (Hons) (NFQ Level 8)

"I am very grateful for the opportunity to study Veterinary Medicine at UCD. The quality of teaching is excellent, and is backed up by small group classes and practical sessions to consolidate my knowledge. As well as excellent clinical and teaching facilities, I have found that the location of the Veterinary Sciences Centre and the veterinary hospital on the main UCD campus provided me with access to the wider UCD community, as well as world class research programmes.

I have gained a broad knowledge of the different aspects of veterinary medicine and I feel confident that I will be competent to treat animals of multiple species. I feel that the skills I have gained during my time at UCD will be invaluable to my future career."

Nicole Fletcher Student

CAO Code **DN301**

Length of Course 4 Years

Places 5

Entry Requirements
See www.ucd.ie/registry/admissions/GradVet.html

Application Procedure
Applicants must apply via CAO no later than 1 February. For full details about the application procedure, please visit http://www.ucd.ie/registry/admissions/GradVet.html.

Non-EU Applicants
See www.ucd.ie/myucd/noneu

Other courses of interest
Medicine (Graduate Entry) →141

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 this area 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.

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'll take modules which demonstrate how this knowledge is applied in the practice of veterinary medicine, and gain a firm grounding in animal welfare, behaviour and handling. A key objective will be to ensure that you have the required knowledge, skills and competencies to progress to second year. Between second and fourth year, you'll take combined modules with students taking the DN300 degree in Veterinary Medicine.

Eligibility Criteria*

The four-year graduate entry programme is open to applicants who:

i) hold an honours degree (NFQ Level 8) in a biological, biomedical or animal science discipline at the level of a 2.2 Honours or above, a Master's degree or a PhD. (Graduates of any discipline are welcome to apply for entry to the five-year MVB programme. Up to five places will be made available in DN300.)

ii) are EU applicants (i.e. not deemed "Non-EU" applicants for purposes of fees).

Graduate entry candidates will be assessed on a combination of:

i) GAMSAT score

ii) educational performance

iii) a personal statement outlining their motivation to study Veterinary Medicine.

Career & Graduate Study Opportunities

You can work in mixed, small animal, farm animal or equine practice. You may also obtain further specialist clinical qualifications. Beyond clinical practice, veterinarians play an important role in the protection of public health, in research into diseases of animals and man, and in other areas, such as conservation and wildlife protection. While most graduates work in clinical practice, increasing numbers pursue research in public service or private sector research. This reflects the important role of the veterinarian in animal health control and consumer protection. At present, there is almost complete employment for veterinary graduates.

www.ucd.ie/**myucd/vetmed**

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"The depth of knowledge that is available to us from lecturers that come from both veterinary medicine and veterinary nursing backgrounds is amazing. The lecturers are extremely approachable and they will go out of their way to make sure a student understands any area they may be having difficulty with. The experience that I have gained from the practical side of the course has been invaluable to me. The veterinary practice where I completed my placement taught me so much and I really gained an understanding of the roles and the responsibilities that a veterinary nurse has. The combination of the lecturers, class mates and practical learning has greatly increased my confidence and I cannot wait for the day that I become a registered veterinary nurse."

Ciaran Lloyd Student

Veterinary Nursing

BSc (Hons) (NFQ Level 8)

CAO Code **DN310**

CAO Points Range 2016 **465—525**

Length of Course **4 Years**

Places **44**

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

- O3/H6 in a laboratory science subject or Home Economics (Social and Scientific)
- O6/H7 in English, Irish, Mathematics and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

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.

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:

Comparative Veterinary Anatomy & Physiology I & II • General Veterinary Nursing & Animal Handling • Principles of Animal Behaviour, Nutrition & Welfare • Veterinary Anaesthesia & Therapeutics • Reception & Practice Management for Veterinary Nurses • Surgical Nursing.

Third & Fourth Year

During third year, you undertake additional modules and embark on 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.

A combination of end-of-semester written and practical examinations, along with continuous assessment during semesters, is used throughout 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
- Insurance
- Pharmaceuticals
- Practice management
- Animal welfare
- Charitable work
- Education

You'll also have the opportunity to pursue graduate studies, thereby actively contributing to academic and research fields both within your profession and in related sciences.

Other courses of interest

Veterinary Medicine →176
Animal Science →186

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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 in the top 100 in the world, based on the 2017 QS University Global Subject Rankings. Unique programmes in Ireland span the entire food chain, providing a diverse range of career opportunities in Ireland and internationally.

Our focus at the UCD School of Agriculture and Food Science is to develop the next generation of agriculture, food and human nutrition leaders. Our graduates have an excellent record in obtaining challenging and fulfilling employment in a variety of sectors. These sectors include: food, agriculture, health, business and services. You will develop professional skills for enterprise management, technical service and consultancy, management, research, education, marketing, communications and primary production of quality food and fibre products.

Students will be exposed to the latest scientific discoveries and knowledge that underpins each of our four year honours degree programmes. The modular and innovative syllabus includes Professional Work Experience and international study abroad opportunities. The programmes develop highly sought after graduates with innovation, entrepreneurship, critical thinking and problem solving skills.

Your First Year Experience

In your first year, we provide a range of supports to ensure your transition to university life is as smooth as possible. A comprehensive induction and orientation programme, Peer Mentoring, dedicated Student Advisers, committed programme co-ordinators and programme office staff underpin our reputation for being the most friendly and close-knit community in UCD. Supports and initiatives such as the Maths Support Centre, tutorials, laboratories and continuous assessment are designed to assist you along the way.

Each of our 13 entry routes has a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies. You will also have an opportunity to take one or more introductory modules from any of our courses in first year, providing you with an insight into the subsequent stages of each degree available within UCD Agriculture, Food & Nutrition. This is particularly beneficial for Agricultural Science (DN250) students, who choose their preferred degree during first year.

Agriculture, Food & Nutrition

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Food Science	192
Human Nutrition	193
Forestry	194
Horticulture, Landscape & Sportsturf Management	195

UCD is No.1 in Ireland for 40 Subjects
- QS World University Rankings 2017

Agricultural Science

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Food Science	→192
Dairy Business	→190
Agri-Environmental Sciences	→191
Horticulture, Landscape & Sportsturf Management	→195
Forestry	→194

www.ucd.ie/**myucd/ag**

Why is this course for me?

If you're interested in Agricultural Science but are not yet certain of which area to specialise in, you can select the No Preference (NPF) option on your CAO form. Then, during your first year at UCD, you can choose your area of specialisation. If you receive an offer on the Agricultural Science programme, you'll be guaranteed a place in any of the six specialisations from second year. If, on the other hand, you know which of the following areas you'd like to specialise in, you can select *one* of these areas on your CAO application. The CAO codes for the degree specialisations offered are:

DN250 Agricultural Systems Technology
DN250 Animal & Crop Production
DN250 Animal Science
DN250 Animal Science - Equine
DN250 Food & Agribusiness Management
DN250 Food Business with Chinese Studies

Students interested in progressing to the Food Business with Chinese Studies degree must undertake one Chinese language module in semester one and transfer to the Food Business with Chinese Studies degree option by the end of semester one.

What will I study?

All our degrees have a similar first year, designed to give you a strong foundation in the core sciences, maths and economics needed for the rest of your studies. Science modules are taught on the basis that you have not studied the subject before.

First Year

Core subjects include: Animal Biology & Evolution • Cell & Plant Biology • Physics • Mathematics for Agriculture • Introductory Chemistry • Agricultural Economics & Business

Second, Third & Fourth Year

You specialise in one of the programme areas listed above and detailed on the following pages.

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertake independent study.

A combination of continuous assessment and end-of-semester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

BAgrSc graduates have an excellent record in obtaining challenging and fulfilling roles. Careers in sectors such as food, agriculture, business and services include:

- Enterprise management
- Technical service and consultancy
- Research
- Education
- Marketing and communications
- Primary production of quality food and fibre products.

You can also pursue a wide range of graduate studies by research or examination (Master's and PhD) in areas such as:

- Environmental resource management
- Humanitarian action
- Rural development
- Business
- Information Technology
- Education.

Higher and graduate diplomas are also available.

Professional Work Experience (PWE) & International Study Opportunities

PWE is an integral part of the degree and takes place in third year. Part, or all, of PWE can be taken abroad. PWE provides an opportunity for you to network, experience many different roles and, in some instances, even secure a job prior to graduation.

There are opportunities to study abroad for one semester during third year, in universities in Australia, New Zealand, Europe and the USA, among others.

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Studying UCD Agricultural Science

Year 1 — Explore your options

- Biology
- Maths
- Chemistry
- Physics
- Agricultural Economics & Business
- Elective modules

Years 2, 3 & 4 — Choose your pathway*

- Animal & Crop Production
- Animal Science
- Animal Science - Equine
- Agricultural Systems Technology
- Food & Agribusiness Management
- Food Business with Chinese Studies
- Professional Work Experience
- Optional Study Abroad
- Subject Specific modules

BAgrSc (Honours)

Specialise through UCD graduate study

Taught & Research Master's

- Animal Science
- Applied Equine Science
- Food Business Strategy
- Food, Nutrition and Health
- Sustainable Agriculture and Rural Development
- Wildlife Conservation and Management
- Environmental Resource Management
- Rural Environmental Conservation & Management
- Humanitarian Action
- Agricultural Extension & Innovation

Doctor of Philosophy (PhD)

Research and Academia

Shape your career with UCD Agricultural Science

- Nutritionist
- Teacher
- Accountant
- Farm Manager
- Horticulturist
- Marketing Manager
- Journalist
- Business Manager
- Technical Sales Manager
- Communications Manager
- Banker, Stockbroker
- Food Safety Inspector
- Quality Assurance Officer
- Agricultural Consultant
- Agricultural Inspector
- Technical Engineer
- Policy Analyst
- Production Manager
- Food Technologist
- Microbiologist
- Scientist
- Researcher
- Principal Investigator
- Lecturer
- Professor
- Government Official
- Development Officer
- Project Manager
- County Heritage Officer

Conversion/ Complementary Courses

- PME Professional Masters in Education (Teaching)
- Graduate Veterinary Medicine
- MSc Business Studies
- Master of Business Administration
- Graduate Medicine
- HDip Computer Science
- Master of Accounting

Continue to develop your professional career with UCD...

*Pathway models are available for each course at **www.ucd.ie/agfood**

Agricultural Systems Technology

BAgrSc (Hons) (NFQ Level 8)

"As a world leader in technologically advanced precision farming solutions, DairyMaster recognises the exciting potential of UCD's new Agricultural Systems Technology degree, that will educate graduates with both the agriculture and data science skills essential for the future of the agri-food industry."

Dr Edmond Harty
CEO and Technical Director Dairymaster

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→182
Science	→103
Dairy Business	→190
Agri-Environmental Sciences	→191
Forestry	→194

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 and Physics • Mathematics • Computer Programming • Information Skills

Second Year
Agricultural Engineering Principles • Biosystems Engineering Research Trends • Animal, Crop and Soil Science • Applied Biostatistics • Agricultural Microbiology, Physics and Chemistry

Third Year
Agricultural Mechanisation (engines, hydraulics, components and machinery systems) • Sensors and Sensing Systems • GIS and Remote Sensing • Business Management • Data Structures and Algorithms • Numerical Methods for Agricultural Technology • Professional Work Experience

Fourth Year
Precision Agriculture (crops) • Precision Livestock Management • Optical Sensing Technology • Databases and Information Systems • Experimental Project • Life Cycle Assessment • Quantitative Risk Assessment • Waste Management

Students will spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertaking independent study.

A combination of continuous assessment and end-of-semester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

Graduates will find rewarding and challenging employment in agri-food industries, including:

Production agriculture • Environmental protection • Consulting • Equipment manufacturing • Agri-Tech.

Typical roles include technical and managerial positions in:

Production • Service provision • Environmental protection • Information technology • Manufacturing • Process and product design.

There are also excellent graduate study opportunities to specialise in Environmental Technology, Food Engineering and Sustainable Energy and Green Technology.

International Study Opportunities

There are opportunities to study abroad for one semester in third year. Possibilities include:

- University of California, USA
- University of Queensland, Australia
- Michigan State University, USA
- Kansas State University, USA
- Purdue University, USA.

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"Coming from a beef and sheep farm in Galway, I came to UCD not knowing anyone. I started as an omnibus entrant and decided to specialise in Animal and Crop Production. My favourite part of the course was the Professional Work Experience placement in third year, where I got the opportunity to work on progressive farms and in agri-business operations both at home and abroad.

AgSoc had a huge part to play in this through the many social events held throughout the year, which allows everyone to be friends from first year to final year. In addition to the social element, AgSoc raised a record €50,000 for Cystic Fibrosis Ireland and Embrace FARM during the 2016/7 academic year - contributing significantly to those in need."

Seán Holian Student

Animal & Crop Production

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree gives you a broad knowledge of the science and business of both animal and crop production and their interactions in a constantly changing environment. You'll develop:

- Knowledge of the growth, development and improvement of farm animals and crops
- Knowledge of the agribusiness industry
- The capacity to formulate economical and sustainable animal and crop production systems
- The capacity for lifelong learning so you remain informed of evolving technical, economic and regulatory frameworks
- Communication and IT skills

What will I study?

First year concentrates on developing the basic sciences, before the focus moves to more applied sciences. You can also choose elective modules, while the facilities at the UCD Lyons Research Farm are widely used as teaching aids. 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 and Control • Professional Work Experience

Fourth Year
Ruminant & Non-ruminant Animal Production • Grass & Cereal Production • Farm Business Management • Professional Communications • Animal Nutrition II

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory-based practicals, and undertake independent study. In the final year, students make regular visits to UCD's Lyons Research Farm to get hands-on practical experience.

A combination of continuous assessment and end-of-semester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

Graduates are employed in a wide variety of areas, such as:

- Agribusiness
- Animal and crop industries
- Consultancy
- Semi-state or government agencies
- Financial services
- Print, radio and television media

This is also a very suitable degree if you intend to pursue full-time farming or combine part-time farming with a professional career. Research opportunities to Master's and PhD level are available.

Professional Work Experience (PWE) & International Study Opportunities

Between January and August in third year, you undertake a period of PWE in Ireland or abroad. You can also study abroad in semester one of third year, at universities including:

- Lincoln University, New Zealand
- Kansas State University, USA
- Texas A&M University, USA
- Purdue University, USA
- Michigan State University, USA.

Other courses of interest

Agricultural Science →182
Dairy Business →190
Agri-Environmental Sciences →191
Food Science →192

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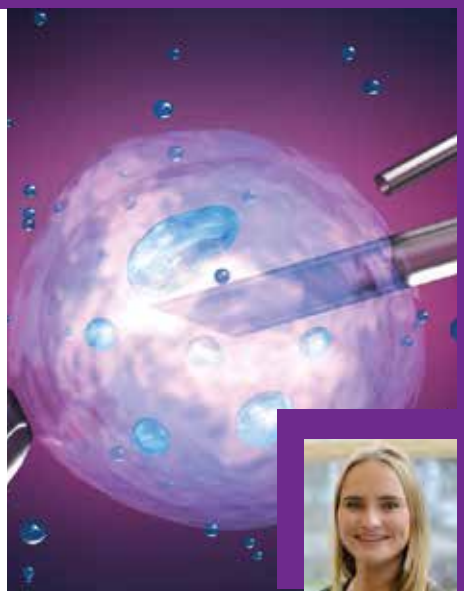
Animal Science

BAgrSc (Hons) (NFQ Level 8)



"Studying animal science in UCD gives you the opportunity to learn in both practical and theoretical ways, whilst being able to choose electives from a huge array of courses. Choosing UCD also gave me the opportunity to take part in numerous extracurricular activities, both with the Students' Union where I was elected convener for the Agricultural, Food Science and Veterinary faculty, and as a committee member with AgSoc, where I've made friendships that will remain with me forever.

The most memorable part of my degree was Professional Work Experience, which I spent between a 25,000 dairy cow farm in Idaho, USA and in Devenish Nutrition. If it wasn't for studying at UCD, I would never have got the opportunity to gain these valuable experiences."

Alison Dowley Student

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

At the core of Animal Science is the study of the applied sciences that are fundamental to understanding how animals function and that underpin the principles of livestock production. 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

Fourth Year
Ruminant Animal Production (Dairy, Beef, Sheep) • Non-ruminant Animal Production (Swine, Poultry) • Animal Health, Behaviour & Welfare • Grass & Forage Production

Students spend an average of 40 hours a week attending lectures and tutorials and participating in laboratory-based practicals, and undertake independent study. In the final two years, students make regular visits to UCD's Lyons Research Farm to get hands-on practical experience.

A combination of continuous assessment and end-of-semester written examinations is used. Certain modules also require project work.

Career & Graduate Study Opportunities

A range of opportunities exists, including:

- Animal feed industry
- Procurement, processing and marketing of animal products
- Education
- Consultancy
- Farming and enterprise management
- Journalism

Graduate research opportunities exist at Master's and PhD levels.

Professional Work Experience (PWE) & International Study Opportunities

A five-month PWE placement takes place in third year and may be taken as a combination of on-farm, agribusiness and research centre placements. Some of this may be taken abroad (e.g. USA and New Zealand). In addition, an opportunity exists to take a semester abroad. Possibilities include:

- University of Illinois, USA
- Kansas State University, USA
- University of Queensland, Australia
- Michigan State University, USA
- Purdue University, USA.

Other courses of interest

Agricultural Science	→182
Food Science	→192
Dairy Business	→190
Veterinary Medicine	→176

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"As a mature and international student, with no previous background in horses, UCD's Animal Science – Equine degree has truly helped me to develop a new passion and career path. Modern horse management is constantly changing, based on revolutionary advances in nutrition, genetics and breeding. This programme has assembled a comprehensive variety of modules, guest speakers and field trips that has opened my eyes to the expanding opportunities within the equine industry

One of the course's highlights, a 5-month work placement, enabled me to gain both national and international industry experience. While I worked at Europe's largest stud for Haflinger horses (Germany), many of my fellow students went even further abroad, to work at competition and racing yards in the US and Japan. "

Christiane O'Brien Student

Animal Science — Equine

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
06/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Animal Science – Equine focuses on the applied sciences that underpin animal and veterinary biosciences, with emphasis on the horse. The degree provides the scientific knowledge and transferable skills necessary for professional leadership roles within many aspects of the animal and equine science industries. You'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 and Equine Industries

Third & Fourth Year
Equine Anatomy & Physiology of Exercise • Equine Genetics • Equine Reproduction and Equine Nutrition • Farm Business Management • Equine Health & Husbandry

Animal practicals are delivered at UCD's Lyons Research Farm, where excellent new equine teaching and research facilities exist. Anatomy classes are conducted at UCD's Veterinary Hospital, while exciting research programmes in equine and animal science support the taught elements.

Students' time is spent primarily attending lectures and undertaking independent study. In most modules, this also involves attending practical sessions, laboratory workshops and/or tutorials.

A combination of continuous assessment (class quizzes, MCQ tests), research projects and end-of-semester examinations is used.

Career & Graduate Study Opportunities

In addition to the career opportunities available to Animal Science graduates (see page 186), Equine Science graduates are equipped to pursue careers in:

Equine enterprise management • Equine leisure, recreation and tourism activities • Equestrian marketing and sales enterprises • Sports journalism • Academic teaching.

You can pursue equine science research and development careers, and Master's and PhD opportunities in Europe and the US.

Professional Work Experience (PWE) & International Study Opportunities

A five-month PWE placement is integral to your degree and is an invaluable learning and networking opportunity. Exciting options include placements on stud farms in the Kentucky Bluegrass region, Japan, racing yards in Sydney, Australia, top show-jumping and eventing yards in Ireland, and with Tattersalls Ireland and Horse Sport Ireland.

There are also opportunities to participate in the Study Abroad Programme in third year.

- University of Queensland, Australia
- Texas A&M University, USA
- Iowa State University, USA.

KEY FACT
Ireland produces more thoroughbred foals than any other EU state. We are the third-largest producer worldwide and marketed globally as The Land of the Horse.

Other courses of interest

Agricultural Science →182
Dairy Business →190
Veterinary Medicine →176

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Food & Agribusiness Management

BAgrSc (Hons) (NFQ Level 8)

"The first time I stepped on the UCD campus, I was amazed by the open space, vast range of facilities and vibrant student atmosphere. This, alongside my passion for all things food related, led me to choose Food & Agribusiness Management. The variety of modules in first year help you form a good basis of general knowledge about the agriculture industry. The modules in the years that follow became more specialised, which allowed my interest in food marketing and food business management to grow.

In my third year of studies, I was awarded a travel bursary, whereby I completed my work placement in Poznan, Poland, with ABP Food Group. It was an amazing experience and I returned back to final year with an improved sense of confidence and independence."

Gillian Meagher Student

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→182
Horticulture, Landscape & Sportsturf Management	→195
Dairy Business	→190
Food Science	→192

Why is this course for me?

During the Food & Agribusiness Management degree, you'll learn how the principles of economics and business management apply to farming, food production and marketing. You'll gain an understanding of how the Irish and international food systems deliver food products and services that people want, and how farmers and food manufacturers can produce profitably, while also taking care of the natural environment. The four-year degree provides a unique opportunity to understand both business and science, focusing on the agri-food sector – Ireland's largest indigenous industry. You'll learn skills that can be used across a wide range of jobs both within and outside the agri-food sector.

What will I study?

You'll study core science subjects in first year, and then develop your agribusiness knowledge with specialist modules.

First Year
Agribusiness • Agricultural Economics • Biology • Chemistry • Physics • Mathematics

Second Year
Management • Business Law • Economics • Animal & Crop Sciences

Third Year
Finance • Food Chain Integrity • Meat Science • Econometrics • Marketing • Professional Work Experience

Fourth Year
International Food Marketing • Enterprise Development & Strategy • Agri-Environmental Economics & Policy • Farm Business Management • Communications • Research project

Students spend an average of 40 hours a week attending lectures and tutorials, participating in laboratory-based practical classes and undertaking independent study.

A combination of end-of-semester written examinations and continuous assessment is used. In your final year, you'll also prepare a project on a specific agribusiness research topic.

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, in economic or business issues in agriculture and food; MSc in Marketing; MAgrSc in Agricultural Extension and Innovation and MSc in Food Business Strategy.

Professional Work Experience (PWE) & International Study Opportunities

You will spend the second semester of your third year working in the food and agribusiness industry in Ireland or abroad. This helps you apply the knowledge you have gained, and can lead directly to employment following graduation.

There are also opportunities to take a semester abroad in third year. Possibilities include:

- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA.

KEY FACT
Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.

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According to Bord Bia (the Irish Food Board), China will become the first billion euro market for Irish food and drink exports outside of the UK within the next three years.

China is identified as the top export expansion target for key Irish food sectors, such as dairy, beef, pork, and seafood.

Food Business with Chinese Studies

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN250**

CAO Points Range 2016 460—595

Length of Course 4 Years

DN250 Places 175

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Please Note:
Students interested in progressing to the Food Business with Chinese Studies degree option must undertake one Chinese language module in semester one and transfer to the Food Business with Chinese Studies degree option by the end of semester one.

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 agrifood and agribusiness companies.

What will I study?

The programme brings together the established expertise in the 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 Chinese 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 • Finanical Planning and Control • Soil Science • Intermediate Spoken Chinese 1 and 2 • Intermediate Written Chinese 1 and 2 • Option Modules

Third Year

Students will complete year three of their studies in China at one of UCD's partner Universities, where you will take intermediate or advanced Chinese language courses and a range of interesting and relevant modules. There will be a limited number of language scholarship opportunities available on a competitive basis that will cover tuition fees and accommodation for either one or two semesters in China.

In addition to the benefit of a structured academic programme, students will also experience first hand the diverse culture of China and the vibrant economic growth that the second largest economy in the world has to offer. Living and studying in a different cultural environment will provide students with an eye-opening and life changing experience that will also help you make friends and develop networks across the globe.

Fourth Year

Food and Agricultural Strategy • International Food Marketing • Agricultural Policy • Enterprise Development • Advanced Chinese 1 and 2 • Chinese Economy • Doing Business in China • Option modules

Career and Graduate Study Opportunties

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.

Other courses of interest

Agricultural Science	→182
Animal & Crop Production	→185
Animal Science	→186
Animal Science — Equine	→187
Food & Agribusiness Management	→188

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"I chose to study Dairy Business due to its broad curriculum, international work experience and range of career opportunities. This course delivers a strong grounding in both business and science. I had a mix of lectures across UCD, including business lectures in the Quinn School of Business. The key differentiator about this course is third year. In the first semester, I had the opportunity to complete six months' work experience on a farm in New Zealand. In the second semester, I attended Teagasc Moorepark Research Centre, where my class had lectures from leading agricultural researchers. This experience stands out to employers. The education I have received opens up a wide range of job opportunities in farm management, advisory and leading food businesses."

TJ Hegarty Student

Dairy Business

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN252**

CAO Points Range 2016 440—545

Length of Course 4 Years

Places 20

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

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 semester two of third year, you study at Teagasc Moorepark in areas including:

Grassland Management & Nutrition • Dairy Systems • Applied Breeding & Fertility • Herd Health • Dairy Business project.

In fourth year, you'll consolidate your understanding of earlier modules and pursue a range of business and science modules.

Students spend an average of 40 hours a week, including: lectures and tutorials; laboratory and practical workshops; and independent study.

Assessment varies but involves a combination of projects, continuous assessment and end-of-semester examinations.

Assessment of PWE involves monthly reports, a final report and an interview, upon completion.

Career & Graduate Study Opportunities

In addition to the highly skilled role of dairy farm management, opportunities exist in a wide variety of areas including:

- Research
- Animal feed industry
- Banking
- Teaching
- Consultancy

Research opportunities to Master's and PhD level are available.

Professional Work Experience (PWE)

PWE takes place between July and December (first semester, third year) and offers you the opportunity to visit New Zealand at the busiest time of the dairy farming calendar.

KEY FACT
The UCD Lyons Dairy Research and Education Facility was officially opened on the 19 January, 2016, and is an excellent resource for Dairy Business students.

Other courses of interest

Agricultural Science	→182
Animal & Crop Production	→185
Animal Science	→186
Animal Science — Equine	→187
Food & Agribusiness Management	→188

www.ucd.ie/**myucd/ag**

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"I have a passion for the environment, particularly how agriculture can interact with it in various positive and negative ways. This is what attracted me to the Agri-Environmental Sciences course at UCD. The course has an excellent mix of subjects that have been very beneficial and have provided me with a broad understanding of Agri-Environmental Sciences and its associated disciplines. The course also involves many field trips, which provides valuable practical experience.

For Professional Work Experience, I worked on a large dairy farm in The Agri-Environmental Structures Division of The Department of Agriculture, Food and the Marine and I worked in the Teagasc Advisory Offices in Dundalk. The experience is very broad and has shown me the real world applications of both the agricultural and environmental aspects of the course."

Leo McGrane Graduate

Agri-Environmental Sciences

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN253**

CAO Points Range 2016 430—510

Length of Course 4 Years

Places 20

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

This degree focuses on sustainable management of natural resources (plants, animals, air, soils and water) within the context of agriculture and other land-based industries, and protection of the rural environment for future generations. This specialist applied science degree will equip you for a career at the interface between production agriculture and environmental protection, to give you:

- An understanding of rural environmental issues in Ireland, the EU and worldwide
- A detailed knowledge of sustainable agriculture and land management practice
- The skills to contribute in farming and land-use industries, as either a scientist, planner or policymaker
- First-hand experience of agri-environmental research as a basis for further studies
- Interpersonal and professional skills required in a wide range of career paths

What will I study?

First Year

Focuses on teaching basic sciences relevant to agriculture (especially biology and chemistry) and provides an introduction to rural land-use systems and environmental issues.

Second Year

Focuses on the principles of crop and animal production and applied agri-environmental sciences. Modules include: Ecology • Plant Biology • Soil Science • Applied Zoology • Microbiology • Genetics • Biotechnology

On completion of second year, you have the opportunity to develop real-world scientific field skills through participation in a week-long residential field course in the Burren, Co. Clare.

Third & Fourth Year

Focuses on the environmental impacts of agriculture, while learning practical field and lab-based skills e.g. landscape analysis using GIS. You will also become familiar with national and international policies to protect rural environments. In fourth year, you complete a supervised research project and produce a thesis. This provides an opportunity to study a topic of your own choice more deeply, and gain practical experience of research and scientific writing.

Students spend an average of 40 hours per week attending lectures, tutorials and laboratory-based practical classes, and in undertaking independent study.

A combination of continuous assessment and end-of-semester written examinations is used. A number of modules also involve written assignments and/or project-based work.

Career & Graduate Study Opportunities

Many AES graduates follow career paths as environmental consultants. Others work in State agencies that require both agricultural and environmental management skills, including: Department of Agriculture, Food & the Marine • Teagasc • Environmental Protection Agency • National Parks & Wildlife Service • Local authorities.

A high proportion of AES graduates go on to further studies at postgraduate level.

Professional Work Experience (PWE) & International Study Opportunities

A five-month period of structured PWE takes place in third year.

You can also elect to study abroad for one semester, at universities including: University of California, USA • University of Queensland, Australia • Purdue University, USA.

Other courses of interest

Agricultural Science	→182
Forestry	→194
Horticulture, Landscape & Sportsturf Management	→195
Animal & Crop Production	→185
Landscape Architecture	→162

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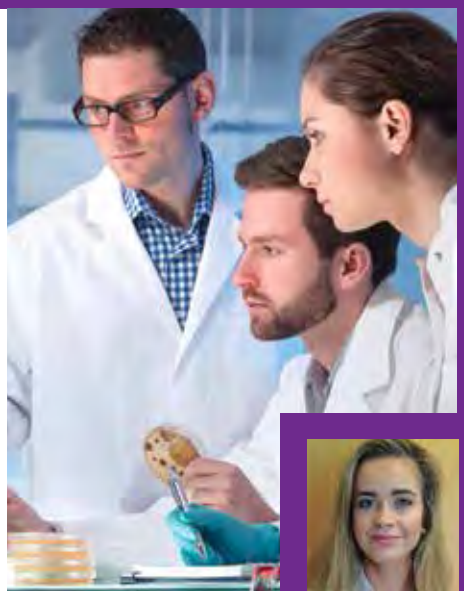
Food Science

BSc (Hons) (NFQ Level 8)



"For anyone with a love of food, whether it is creating new products, quality testing or doing scientific research, you will be exposed to wonderful and endless opportunities while studying Food Science in UCD. After a broad science based first year, subjects covered in second and third year will allow you to apply a food industry perspective through a blend of projects, laboratory practicals and both group and individual assignments.

In third year, I studied abroad for a semester at Cornell University, which was an incredible experience and has made my college journey truly unforgettable. The food industry is global and growing at a fast pace, exciting for those who choose to study a BSc. Food Science and be involved in the new advancements and discoveries made every day!"

Jennifer Lee Claffey Student

CAO Code **DN261**

CAO Points Range 2016 485—570

Length of Course 4 Years

Places 40

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→182
Human Nutrition	→193
Food & Agribusiness Management	→188

Why is this course for me?

Food Science develops your scientific knowledge of how to produce high-quality, safe and nutritious foods for the global market. As a food scientist, you'll have a role to play in all aspects of the food chain, from production at farm level to the retailer and to the consumer.

What will I study?

First Year

Focuses on the core sciences of biology and chemistry. There is also an Introduction to Food, Diet & Health module to give a flavour of later stages of your degree.

Second, Third & Fourth Year

You cover the applied sciences, including:
Food Physics • Food Analysis • Microbiology • Sensory Science

You're introduced to Human Nutrition, before progressing to the major food science modules, including:
New Product Development • Food Chemistry • Food Processing

The final year focuses on the technology and chemistry of meat, dairy and fermented foods. Food safety and marketing are important aspects of the course. You will also have an opportunity to undertake a research project.

The course involves attending lectures and completing laboratory practicals and sessions to give first-hand experience of operating food processing equipment. There are also many opportunities to work on team-based assignments.

The UCD Food Science Programme is internationally accredited by the Institute of Food Technologists (IFT). This award is granted to educational institutions that have food science programmes which offer curricula and options that the IFT Higher Education Review Board has determined meet the IFT Undergraduate Education Standards for Degrees in Food Science.

Assessment involves end-of-term written exams and a variety of continuous assessments designed to develop skills for success, including report writing, oral, poster and video presentations, and food formulation exercises.

Career & Graduate Study Opportunities

Graduates have excellent employment prospects with national and international companies in:

- Production management
- Nutrition
- Food quality and safety
- Sales & marketing
- New product development and research

There are also excellent graduate study opportunities available.

Professional Work Experience (PWE) & International Study Opportunities

Five months' PWE in the food industry in third year is an integral part of the degree. Students are also encouraged to take a semester abroad and participate on the Agriculture Study Abroad Programme.

Possibilities include:

- Michigan State University, USA
- Purdue University, USA
- Kansas State University, USA
- University of California, Davis, USA
- University of Queensland, Australia
- Cornell University, USA.

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"Nutrition is an ever-evolving, exciting and highly relevant field to be involved in. Studying the subject was an obvious choice for me and from day one, I felt right at home. UCD is such a vibrant place to be; the atmosphere around campus and warmth of the students are second to none.

The 10-month work experience placement in third year was a real eye-opener to the scope of the nutrition world. It allowed me to develop a strong, self-motivated work ethic, interpersonal and time management skills, which will be invaluable in the working world.

I am currently undertaking a research Master's investigating the Determinants of Malnutrition in the Elderly. This is proving to be a fantastic opportunity to add further depth to my knowledge and to work closely alongside my lecturers, who have excellent research backgrounds."

Laura Bardon Student

Human Nutrition

BSc (Hons) (NFQ Level 8)

CAO Code **DN262**

CAO Points Range 2016 530 — 555

Length of Course 4 Years

Places 27

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Health Screening & Garda Vetting
See page 197

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 • 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 and participating in laboratory workshops, and undertake independent study.

A combination of end-of-semester written examinations and continuous assessment is used. In third and fourth year, you'll complete comprehensive research projects.

AfN ACCREDITED COURSE ACCREDITATION NO. AC211

The Human Nutrition Programme at UCD is accredited by the Association for Nutrition.

Career & Graduate Study Opportunities

Graduates have found employment in:

- The food industry
- Nutrition research
- Health promotion

You can also train as a public health nutritionist through further study and/or applied practice. Food and health have been identified as strategically significant in UCD. As such, development of internationally recognised research groups in food and health in UCD has resulted in a substantial increase in recruitment of PhD and MSc (Research) posts.

Professional Work Experience (PWE) & International Study Opportunities

A 10-month PWE programme allows you to graduate with the skills necessary to enter the working world.

Opportunities for international study exist through the PWE component and, upon graduation, through world-class research groups in international universities.

KEY FACT
The UCD School of Agriculture and Food Science is the first destination of choice for students in Ireland interested in developing their careers in Agriculture, Food Science and Human Nutrition.

Other courses of interest

Agricultural Science	→182
Food Science	→192
Medicine	→139
Health & Performance Science	→157

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Forestry

BAgrSc (Hons) (NFQ Level 8)

"Initially, I chose Forestry because I had an interest in wildlife and the environment. However, after studying Forestry for a number of years, the complexity of the subject became more apparent. For example, with the current concern for global climate change, Forestry is now more focused on both the environmental and social aspects of forest management, as well as economics.

The Forestry course in UCD provides a deep academic understanding of the current forestry industry in Ireland, as well as internationally, and also provides practical opportunities to develop this understanding further. Forestry, as I see it, also has a bright future and will continue to expand and develop due to the multiple uses that forests provide, such as timber production, recreation, biodiversity conservation and carbon sequestration.

Darragh Fadden Student

CAO Code **DN271**

CAO Points Range 2016 275—485

Length of Course 4 Years

Places 15

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest

Agricultural Science	→182
Agri-Environmental Sciences	→191
Horticulture, Landscape & Sportsturf Management	→195
Landscape Architecture	→162

Why is this course for me?

Forestry is the science, art and practice of managing forests. Carbon sequestration, timber production, renewable energy resources, wildlife management, urban forestry, adaptation for climate change, and the conservation of genetic resources are all aspects of modern forestry that are covered in the course. Also covered are the protection and enhancement of biodiversity, soils and water quality, as they are highly relevant in the creation and management of forests that provide society with essential goods and services. Foresters employ the latest information and communication technology, such as geographic information systems (GIS), remote sensing, forest growth modelling and decision support systems to support good management and sustainable practice, and the course provides a good introduction to this technology.

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

Soil Science • Plant Ecology • Tree Structure & Function • Principles of Forestry • Professional Forestry Practice • Elective modules

Third Year

Forest Management • Forest Establishment • Forest Protection • GIS & Remote Sensing • Wood Science • Elective modules • Professional Work Experience

Fourth Year

GIS & Forest Inventory • Forest Management Plan • GIS & Experimental Design • Scientific Research Project • Elective modules

Students spend approximately 40 hours a week attending field work sessions and tutorials, and undertake independent study.

Assessment includes continuous assessment (e.g. class tests, essays) and end-of-semester written examinations. In your final year, assessments are largely based on the project reports.

Career & Graduate Study Opportunities

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 five months' PWE and are encouraged to experience both Irish forestry and forestry in a foreign country.

In third year, a number of forestry students have studied for a semester in:

- Michigan State University, USA
- Purdue University, USA
- Iowa State University, USA.

www.ucd.ie/**myucd/ag**

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"I chose to study Horticulture, Landscape and Sportsturf Management in UCD, as I knew I could combine my love of nature, outdoors and science. The course provides a strong foundation in science with engaging hand-on classes and fieldtrips.

My third-year Professional Work Experience in Ballymaloe House and Gardens was a defining point in my degree. I loved working with a range of different plants, improving my plant identification skills, working with integrated pest management, organic food production and greenhouse management.

I also got the opportunity to be Secretary of the Horticulture Society, which is now a booming vibrant society. We have a community garden, polytunnel, and apiary, and organise horticulture-based talks and tours."

Ruth Farnan Student

Horticulture, Landscape & Sportsturf Management

BAgrSc (Hons) (NFQ Level 8)

CAO Code **DN272**

CAO Points Range 2016 285—470

Length of Course 4 Years

Places 16

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
O6/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd

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

Level 6/7 Progression Routes
See www.ucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Why is this course for me?

Horticulture is the art, science, technology and business of plant cultivation for human use. If you like biology or other science subjects, or you're interested in business studies, home economics or languages, then this course may be for you. It will give you an appreciation of the importance of plants for human life and well-being. The course covers the sciences, environmental studies, business, management and communications, as well as growing food and non-food plants. Landscape & Sportsturf Management focuses on the science behind developing and maintaining Ireland's designed landscapes, golf courses, tennis courts and sport pitches. The objectives of this degree are to give you:

- Knowledge of the growth, development and protection of plants, and use of plants for food, leisure, sports, social and environmental benefits
- An understanding of horticultural plant production systems and how their components are integrated and managed in an environmentally friendly and sustainable manner
- The skills to become a competent, competitive and confident leader who will excel in the national or global horticulture community as a professional horticulturist or horticultural scientist

What will I study?

You'll study core science subjects in first year, and then develop your horticulture knowledge with specialist modules.

First Year
Plants and People • Landscape & Sportsturf Management • Agricultural Economics • Biology • Chemistry • Physics • Mathematics

Second Year
Management • Soil Science Basics • Plant Ecology • Plant Biology • Fundamentals of Horticulture • Health, Welfare & Safety in Agriculture

Third Year
Plant Protection • Pests • Soil Science Applications • Plant Diseases: Biology & Control • Landscape, Trees & Shrubs • Professional Work Experience

Fourth Year
Food Production: Mushrooms, Fruits, Vegetables etc & Post Harvest Physiology • Enterprise Development & Strategy • Research project • Nursery, Garden Centre & Retail Horticulture • Professional Communications

Students spend an average of 40 hours a week attending lectures, tutorials and laboratory practicals and participating in industry site visits and field and greenhouse workshops, and undertake independent study and research.

Assessment includes continuous assessment (e.g. class tests, essays) and end-of-semester written examinations. In your final year, assessments are largely based on the project reports.

Career & Graduate Study Opportunities

This degree maintains strong links with the horticulture industry. Career opportunities include management, technical advisory, consultation, research, quality assurance and sales or marketing positions, working for companies or within your own business. Opportunities also exist in state, semi-state, EU and international organisations. Your transferable skills will make you highly employable in other industries. Master's and PhD degrees are also available.

Professional Work Experience (PWE) & International Study Opportunities

All or part of your five-month PWE in third year can be taken abroad, with possibilities including Japan, New Zealand, Australia, USA, Britain and Europe. Studying abroad for one semester is also a popular option for many students.

Other courses of interest

Agricultural Science	→182
Agri-Environmental Sciences	→191
Forestry	→194
Landscape Architecture	→162

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Top Ten Tips for Applying to UCD

1

Talk to your guidance counsellor.

2

Study this prospectus and decide on a shortlist of the courses which interest you.

3

Check the entry requirements in this prospectus, or visit **www.ucd.ie/myucd/entryrequirements** 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 which 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

If you have even the slightest interest in a restricted application course, make sure to select it on your CAO form by **1 February** – you can always remove it later, but you can't add it later. Also ensure you apply for any relevant tests where 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.

What do I need to know before I apply?

Is there an age requirement?

Yes. You must be 17 years of age by 15 January following entry. For entry in 2018 your date of birth must be on or before 15 January 2002. 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/myucd/matriculation**.

Is Irish always required?

A pass in Irish (O6/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/myucd/matriculation** 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 (O6/H7) in English (or equivalent in other exams). Mathematics is required for many courses. In addition, some courses require a third language and/or a laboratory science subject. Full details are available in our *Summary Entry Requirements* document, available at **www.ucd.ie/myucd/entryrequirements**.

Are there other special entry requirements for courses?

- Applicants for Medicine (DN400) are assessed on a combination of their school-leaving qualifications and the Health Professions Admission Test – Ireland (HPAT – Ireland). In addition to the CAO application, applicants must register for the HPAT – Ireland at **www.hpat-ireland.acer.edu.au**.
- Applicants for Veterinary Medicine (DN300) are required to complete two weeks practical experience relevant to animal handling. For more information see: **www.ucd.ie/registry/admissions/vet.html**.
- Applicants for mature and graduate entry for some courses will also need to take tests such as MSAP – Ireland or GAMSAT. See the Mature and Graduate Entry sections on page 200 and 201 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), Physiotherapy (DN420), Biomedical, Health & Life Sciences (DN440), and Nursing & Midwifery (DN450, DN451, DN452, DN453), Human Nutrition (DN262) are required to undergo a mandatory healthcare screening process prior to admission and from time to time thereafter, in accordance with a stringent healthcare screening policy. There are associated fees for these procedures. Students applying to these courses can find further information on these processes and policies and an up-to-date list of courses requiring screening at: **www.ucd.ie/registry/admissions/healthscreen.html.**

Student Garda Vetting

Applicants to certain courses will also be required to complete an application to the National Vetting Bureau and/or overseas police certificate. At present, the courses requiring Student Vetting include Human Nutrition (DN262), Veterinary Nursing (DN310), Medicine (DN400 and DN401), Radiography (DN410), Physiotherapy (DN420), Nursing & Midwifery (DN450, DN451, DN452, DN453) and Sports and Exercise Management (DN430). Details are available at **www.ucd.ie/registry/admissions/vetting.html.**

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/academicsecretariat/pol.htm**.

For more frequently asked questions, please see

www.ucd.ie/myucd/admissionsfaq

Information for applicants applying on the basis of:

Irish Leaving Certificate

Minimum entry requirements

- To matriculate on the results of the Leaving Certificate, a student must present at least six recognised subjects selected according to course requirements (see Entry Requirements for each course) and must obtain at least Grade H5 in two subjects and Grade O6/H7 in the remaining four subjects.
- A student may normally combine the results of Leaving Certificate examinations obtained in different years for Matriculation Registration purposes. This concession applies to Matriculation Registration only; it does not apply to the calculation of points. However, it should be noted that students seeking to enter Medicine must meet the minimum entry requirements, including both Leaving Certificate points and matriculation, in the same sitting of the Leaving Certificate.

Acceptable subjects

All subjects of the current Leaving Certificate examination are accepted for Matriculation Registration purposes, with the following exceptions and qualifications:

i. Gaeilge – Bonnleibhéal (Irish – Foundation Level) will not be accepted for Matriculation Registration purposes.

ii. Mathematics Ordinary Alternative/ Foundation Level will be accepted for Matriculation Registration purposes, but not as a substitute for the subject Mathematics in courses for which the subject Mathematics is currently an entry requirement.

Leaving Certificate points are not awarded for either of these subjects.

Applicants presenting Leaving Certificate results from previous which include subjects no longer offered should email admissions@ucd.ie for advice with regard to acceptability and any exclusions which may apply.

NB

The Leaving Certificate Applied Programme is not an acceptable qualification for matriculation purposes.

Combination of subjects not permitted

- The subject "Physics and Chemistry" may not be presented with either "Physics" or "Chemistry".
- "Agricultural Economics" may not be presented with "Economics".
- "Classical Studies" may not be presented with "Latin" or "Greek".

Laboratory science subjects

The following subjects in the Irish Leaving Certificate are recognised laboratory science subjects:

Agricultural Science • Biology • Chemistry • Physics and Chemistry (Joint) • Physics.

For Science (DN200) only, Applied Mathematics or Geography may also be used as a laboratory science subject.

For Veterinary Nursing (DN310) only, Home Economics (Social & Scientific) may also be used as a laboratory science subject.

Assessment of applications

Admission to most undergraduate courses is extremely competitive. Entry is normally based on the points system for students presenting Irish Leaving Certificate examinations. Points are awarded as follows.

%	Grade	Points Higher Paper	Points Ordinary Paper
90-100	1	100	56
80-89	2	88	46
70-79	3	77	37
60-69	4	66	28
50-59	5	56	20
40-49	6	46	12
30-39	7	37	N/A

	Grade	Points
Leaving Certificate Vocational Programme (LCVP) Link Modules	Distinction	66
	Merit	46
	Pass	28

Notes

- Minimum points requirements can change from year to year as they are dependent on demand for each course, as well as the number of places available.
- For entry in 2018, 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/myucd/hpat**.
- For scoring of pre 2017 Leaving Certificate examinations, please see: **www.ucd.ie/registry/admissions/points.html.**

A-Level/GCSE examinations

Minimum entry requirements

Grade C 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 better at A-Level. Subjects must include relevant UCD course entry requirements. See **www.ucd.ie/myucd/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. AVCE subjects are not currently accepted for matriculation or entry purposes. UCD does not currently accept vocational or applied subjects.

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 at GCSE
- Where Leaving Certificate O3 is shown, the minimum requirement is Grade B at GCSE
- Where Leaving Certificate H4 is shown, the minimum requirement is Grade C at A-Level
- Where Leaving Certificate H3 is shown, the minimum requirement is Grade B at A-Level

Grades required

As the number of eligible applicants is greater than the number of places available, admission to undergraduate courses is based on the points system.

Applicants will need to achieve grades equivalent to the Leaving Certificate points required to enter a UCD degree programme. A maximum of four A-Level (A2) or AS grades, not GCSE grades, will be considered for Leaving Certificate points comparison purposes. For most recent information see: **www.ucd.ie/registry/admissions/alevel.html.**

Indicative points equivalence

Indicative equivalence of A and AS-level examination grades with Irish Leaving Certificate points will operate for entry in 2018. The comparison table can be viewed at: **www.ucd.ie/registry/admissions/alevel.html.**

Notes

- A maximum of four recognised subjects will be counted (Please see **www.nui.ie/college/entry-requirements.asp** for details).
- If 4 A-levels are presented, the 4th A-level (lowest result) will be scored at a lower weighting.
- An applicant's score will be calculated on the basis of either of the following: their best 4 A level subjects from one academic year or their best 3 A level subjects from one academic year plus one AS in a different subject from the same or the preceding academic year only.
- In 2018, 25 additional points will be awarded for a grade E or better 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/registry/admissions/eu.html**.

Non-EU applicants

UCD welcomes applicants from non-EU countries. Further information on application and entry requirements is available at **www.ucd.ie/international** (select 'Study at UCD' and your country) or from the UCD International Admissions Team (**internationaladmissions@ucd.ie**).

NB

If you were born outside the Republic of Ireland, you do not require Irish as a subject for entry to UCD.

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 2018, your date of birth must be on or before **1 January, 1995**.

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/registry/admissions/MYcourse.html** for details of what is required for programme.

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. Applicants should read it carefully, taking particular note of the sections pertaining to mature student applications.

When should I apply?

The opening date for CAO applications is early **November 2017**. For most of our programmes the closing date is **1 February 2018**. Completed CAO application forms and all supplementary information should be returned to the CAO by this date. (There is a reduced application fee for applications made prior to 20 January.) Some courses may accept late applications up to **1 May 2018** but this is subject to the availability of places.

For dates of additional tests, please see page 213.

How are applications assessed?

All applications on the grounds of mature years received by the **1 February** closing date are forwarded from the CAO to UCD. The relevant Programme Board then evaluates applications. Generally, the Programme Board is looking for evidence of academic ability, as well as interest in and aptitude for the programme for which you have applied. See **www.ucd.ie/maturestudents** for details of what is taken into account for each programme.

NB

Applications submitted by **1 February** are processed and forwarded to the relevant Programme Boards by mid-March. Applicants must ensure that all supporting documentation is submitted to the CAO within seven days of application.

When will I know the outcome of my application?

If you're offered a place, you'll receive an official offer from the CAO, usually in early July. However, we generally advise mature applicants of the decision in advance when the decisions are received from the Programme Board. Please note that, in accordance with CAO procedures, applicants will only be offered their highest successful preference so it is extremely important that you fill out your CAO choices in order of *genuine preference*.

The CAO offer will state the date by which you must accept the place. Places that have not been accepted by that date will be offered to other applicants at a later stage. Consequently, mature applicants may receive an offer in later rounds. **If you plan to be away from home between July and September, make sure to access the CAO online to check the status of your application or arrange for someone to deal with your post for you.**

Please Note

You must ensure that *all* relevant information is submitted to the CAO. **There is no separate UCD application form, although some courses require a supplementary statement.**

www.ucd.ie/maturestudents provides advice for personal statements. Your documents must arrive in the CAO within seven days of the submission of the online application.

Contact us with your queries

UCD Registry - Admissions is available to help you with the application process. You can email: **mature.students@ucd.ie** or call: **01 716 1536**.

University Access Courses

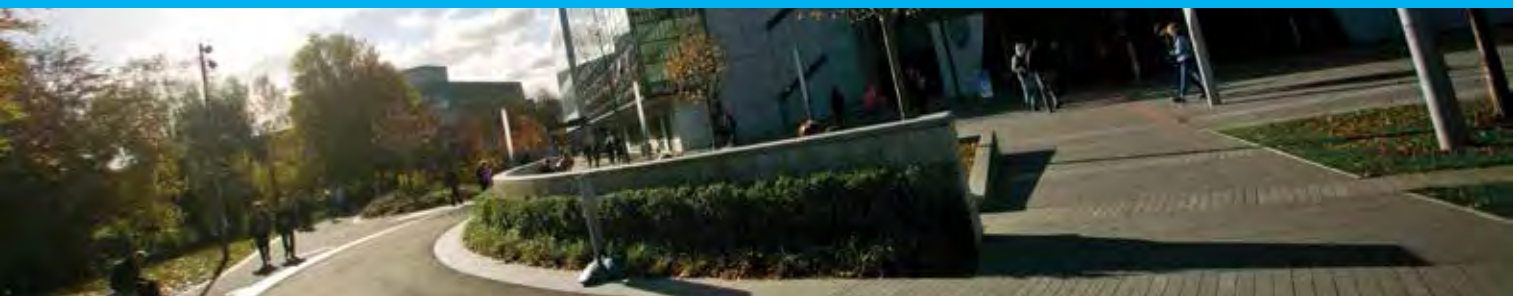
UCD offers part-time access courses, which prepare adults for third level study. University Access is available to Arts, Humanities, Social Sciences, Law, Science, Engineering and Agricultural Sciences.

For more information, contact UCD Access & Lifelong Learning:
Call **+353 1 716 7584**
or visit **www.ucd.ie/all/study.**

Part-time Learning

Over 250 modules across 30 subjects are available for adults learners who wish to study on a part-time bases. 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. There are no formal entry requirements – all learners are welcome.

For further information visit
www.ucd.ie/all/study
or call **+353 1 716 7123**.



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 only)
- DN420 Physiotherapy

Further information is available on our website **www.ucd.ie/maturestudents.**

Note

For the graduate entry routes to **Medicine** and **Veterinary Medicine,** separate application for **GAMSAT** is also required. The CAO closing date is **1 February, 2018**.

Further information is available at **http://gamsat.acer.edu.au/.**

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 and Commerce.

QQI-FET routes for other programmes are under consideration. Please see website for updates.

Please see: **www.ucd.ie/registry/admissions/FET.html** for full details

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 2018**) 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 19.

How to apply to DARE?

STEP 1
School leavers must apply to the CAO at **www.cao.ie** by **5.15pm on 1 February, 2018**.

STEP 2
If you wish to be considered for the DARE scheme, you must disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (the SIF is a part of your CAO application) and return it no later than **5.15pm on 1 March, 2018**.

To apply to DARE, you must answer yes to Question 1 (Do you wish to be considered for DARE?) on Section A by **5.15pm on 1 March, 2018**.

STEP 3
Applicants must then complete and return section B Educational Impact Statement and Section C Evidence of Disability to arrive at the CAO by **5.15pm on 1 April, 2018**.

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.**

Higher Education Access Route (HEAR)

The Higher Education Access Route (HEAR) is a college and university scheme which 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, 2018,** and who are resident in the Republic of Ireland may apply to HEAR.

How to apply to HEAR?

STEP 1
Apply online to the CAO by **5.15pm on 1 February 2018**.

STEP 2
No later than **5.15pm on 1 March, 2018**, you must indicate in your CAO application that you wish to apply for the HEAR scheme and you must fully and correctly complete all elements of the HEAR form. (The HEAR form is a part of your CAO application.)

STEP 3
Submit relevant evidence in support of your application to arrive at the CAO by **5.15pm on 1 April, 2018**.

HEAR applications can only be made online at **www.cao.ie**.

Students who accept places in UCD through HEAR must attend a compulsory Orientation Programme. HEAR students are offered a variety of academic, personal and social supports while studying at third level.

More information on HEAR is available from your school guidance counsellor or the UCD Access & Lifelong Learning.

More information on HEAR is available from your school guidance counsellor of the UCD Access & Lifelong Learning. Information can also be found on **www.accesscollege.ie, www.cao.ie** and **www.ucd.ie/all**.

www.ucd.ie/myucd/apply

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 **admissions@ucd.ie.**

EU/EEA Applicants

Those who are applying for admission to the first year of an undergraduate programme in UCD – whether on the basis of the Irish Leaving Certificate, or as an applicant from another EU/EEA country, on grounds of mature years, via the HEAR or DARE routes, or on the basis of QQI-FET – apply via the Central Applications Office (CAO). Applications can be made online at **www.cao.ie**. The normal closing date is **1 February, 2018,** but there is a reduced application fee for applications made prior to **20 January, 2018**.

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, 2018,** at an additional cost. Late applications are not permitted for the following restricted courses, as assessments take place prior to the late closing date:

- DN301 Veterinary Medicine (Graduate Entry)
- DN400 Medicine
- DN401 Medicine (Graduate Entry)

However, applicants may add any of these courses (except DN301) to their application during the CAO Change of Mind period, provided their CAO application at **1 February, 2018,** included the same course at another institution.

Applicants seeking admission through routes for which additional assessment is required may not be eligible to make a late application (e.g. Mature, HEAR and DARE). Please check the relevant web pages at **www.ucd.ie/registry/admissions** for details.

Non-EU Applicants

UCD welcomes applicants from non-EU countries. Non-EU students are eligible to apply for admission to a limited number of places in all programmes except for Nursing courses.

Application is made via **www.ucd.ie/international/apply** except where an agent is used. Further information on application and entry requirements is available at **www.ucd.ie/international** (select 'Study at UCD' followed by your country selection) or on request from the UCD International Admissions Team (**internationaladmissions@ucd.ie**).

How do I know if I am an EU or non-EU applicant?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on **www.ucd.ie/fees** – please note fees status cannot be changed following admission.

Transfer Routes

Applicants who have previously attended third level and wish to start a new course in first year should apply via the CAO. They must declare their previous third-level attendance on the form. Applicants seeking admission to second year or later, apply directly to UCD at: **www.ucd.ie/registry/admissions/transfer.html.** The webiste also has full details of transfer regulations.

Responsibility of Applicant

Whether applying via the CAO or directly to UCD, it is the responsibility of the applicant to ensure that the application is submitted accurately and on time.

It is the responsibility of applicants to provide full and accurate information in their application and to notify the University of any changes or corrections to the original application. UCD may request verification from the issuing authority of any or all details on documentation presented. If documents are found to have been falsified, the awarding body will be notified. Applicants should be aware of the terms and conditions of an offer when accepting. Please see **www.ucd.ie/registry/admissions/terms.html**.

In the light of additional information which was not available at the time of selection, an offer may be amended or, in exceptional circumstances, withdrawn. The University also reserves the right to correct errors where they have been made in the communication of decisions and offers.

The University reserves the right to exclude a candidate who is considered on justifiable grounds to be unsuitable for a place on a particular course according to individual circumstances.

Assessment of Applications

Applications can only be assessed on the basis of information provided with the application. For CAO applicants, all documentation and examination results (including any exemptions granted by NUI), which are being presented for assessment for entry to UCD, must be with UCD Registry Admissions or the CAO no later than the dates below:

Irish Leaving Certificate: 15 August, 2018

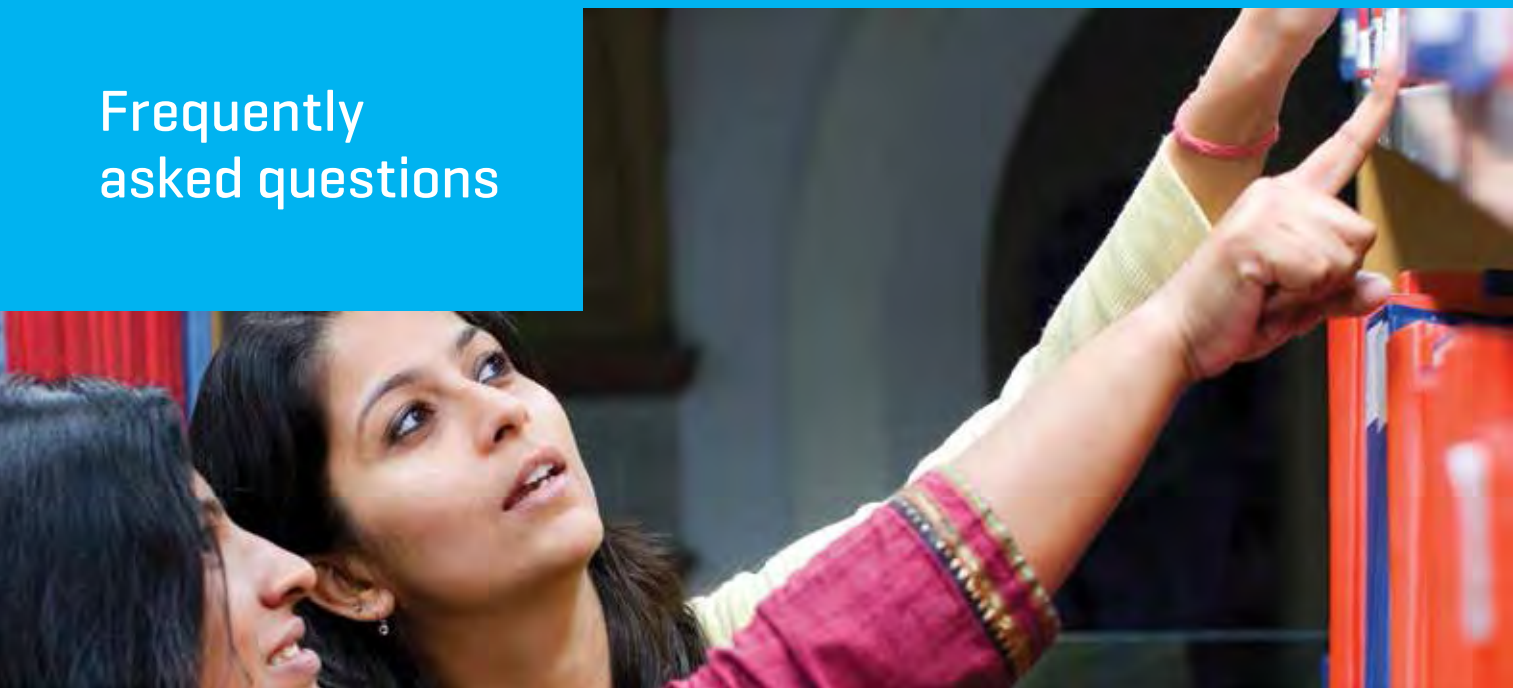
A-Levels: 16 August, 2018

Other school-leaving exams: 31 July, 2018

Other applicants: Please see relevant sections. It may not be possible to gain entry in the current year if documents and/or results are presented later than the relevant dates. This includes rechecked Leaving Certificate results. UCD reserves the right to seek verification from awarding bodies of any documentation presented. Originals of documents may be required at registration.

Non-EU applicants and post-initial-year transfer applicants, please see **www.ucd.ie/apply** for instructions on submitting documents.

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 2018 exams, mention them in your CAO Application and forward the results as soon as they are issued.
- Send transcripts of any previous third-level attendance.
- Send 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.

What documents do I need for Graduate Entry Medicine?

For Graduate Entry Medicine, the CAO must receive an original of your transcript and proof of award. The date of conferring stated clearly on the transcript will suffice for proof of award. Alternatively, a certified copy of the parchment is required. Please see the Graduate Entry Medicine section on **www.cao.ie** for further details.

How long is my GAMSAT result valid for?

GAMSAT results are valid for two years.

I'm an EU applicant for Graduate Entry Medicine. Do I need to take an English language test?

No. Gaining a sufficient result in GAMSAT to gain admission will be taken as proof of English level.

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.

How do I know if I am an EU or non-EU applicant?

Applicants who are unsure whether to apply as an EU applicant via the CAO or direct as a non-EU applicant should follow the EU fee assessment link on **www.ucd.ie/fees** – please note fees status cannot be changed following admission. Please contact **www.ucd.ie/studentdesk/contact** with any queries.

When does the UCD term start?

Lectures are scheduled to start on **10 September, 2018**. However, there are also compulsory orientation events for first-year students in the previous week and you should expect to be on campus from **4 September, 2018**.

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 197.

It is important to note that Healthcare Screening and Student Vetting are compulsory course requirements.

If I get a place, can I defer (take a gap year) before starting?

Yes, it is possible to defer entry to UCD for a year (except DN301). Full details of the deferral procedures and terms and conditions are available at **www.ucd.ie/myucd/defer** and in the CAO handbook.

Please note: there is a limit on the number of deferrals which can be granted.

Where can I get information about fees?

Please see **www.ucd.ie/fees**. See also page 17.

For full list of FAQs please see:

www.ucd.ie/registry/admissions/faqs.html

UCD Entry in CAO Handbook 2018

DUBLIN

UNIVERSITY COLLEGE DUBLIN

www.ucd.ie

Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8
DN 100	Architecture
DN 120	Landscape Architecture
DN 130	City Planning and Environmental Policy
DN 150	Engineering - Common entry with degree options in: • Biomedical Engineering • Biosystems & Food Engineering • Chemical and Bioprocess Engineering • Civil Engineering • Civil, Structural & Environmental Engineering • Electronic & Computer Engineering • Electronic Engineering • Electrical Engineering • Electrical Energy Engineering • Engineering with Business • Energy Systems Engineering • Materials Science and Engineering • Mechanical Engineering • Structural Engineering with Architecture
DN 200	Science **You can only apply for DN200 once.** Common entry leading to a BSc degree in one of 26 degree options. You must select **ONE** of the following three Science streams or select 'No Preference' :

No Preference	**Biological, Biomedical and Biomolecular Sciences**	**Chemistry and Chemical Sciences**	**Mathematical, Physical and Geological Sciences**
Applicants who want to sample a number of degree options from different streams can choose DN200 No Preference. The degree options available in each stream are listed in the adjacent columns.	*Degree Options:* • Biochemistry and Molecular Biology • Cell and Molecular Biology • Environmental Biology • Genetics • Microbiology • Neuroscience • Pharmacology • Physiology • Plant Biology • Zoology • Biology, Mathematics and Education *	*Degree Options:* • Chemistry • Chemistry with Biophysical Chemistry • Chemistry with Environmental and Sustainable Chemistry • Medicinal Chemistry and Chemical Biology • Chemistry, Mathematics and Education *	*Degree Options:* • Applied & Computational Mathematics • Mathematics • Financial Mathematics • Statistics • Physics • Physics with Astronomy and Space Science • Theoretical Physics • Geology • Applied Mathematics, Mathematics and Education * • Physics, Mathematics and Education *

All applicants may change their choice of stream during first year.

Applicants from the Biological, Biomedical and Biomolecular Sciences, Chemistry and Chemical Sciences and the Mathematical, Physical and Geological Sciences streams can also study degree options from other streams in first year and second year.

*These degree options are 5 year courses. Students graduate with a 4-Year Level 8 BSc and then a 1-Year MSc in Mathematics and Science Education.

DN 201	Computer Science - Common entry with guaranteed choice (selected at the end of second year) to pursue one of the following degree options: • Computer Science • Computer Science with Data Science
DN 230	Actuarial and Financial Studies

(Continued)

DUBLIN

UNIVERSITY COLLEGE DUBLIN

www.ucd.ie

(Continued)

Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8	
DN 250	Agricultural Science **You can only apply for DN250 once.** You must select **ONE** of the following options:	
	*** No Preference** Applicants undertake a range of subjects and can decide on their degree option during the first year. The degree options available are listed in the adjacent columns.	**Animal and Crop Production** **Animal Science – Equine** **Animal Science** **Food and Agribusiness Management** **Agricultural Systems Technology** ***Food Business with Chinese Studies**
	All applicants may change their selection during the first year and are guaranteed a place in any of the six degree options. *Students interested in progressing to the Food Business with Chinese Studies degree option must undertake one Chinese language module in semester one and transfer to the Food Business with Chinese Studies degree option by the end of semester one.	
DN 252	Dairy Business	
DN 253	Agri – Environmental Sciences	
DN 261	Food Science	
DN 262	Human Nutrition	
DN 271	Forestry	
DN 272	Horticulture, Landscape and Sportsturf Management.	
DN 300	Veterinary Medicine - Undergraduate Entry	*(Restricted - see page 3)*
DN 301	Veterinary Medicine - Graduate Entry	*(Restricted - see page 3)*
DN 310	Veterinary Nursing	
DN 400	Medicine - Undergraduate Entry	*(Restricted - see page 3)*
DN 401	Medicine - Graduate Entry	*(Restricted - see page 3)*
DN 410	Radiography	
DN 420	Physiotherapy	
DN 425	Health and Performance Science	
DN 430	Sport and Exercise Management	
DN 440	Biomedical, Health and Life Sciences	
DN 450	General Nursing	*(If mature, see page 11)*
DN 451	Children's and General Nursing (Integrated)	*(If mature, see page 11)*
DN 452	Midwifery	*(If mature, see page 11)*
DN 453	Mental Health Nursing	*(If mature, see page 11)*

(Continued)

UCD Entry in CAO Handbook 2018

DUBLIN

UNIVERSITY COLLEGE DUBLIN

www.ucd.ie

(Continued)

Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8
DN 520	Arts: Two-Subject Joint Major or Two-Subject Major/Minor Degrees

You can only apply for DN520 once. Choose one Major subject from the first column in grid below and a second permissible subject from the top row from **either** the 'Joint Major' table **or** the 'Minor' table:

	Joint Major																					Minor					
	Art History	Celtic Civilization	Drama	English	French	Geography	German	Greek	Greek & Roman Civilization	History	Irish	Irish Folklore	Irish Studies	Italian	Latin	Linguistics	Mathematics	Music	Philosophy	Political Studies	Spanish	Statistics	Archaeology	Film Studies	Geography	Information & Communication	Philosophy	Sociology
Art History	-	✓	✓	✓	✓	-	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	✓	-	-	✓	✓	-	✓	✓	-	✓	-
Celtic Civilization	✓	-	-	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	✓	-	-	-	-	-	-	-
Drama	✓	-	-	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓	-	-	-	-
English	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	-	✓
French	✓	-	-	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓	-	-	-	-
German	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	✓	-	✓	-	-	-	✓	-	✓	-	-	-	-
Greek	✓	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	✓	-	-	-	-	-	-	-
Greek & Roman Civilization	-	✓	✓	✓	✓	-	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	✓	-	-	✓	-	-	✓	-	-	-	-
History ±	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-	✓	✓	-	✓	✓	-	-	✓	✓
Irish	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓	-	-	✓	✓	-	✓	-	-	-	-
Irish Folklore	-	✓	✓	✓	✓	-	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	✓	-	-	✓	-	-	-	-	-	-	-
Irish Studies	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	✓	-	✓	-	-	-	-	-	-	-	-	-	-
Italian	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓	-	-	✓	-	-	✓	-	-	-	-
Latin	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	✓	-	-	✓	-	-	-	-	-	-	-
Linguistics	-	✓	✓	✓	✓	-	✓	✓	-	✓	✓	-	✓	✓	✓	-	✓	✓	-	-	✓	✓	-	-	-	✓	-	-
Music	✓	✓	✓	✓	✓	-	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	-	-	✓	✓	-	✓	-
Spanish	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	✓	-	✓	-	-	-	✓	-	✓	-	-	-	-

± This subject can be taken as a Single Major in Year 2 and 3.

DN 530 Humanities

You can only apply for DN530 once. You must select **ONE** of the following degree options:

Celtic Studies, Art History and History	**Classics, Art History and Archaeology**	**Classics, English and History**
English Literature	**English with Creative Writing ±**	**English, European and World Literatures**
English, Drama and Film	**Languages, Linguistics and Cultures**	**Music, Film and Drama**

± Progression to the 'English with Creative Writing' pathway will be determined by the standard of a creative writing portfolio submitted at the end of Year 1. Students who do not progress to the 'English with Creative Writing' pathway will complete their final three years as 'English Literature' students.

DN 541 Modern Languages

You can only apply for DN541 once. You must select **ONE** of the following options which represent your preferred two-language option:

	French	German	Italian	Spanish
French	-	✓	✓	✓
German	✓	-	✓	✓
Italian	✓	✓	-	✓
Spanish	✓	✓	✓	-

Applicants wishing to take three languages may select a third at the start of term.

(Continued)

UNIVERSITY COLLEGE DUBLIN

www.ucd.ie

(Continued)

Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

Code	Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8
DN 600	Law **You can only apply for DN600 once.** You must select **ONE** of the following options: **Law (BCL)** · **Law with Chinese** · **Law with Economics** · **Law with French Law**** · **Law with History** **Law with Irish** · **Law with Politics** · **Law with Philosophy** · **Law with Social Justice** ** Suitably qualified candidates may be offered the opportunity at the end of first year to proceed to the BCL/Maitrîse programme. For further details see the UCD Prospectus entry for Law with French Law
DN 610	Business and Law
DN 650	Commerce
DN 660	Commerce International **You can only apply for DN660 once.** You must select **ONE** of the following options which represent your preferred two-language option: Following semester 1, students will decide which language to continue with to degree level (Minor) and which language to drop.
DN 670	Economics and Finance
DN 700	Social Sciences **You can only apply for DN700 once.** You must select **ONE** of the following five options: TSC, CSS, EMS, LSS or PPE **TSC** Two subjects *(see choices below)* · **CSS** Computational Social Science · **EMS** Economics, Mathematics and Statistics · **LSS** Landscapes and Society · **PPE** Philosophy, Politics and Economics Applicants choosing CSS, EMS, LSS or PPE may change to the two-subject combination (TSC) before Year 2. ± These subjects can be taken as single honours in Year 3 and 4.
DN 710	Economics
DN 720	Psychology
DN 750	Social Policy and Sociology

	Chinese	French	German	Italian	Spanish
Chinese	-	✓	✓	✓	✓
French	✓	-	✓	✓	✓
German	✓	✓	-	✓	✓
Italian	✓	✓	✓	-	✓
Spanish	✓	✓	✓	✓	-

Two Subjects
Choose a Social Sciences Major subject from the column below and a second permissible subject from the row across (in **either** the Joint Major or Minor table)

	Joint Major: Archaeology	Economics	Geography	Information and Communication Studies	Philosophy	Politics	Sociology	History	Mathematics	Social Justice	Statistics	Minor: Art History	Celtic Civilization	English	Greek	Greek & Roman Civilization	History	Irish Folklore	Linguistics	Music	Chinese	French	German	Irish	Italian	Spanish
Archaeology ±	-	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	✓	-	✓	-	-	✓	-	-	✓	-	-
Economics	✓	-	✓	✓	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	✓	-	-	-	✓	-	✓	✓	-	-
Geography	✓	✓	-	✓	✓	✓	✓	-	✓	✓	✓	-	-	✓	-	✓	✓	-	✓	-	✓	-	-	✓	-	-
Information and Communication Studies	✓	✓	✓	-	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓	-	-	✓	-	-
Philosophy ±	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	-	-	-	✓	-	-	-	✓	-	✓	-	-	✓	-	-
Politics ±	✓	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓
Sociology	✓	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	-	✓	-	-	-	-	✓	-	✓	-	✓	✓	✓	-

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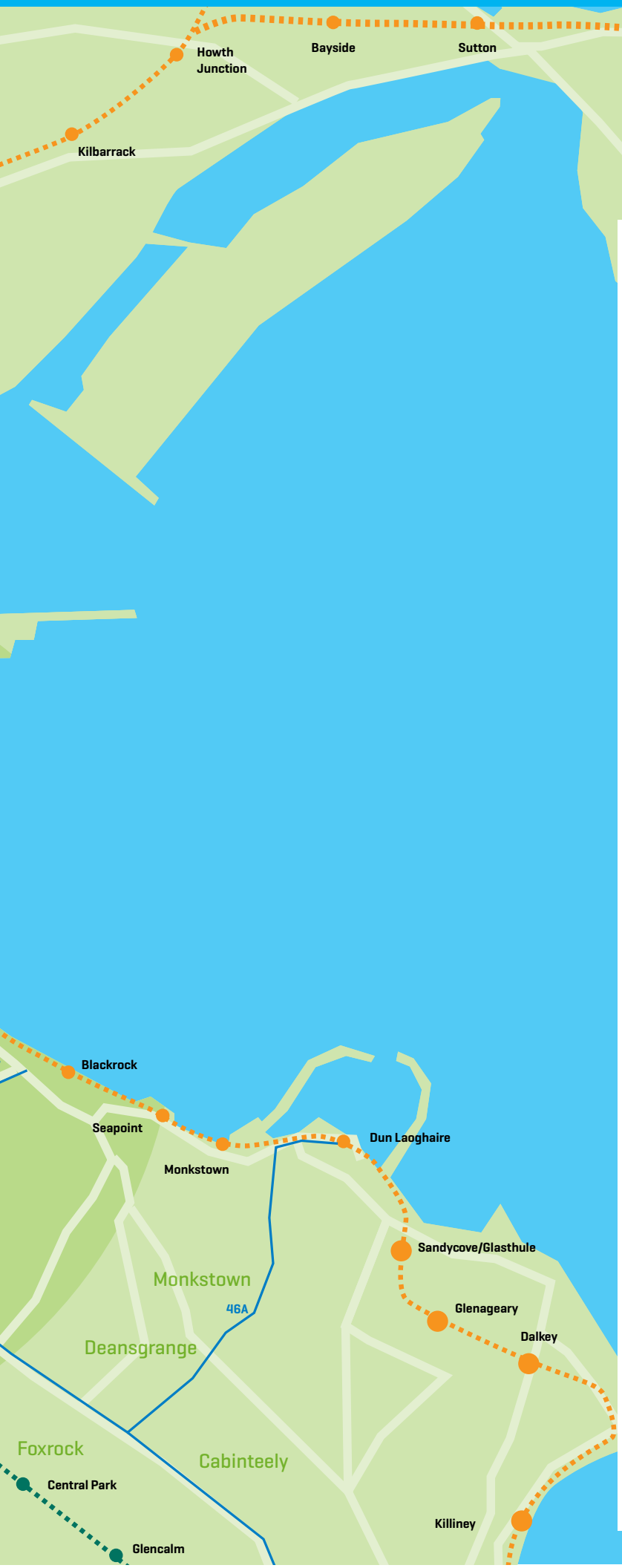
Finglas
Artane
Coolock
Glasnevin
Whitehall
Raheny
Ashtown
Broombridge
Donnycarney
Raheny
Killester
Drumcondra
Harmonstown
Fairview
Drumcondra
Clontarf Road
Clontarf
39A
27X
32X
Museum
Smithfield
Four Courts
Jervis St
Abbey St
Busaras
Connolly
George's Dock
Mayor Street
Spencer Dock
The Point
67X
25X
66X
41x
142
Tara St
Heuston
145
Pearse
Ringsend
Dolphins Barn
St Stephen's Green
Grand Canal
James
Goldenbridge
Rialto
Rialto
Fatima
142
Harcourt
Ballsbridge
Lansdowne
Blackhorse
Drimnagh
Charlemont
Drimnagh
Bluebell
Crumlin
Harolds Cross
67X
Sandymount
Kylemore
77X
Ranelagh
27X
Donnybrook
7D
Rathmines
Cowper
145
Sydney Parade
7B
Beechwood
11
Booterstown
17
Clonskeagh
142
Milltown
7B 7D 25x 32x
39a 41x 46a 51x
66x 67x 116 145
Kimmage
Terenure
UCD DUBLIN
N11 Entrance
Clonskeagh Entrance
17
Windy Arbour
17
Rathfarnham
Templeogue
17
Dundrum
Willbrook
Dundrum
11
Goatstown
47
10 MINUTE CYCLE
Balally
11
Ballyboden
Kilmacud
Stillorgan
46A
Stillorgan
Ballinteer
Sandyford
Sandyford
20 MINUTE CYCLE



Transport Links

The Belfield campus is located 4km from Dublin city centre on the N11. With thousands of students and staff attending the University every day, there are many travel options from the various parts of the city, and indeed the whole country. Many bus routes service Belfield (mostly along the N11 quality bus corridor), taking you to and from the city, local suburbs and beyond.

The local DART station, at Sydney Parade, is within walking distance. It will take you north to Howth and Malahide and south to Greystones. A shuttle bus service between UCD and Sydney Parade Dart Station operates during term time between the hours of 8am to 10am, and from 4pm to 6pm. Please see **http://ucdestates.ie/commuting/getting-here/shuttle/** for more details.

The DART interconnects with the Red Luas line at Connolly Station/Busaras, which in turn connects with Heuston Station. During term, a feeder bus operates from Sydney Parade, Dart Station to UCD at peak times. The 145 Dublin Bus Route also offers a direct bus service from UCD to Heuston Station.

The Green Luas line, at Windy Arbour and Milltown, is also within walking distance.

For the most up-to-date information on bus services near UCD, visit **www.dublinbus.ie**. Please note, Dublin Bus routes are subject to change.

Below is a list of routes serving UCD and nearby areas, at the time of going to print.

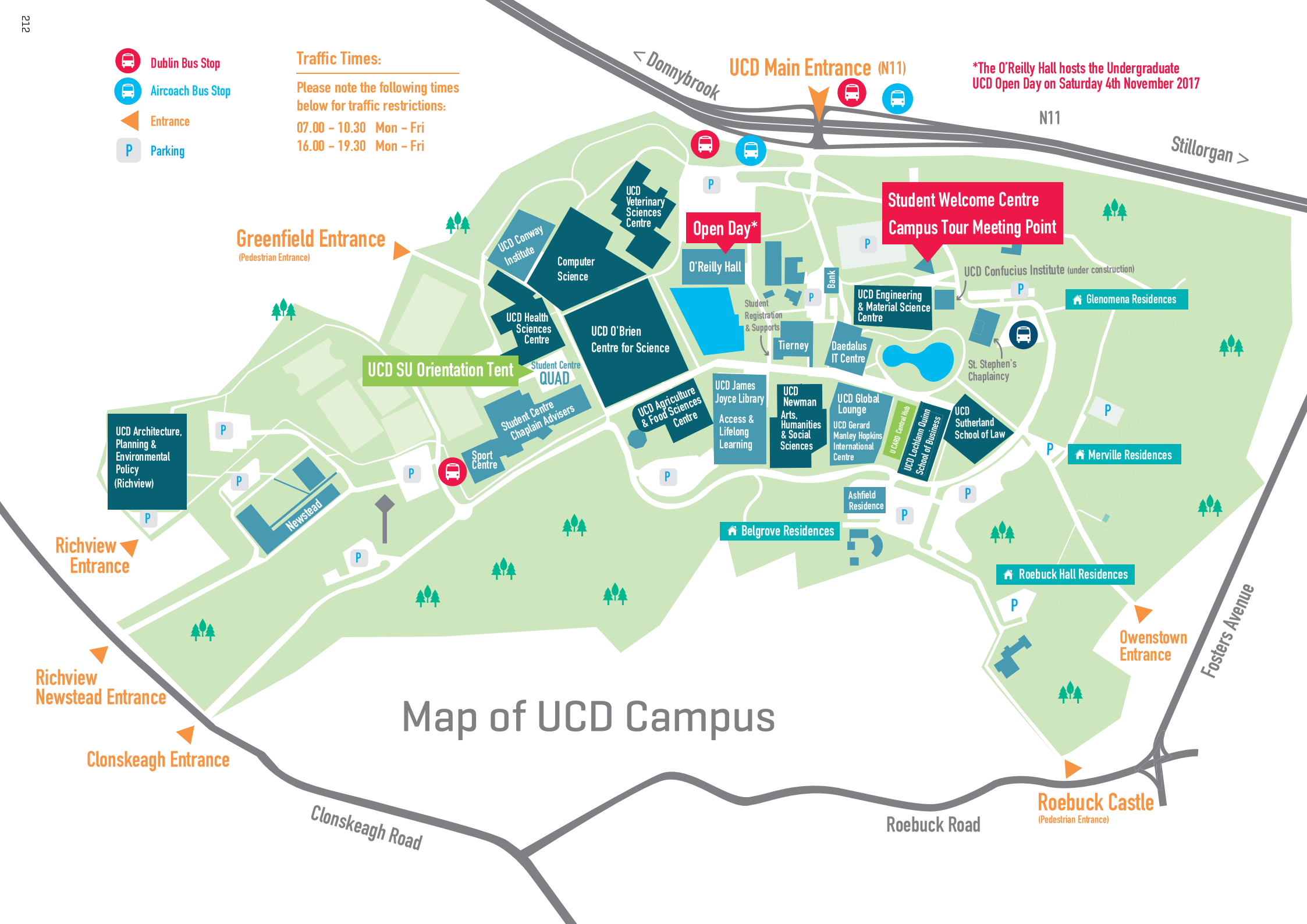
7B, 7D, 11, 17, 25x, 27x, 32x, 39A, 41x, 46A, 46E, 46N, 47, 51x, 66x, 67x, 77x, 84N, 84x, 116, 118, 142*, 145

*to Portmarnock

Please also see ucd.hittheroad.ie, which will help you plan your journey to or from UCD using public transport.

Students holding a Student Travel Card **(www. studenttravelcard.ie)** can save money on their transport costs (bus, DART, LUAS and train). UCD students can apply for this on campus or from Dublin Bus or Iarnród Éireann.

- Walking distances
- 10 minute cycle distances
- 20 minute cycle distances
- Green Luas line and stations
- Red Luas line and stations
- DART line and stations
- DART feeder bus
- Bus routes
- Main roads


Dublin Bus Stop
Aircoach Bus Stop
Entrance
P Parking
Traffic Times:
Please note the following times below for traffic restrictions:
07.00 – 10.30 Mon – Fri
16.00 – 19.30 Mon – Fri
*The O'Reilly Hall hosts the Undergraduate UCD Open Day on Saturday 4th November 2017
< Donnybrook
UCD Main Entrance (N11)
N11
Stillorgan >
Greenfield Entrance
(Pedestrian Entrance)
UCD Veterinary Sciences Centre
UCD Conway Institute
Computer Science
UCD Health Sciences Centre
UCD O'Brien Centre for Science
Open Day*
O'Reilly Hall
Student Welcome Centre
Campus Tour Meeting Point
Bank
Student Registration & Supports
Tierney
Daedalus IT Centre
UCD Engineering & Material Science Centre
UCD Confucius Institute (under construction)
Glenomena Residences
St. Stephen's Chaplaincy
UCD SU Orientation Tent
Student Centre QUAD
Student Centre Chaplain Advisers
Sport Centre
UCD Agriculture & Food Sciences Centre
UCD James Joyce Library
Access & Lifelong Learning
UCD Newman Arts, Humanities & Social Sciences
UCD Global Lounge
UCD Gerard Manley Hopkins International Centre
UCD Lochlann Quinn School of Business
UCD Sutherland School of Law
Merville Residences
UCD Architecture, Planning & Environmental Policy (Richview)
Newstead
Ashfield Residence
Belgrove Residences
Roebuck Hall Residences
Richview Entrance
Owenstown Entrance
Fosters Avenue
Richview Newstead Entrance
Clonskeagh Entrance
Clonskeagh Road
Roebuck Road
Roebuck Castle
(Pedestrian Entrance)
Map of UCD Campus

Important Dates for Applicants

Circa 6 November 2017*
CAO applications for 2018 open

4 November 2017
UCD Open Day

20 January 2018
- Final date for CAO online discounted application fee of €25*
- Normal closing date for HPAT registration*

1 February 2018
- Normal CAO closing date at application fee of €40*
- Final date for CAO application for restricted application courses and for application on grounds of mature years for many courses
- Normal closing date for GAMSAT registration*
- Late closing date for HPAT registration*

Circa 3 February 2018*
Exceptional late closing date for HPAT registration

Circa 8 February 2018*
Normal closing date for MSAP registration

11 February 2018*
Late closing date for GAMSAT registration

Circa 19 February 2018*
Late closing date for MSAP registration

24 February 2018*: HPAT Test

TBC*: MSAP Test www.ucd.ie/maturestudents

24 March 2018*: GAMSAT Test

1 May 2018: CAO late closing date

Circa 5 May 2018*
CAO Change of Mind opens

1 July 2018
Closing date for CAO change of mind

Closing date for transfer applications and most non-EU applications (via **www.ucd.ie/apply**)

Early July 2018
Round of offers for mature students and deferrals

Early August 2018
Round of offers for mature students, Graduate Entry Medicine and FETAC offers

20 August 2018*
CAO First Round Offers

27 August 2018*
Reply date for CAO First Round Offers

4 September 2018:
Orientation Week

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

Tel: **+353 1 716 1555**
Web:
www.ucd.ie/studentdesk/contact
www.ucd.ie/studentdesk
www.ucd.ie/registry/admissions/CAO_Apply.html
www.ucd.ie/fees (for fees information)
www.ucd.ie/maturestudents (for mature student admissions information)

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
Tel: **+353 1 439 2424**
Web: **www.nui.ie**

For CAO application forms, contact **Central Applications Office**
Tower House, Eglinton Street, Galway
Tel: **+353 91 509 800**
Web: **www.cao.ie**

For information on UCD Schools Liaison, contact the **UCD Schools Liaison Officer**
Email: **schoolsliaison@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 mature student post-entry support, please contact the following

Email: **all@ucd.ie**
Web: **www.ucd.ie/openingworlds**

For students with a disability, contact
Email: **disability@ucd.ie**

For details on Access to Arts & Human Sciences; Flexible Learning opportunities and mature student post-entry support queries, contact

Email: **adult.education@ucd.ie**
Tel: **+353 1 716 7123**
Web: **www.ucd.ie/adulted**

Email: **ronan.murphy@ucd.ie**
Tel: **+353 1 716 7542**
Web: **www.ucd.ie/adulted**

*Please note that the examination and registration dates, as well as the CAO application fees and offer dates listed above, are provisional at the time of going to print. Please check the websites for the relevant organisations (**www.cao.ie**, **www.hpat-ireland.acer.edu.au**, **www.gamsat-ie.org**, **msap-ie.acer.edu.au**). A more detailed list of useful dates is available at **www.ucd.ie/registry/admissions/dates.html**.

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For further information on your application please contact us. We will be happy to deal with your enquiry or direct you to the best person to answer your questions.

University College Dublin
An Coláiste Ollscoile, Baile Átha Cliath

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@askUCD

www.ucd.ie/myucd

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