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<th>Event/Description</th>
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<td>CAO applications for 2018 open</td>
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<tr>
<td>4 November 2017</td>
<td>UCD Open Day</td>
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<tr>
<td>20 January 2018</td>
<td>- Final date for CAO online discounted application fee of €25*</td>
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<tr>
<td></td>
<td>- Normal closing date for HPAT registration*</td>
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<tr>
<td>1 February 2018</td>
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</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
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</tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Circa 8 February 2018*</td>
<td>Normal closing date for MSAP registration*</td>
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<tr>
<td>11 February 2018*</td>
<td>Late closing date for GAMSAT registration*</td>
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<tr>
<td>Circa 19 February 2018*</td>
<td>Late closing date for MSAP registration*</td>
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<tr>
<td>24 February 2018* TBC*</td>
<td>HPAT Test</td>
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<td>24 March 2018* TBC*</td>
<td>GAMSAT Test</td>
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<tr>
<td>1 May 2018</td>
<td>CAG late closing date</td>
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<tr>
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<td>CAG Change of Mind opens</td>
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<tr>
<td>1 July 2018</td>
<td>Closing date for CAO change of mind</td>
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<tr>
<td></td>
<td>Closing date for transfer applications and most non-EU applications</td>
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<tr>
<td></td>
<td>(via <a href="http://www.ucd.ie/apply">www.ucd.ie/apply</a>)</td>
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<tr>
<td>Early July 2018</td>
<td>Round of offers for mature students and deferrals</td>
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<tr>
<td>Early August 2018</td>
<td>Round of offers for mature students, Graduate Entry Medicine and FETAC offers</td>
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<tr>
<td>20 August 2018</td>
<td>CAO First Round Offers</td>
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<tr>
<td>27 August 2018</td>
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<td>4 September 2018</td>
<td>Orientation Week</td>
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</table>

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 1565
Web: www.ucd.ie/studentdesk/contact
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: campusvisit@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: afl@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

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*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.hpa/iland.scr.edu.au, www.gamsat.ie.org, msap.ie.acen.edu.ia). A more detailed list of useful dates is available at www.ucd.ie/registry/admissions/dates.html.

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 pléannáil an médí atá amach romhat tar éis na scoil nó ag tabhairt chosáin an oideachais lánaimseartha ort féin an athuair atá tú, caithfíth 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 dui l mbun staídéar ar feadh trí bliana agus tá súil agam go gcuirdfíth an réamhfhocail seo, agus a bhfuil d’eolas ann ar a dtairgthear 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 dhaoin againn sheasfaidh dóthain ina saol. Déanaimid é ar seasacht ndícheall oideachas ionlánaioch a thabhairt dár mic léinn, ag spreagadh iontu fonn fáidir a bheith ag fhoilhm agus ag ag rathú, ag ceistitú agus ag smaointeath ag ag d'éirigh, ag cur leis an tsocháil ag gach leibhéal, sa tair seo agus ar fud an domhain.

Tá an timpeallacht oideachas anseo múnlaithse sa chaoi is go spéidear mic léinn tri chur chugam múinte agus cleachtadh fhoilhm sé气氛 cobh é. Déanann an foireann teagaisc ag an t-eolas reatha, ábhartha atá acu ag dhábh ag gcuaidh na traidisiúnaíochta a roinnt leis na mic léinn sa seomra rang. Tuigimid go mbíonn go mbíonn an saol de shíor ag an t-athrú agus cuirimid ábhar agus struchtúr an churachaí in iúracht díon mheid sin go rialta i dtreo is go gcuirfear oideachas den scoth ar ar a gcuid mic léinn.

I mbíonn, tá UCD ag uimhir a haon in Éirinn i 40 as 43 ábhar ar Rangú Álbhár Domhanda Ollscoile ag an QS. Is leithéid é an médí seo ar a hfeatbhas na foirne agus na dáimhí agus cuiallaíonn sé go mbíonn stádas ar leith ag cáilocht na míc léinn nuair a bhainfidh siad a gcéim amach agus an aghaidh a thabhairt ar a náirí bhearta.

Is i UCD ollscoil dhomhanda na hÉireann. Is i an ollscoil seo an chéad rogha ag mic léinn as Éirinn tríd an CAO (Lár-Óifig Innriphál) agus an ollscoil ceann scríobh ag an gcuid is mó de na mic léinn idirlíon i leith an hÉireann. Tá sios ná ná 7,000 mac léinn idirlíon i leith ar gcanpacs anois agus cruthaíonn sin timpeallacht an-illíoníoch. Tá an heannsta sin, is i UCD is m o dheilinn mac léinn fochlaimh Éirinn nó ag staidéar thar lear i gcuid de na hollmíleanna is fearr ar domhain. Sa doigh sin, is féidir le mic léinn na hollmíleanna leas a bhaint as taithí idirlíoníosa i uil mhóidh iad lena n-áth a thoghlí i socháin an domhain.

Aistear acadúil agus aistear i gcúirfadh mic léinn aithne orthu féin atá i gceist leis an saol ar an ollscoil. Tugaim cuirdreacht duit eolas a chur ar an saol anseo i UCD: na cumainn agus an spóirt, na himeachtaí, na náileanna agus an campsai iontach. Agus, táim ag súil le fáilte a chuich i fhoilchomharh agus fáiltiúil.
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The information provided in this prospectus is correct at the time of going to press, but the degree programmes are subject to continuing development and the University reserves the right to make changes at any time, before or after a student’s admission. As much notice as possible will be given of such changes, but interested applicants should check www.ucd.ie regularly. All enquiries in relation to application and admission should be addressed to:

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

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

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

First choice for Irish School Leavers.

First choice for International Students.
UCD Experience

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

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 learning 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).
“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.”

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**uciHorizons 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

---

**Ciara Sweeney**
Grad Entry Vet Med

---

**UCD Horizons** Sample Structure for One Year of a Degree

<table>
<thead>
<tr>
<th>10 Core &amp; Option Modules</th>
<th>2 Elective Modules*</th>
<th>Year Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>in your degree subject(s)</td>
<td>from within or outside your degree subject(s)</td>
<td>=</td>
</tr>
<tr>
<td>10 Credits</td>
<td>10 Credits</td>
<td>12 Modules</td>
</tr>
<tr>
<td>60 Credits</td>
<td></td>
<td>60 Credits</td>
</tr>
</tbody>
</table>

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

UCD Experience
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

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

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

UCD Student Ambassador giving advice at Open Day.
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.

**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.

**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!**
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.

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**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.

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“*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.

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www.ucd.ie/international
www.facebook.com/UCDExchanges
www.ucdvo.org
facebook.com/ucdvo
@UCDVO
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/
Scholarships & Awards

UCD Ad Astra Academic Scholars
The Ad Astra 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.

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.

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.

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.

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.

Eligibility
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.

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.

“Award winning is like winning a gold medal: it’s the personal achievement that counts, but it’s also an incredible accomplishment to see that hard work pays off.”

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

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.

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

“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.

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

Scoláireachtai 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 cónaitri mheán na Gaeilge agus le feidhmiú mar ambasadóirí teanga. Roghnaítear iarrthóirí iarrthóirí ar bhon fóirm iarratais agus agallaimh.

Cáilitheacht

Mic léinn atá ag gabháil d’aon chúrsa de chuid na hollscóile atá liofa sa Ghaeilge agus tiomanta do chur chun cinn gniomhach na teanga.

Buntaistí

Mairfídh ná hiarrthóirí a n-éireoidh leo i ‘dTeach na Gaeilge’, mion-Ghaeltacht na hOllscoile, on bhíoscoláideachtaí sa Ghaeilge sa bhliain 2018.

Beidh scoláireacht Theach na Gaeilge luaite ar a dtras-scribhinn acadúil.

Beidh foirmeacha iarratais ar fáil ón 1 Márta 2018. Síochána le fáil ón 1 Márta 2018.

Beidh foirmeacha iarratais ar fáil ón 1 Márta 2018. Síochána le fáil ón 1 Márta 2018.

For more information and a full listing of UCD scholarships and awards visit: www.ucd.ie/scholarships
Undergraduate Tuition Fees consist of the following three elements:
— Tuition Fees
— Student Contribution Charge
— Student Levy

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

<table>
<thead>
<tr>
<th>Expense</th>
<th>Monthly €</th>
<th>Annual Cost € (nine months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rent (Shared – Own Room)</td>
<td>350–600</td>
<td>3,150–5,400</td>
</tr>
<tr>
<td>Utilities [Electricity/Gas/Bins/Internet]</td>
<td>33</td>
<td>297</td>
</tr>
<tr>
<td>Food</td>
<td>250</td>
<td>2,250</td>
</tr>
<tr>
<td>Travel (Monthly Short Hop ticket)</td>
<td>119</td>
<td>1,071</td>
</tr>
<tr>
<td>Books &amp; Materials</td>
<td>71</td>
<td>639</td>
</tr>
<tr>
<td>Clothes/Medical</td>
<td>45</td>
<td>405</td>
</tr>
<tr>
<td>Mobile</td>
<td>20</td>
<td>180</td>
</tr>
<tr>
<td>Social Life/Miscellaneous</td>
<td>130</td>
<td>1,170</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>€1,018–1,268</strong></td>
<td><strong>€9,182–11,412</strong></td>
</tr>
</tbody>
</table>

Cost of Living for Student Living at Home

<table>
<thead>
<tr>
<th>Expense</th>
<th>Monthly €</th>
<th>Annual Cost € (nine months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contribution to Bills</td>
<td>34</td>
<td>306</td>
</tr>
<tr>
<td>Food</td>
<td>70</td>
<td>630</td>
</tr>
<tr>
<td>Travel (Monthly Short Hop ticket)</td>
<td>119</td>
<td>1,071</td>
</tr>
<tr>
<td>Books and Materials</td>
<td>71</td>
<td>639</td>
</tr>
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<td>45</td>
<td>405</td>
</tr>
<tr>
<td>Mobile</td>
<td>20</td>
<td>180</td>
</tr>
<tr>
<td>Social Life/Miscellaneous</td>
<td>112</td>
<td>1,008</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>€471</strong></td>
<td><strong>€4,239</strong></td>
</tr>
</tbody>
</table>
Supporting Students

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.

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.

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.

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

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Scholarships.

Pathways - the alternative routes to studying at UCD video; available at: www.ucd.ie/allsupport
## Alternative Admission Pathways

<table>
<thead>
<tr>
<th>Higher Education Access Route (HEAR)</th>
<th>Disability Access Route to Education (DARE)</th>
<th>QPI-FET</th>
<th>Mature Students</th>
<th>University Access to Arts, Humanities, Social Sciences, Law, Science, Engineering and Agriculture Science</th>
<th>Open Learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>School leavers from under-represented socio-economic groups.</td>
<td>School leavers with a disability or specific learning difficulty.</td>
<td>Students with appropriate QPI-FET (level 5 or 6) qualifications &amp; modules, with a minimum of distinctions in five modules can be admitted on a competitive basis to a number of degree programmes.</td>
<td>Applicants on the grounds of mature years (23 and over).</td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>

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  +353 1 716 7123  +353 1 716 7123  www.ucd.ie/maturestudents  www.ucd.ie/all  www.ucd.ie/all

### UCD Experience

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

"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."

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

"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."

#### Joy Kangere
Stage 4, Law Student

"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."

#### Aidan Giblin
Open Learning 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 enables me to investigate areas of interest. Now having the option to work towards a certificate or diploma award is an added bonus."
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.

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.

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

“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

“I 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

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
UCD Experience

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.

“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
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.

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
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

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.
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.

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.

Cúrsai 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

→ www.ucd.ie/it
**UCD Experience**

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

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**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

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**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

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**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

→ www.innovators.ie/for-undergraduates

→ www.innovators.ie/for-undergraduates

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**Applied Language Centre**

The UCD Applied Language Centre is an integral part of the UCD Applied Language Centre. It offers 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
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.
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.
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
Students 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.

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.

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 your 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
### Arts (Two Subjects)  

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<th>Subject</th>
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<tr>
<td>Art History</td>
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<tr>
<td>Celtic Civilisation</td>
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<tr>
<td>Classics (Greek &amp; Roman Civilisation, Latin and Greek)</td>
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<td>Drama Studies</td>
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### Humanities  

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<td>Classics, English &amp; History</td>
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<tr>
<td>English, Drama &amp; Film</td>
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<td>English, European &amp; World Literatures</td>
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<td>English with Creative Writing</td>
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<td>English Literature</td>
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<td>Languages, Linguistics &amp; Cultures</td>
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<td>Music, Film &amp; Drama</td>
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### Modern Languages  

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<tr>
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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.

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

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.

Why UCD Arts & Humanities?

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 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.

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.
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.

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<th>Drama</th>
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</tbody>
</table>

**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).

**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
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

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.

UCD Art History students on Paris study trip.

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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.

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First Year
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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.

UCD Art History students on Paris study trip.

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:
- Universitäten 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
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 Code DN700 BSc Social Sciences

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

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
Ob/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

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

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+353 1 716 8105
facebook.com/MyUCD
Classics
[Greek & Roman Civilisation, Latin and Greek]

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

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 can 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.

why is this subject for me?

Studying Classics & 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:

- Film Studies

Studying Greek & Roman Civilisation

as a Minor

with one of the following:

- Archaeology
- Geography

Career & Graduate Study Opportunities

Greeks and Romans are employed in many fields, 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/programme/graduate.

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 attending 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.

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:

- Film Studies

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

Dr Alexander Thein
UCD School of Classics
Newman, Belfield, Dublin 4

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UCD School of Classics
Newman, Belfield, Dublin 4

www.ucd.ie/classics

“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
“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

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/englishdrama&film/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

<table>
<thead>
<tr>
<th>English Literature</th>
<th>58</th>
</tr>
</thead>
<tbody>
<tr>
<td>English, Drama &amp; Film</td>
<td>55</td>
</tr>
<tr>
<td>Music, Film &amp; Drama</td>
<td>60</td>
</tr>
</tbody>
</table>

Contact:
stacy.grouden@ucd.ie
+353 1 716 8604
facebook.com/MyUCD

www.ucd.ie/myucd/artshum
English

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

CAO Code DN520 BA Arts

<table>
<thead>
<tr>
<th>CAO Points Range 2018</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of Course</td>
<td>3 Years</td>
</tr>
<tr>
<td>DN520 Places</td>
<td>350</td>
</tr>
</tbody>
</table>

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements

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

Other school leaving examinations

See www.my.ucd.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:

<table>
<thead>
<tr>
<th>Art History</th>
<th>Irish Folklore</th>
</tr>
</thead>
<tbody>
<tr>
<td>Celtic Civilisation</td>
<td>Irish Studies</td>
</tr>
<tr>
<td>Drama</td>
<td>Italian</td>
</tr>
<tr>
<td>French</td>
<td>Latin</td>
</tr>
<tr>
<td>German</td>
<td>Linguistics</td>
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<tr>
<td>Greek</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Greek &amp; Roman Civilisation</td>
<td>Music</td>
</tr>
<tr>
<td>History</td>
<td>Spanish</td>
</tr>
<tr>
<td>Irish/Gaeilge</td>
<td>Statistics</td>
</tr>
</tbody>
</table>

OR

Studying English with one Minor subject:

<table>
<thead>
<tr>
<th>Archaeology</th>
<th>Information &amp; Communications Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film Studies</td>
<td>Studies</td>
</tr>
<tr>
<td>Geography</td>
<td>Sociology</td>
</tr>
</tbody>
</table>

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 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.

Anna Graham

English and Philosophy Student

“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.”
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

Other courses of interest

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

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

Other courses of interest
Modern Languages  61
English, European & World Literatures  56
Languages, Linguistics & Cultures  59
Law with French Law  86

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 Ila & 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.

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.

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

Germaine Fagan
French and Greek & Roman Civilisation Graduate

“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
"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

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 DNS41 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
- Grimm’s 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.
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
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

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

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 and commerce
- 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.

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

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

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Ryan Fishwick History with Philosophy Student

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

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Roibeard Ó Leamhna Mac Léinn Gaeilge

Cén fáth go n-oífreadach an t-ábhar seo dom?
- Má tá suim aigeann Ghaeilge
- Má siúin leat bar feabhas a chur ar do chuid scileanna cumarsáide agus teanga
- Má spéis leat cur leis an eolas atá agat ar litriocht agus ar stáir na nGael

Tá dtús ealaíne foilseacháin tráchtaithe, scolá pursuits agus stáitse ann mar a fháil na nGaeilge agus leis an taithí atá agat san ábhar. Is deis é a charú a chuid Gaeilge a chleachtadh, agus dhéanann tú litriocht agus cuireann deiseanna spreagúla i gceist. Is é seo an forbairt sa ranganna Gaeilge agus an teagaisc. Tá cuid de na daoine is fearr leis an chúrsa uaireanta in Éirinn agus ag na mic léinn.

Roibeard Ó Leamhna Mac Léinn Gaeilge

Deiseanna Gairme agus Staidéir

larchéime
- Láthairíodh teilifíse, muintoireoir rangá, aistritheoir, taighdeoir, cónaí-thoir, riachtúir, teangeann, léachtóir nó iriseoir. Tá móran deiseanna spreagúla ann a fhégaithe a chéimhe leis an Gaeilge in Éirinn agus thuas leor.
- Tá cáil ar an Nua-Gaeilge i UCD as feabhas i dtáighe agus i dteagasc fochóirí agus larchéime a chothú agus a chur chun cinn. Tá cuairt náisiúnta rathúla aithne a chur ann do mhic léinn: MA/ Dioplóma Larchéime sa Nua-Ghaeilge agus MA/Dioplóma Larchéime i Scriobh agus Cumarsáid na Gaelge, mar aon le cáil a chuid gramaíochtaí taighde, na staidéar i bhforbartha-animate, agus PhD.

Deiseanna Staidéir Ídaráníúnta
Tá deiseanna ar fáil do mhic léinn Gaeilge staidéir a bhfuil in ollscoil na hÉireann agus thuas leor.

Leaving Cert Subject Entry Requirements

- 06/H7 i gceart, 06/H7 i gceart, 06/H7 i gceart

Other Entry Routes

- same as above

For general entry requirements,
see pages 196-203

For general entry requirements,
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For general entry requirements,
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For general entry requirements,
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
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

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.

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

Other courses of interest
Celtic Studies, Art History & History

Studying Irish Folklore as a Joint Major with one of the below:

<table>
<thead>
<tr>
<th>Celtic Civilisation</th>
<th>Irish / Saeilge</th>
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<tr>
<td>Drama</td>
<td>Irish Studies</td>
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<tr>
<td>English</td>
<td>Italian</td>
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<td>German</td>
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<td>Greek</td>
<td>Music</td>
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<tr>
<td>History</td>
<td>Spanish</td>
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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.

“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
Irish Studies

BA (Hons) (NFQ Level 8)

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 do 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
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.

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
“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

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
- Spain
- France
- Japan
- North Carolina, USA
- Canada
- Japan

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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

Studying Linguistics
with one Minor subject:
- Information & Communication Studies

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

Other courses of interest
- Modern Languages
- English, European & World Literatures
- Languages, Linguistics & Cultures

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www.ucd.ie/myucd/artshum
Music
BA (Hons) (NFQ Level 8) - DN520
BSc (Hons) (NFQ Level 8) - DN700

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.

Anika Babel, UCD Graduate 2016.

“...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 résumé, 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

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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

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, 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.

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.

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 with one Minor subject:
- Film Studies

Other courses of interest
Modern Languages
Languages, Linguistics & Cultures

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www.ucd.ie/myucd/artshum

UCD Arts & Humanities
Celtic Studies,
Art History
& History
BA [Hons] [NFQ Level 8]

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

What will I study?
In this 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,
“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

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 to 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.

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
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

Other courses of interest
Classics, English & History → 54
Celtic Studies, Art History & History → 52

www.ucd.ie/myucd/artshum
Classics, English & History

BA (Hons) (NFQ Level 8)

CAO Code DN530 BA Humanities

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 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.

“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

John McCafferty
School of History, UCD, Belfield, Dublin 4

www.ucd.ie/myucd/artshum

UCD Arts & Humanities

www.ucd.ie/myucd/artshum
“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

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 Abroad opportunities, including in: 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.
English, European & World Literatures

BA (Hons) (NFQ Level 8)

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 postgraduate study in the School of Languages, Cultures and Linguistics, and the School of Irish, Celtic Studies and Folklore.

International Study Opportunities

“...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
“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

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, Austeri’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.

See www.ucd.ie/registry/admissions/FET.html
Other school leaving examinations
See www.ucd.ie/maturestudents
Level 5/6 QQI-FET
See www.ucd.ie/englishdramafilm/study/CAO.html
Other courses of interest
English, Drama & Film → 55
English Literature → 58

CAO Code DN530 BA Humanities

CAO Points Range 2016 N/A
Length of Course 4 Years
DN530 Places 220

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UCD School of English, Drama & Film
www.ucd.ie/myucd/artshum

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English Literature

BA [Hons] (NFQ Level 8)

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.

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 Abroad opportunities, including at: Albert-Ludwigs-Universität, Freiburg, Germany • Université Sorbonne (Paris IV), France • University of Turin, 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.

“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
“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

Why is this programme for me?
This programme is designed for students who are seeking a high level of language and intercultural competency by developing effective communication and analytical skills. The programme takes a holistic approach to language by fostering linguistics, alongside literary and cultural approaches. Students can choose 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).
Music, Film & Drama

BA (Hons) [NFQ Level 8]

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 Ethnography • 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 Abroad 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).
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 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 module.

**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
- 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.

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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

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

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

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

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

**International Study Opportunities**
As Ireland’s global university, we encourage our students to apply to study for a semester or a year abroad through UCD’s extensive global network of partner universities. Study abroad is available as an option in our three-year programmes. This will extend your degree by a year and you will graduate with a BSc or BSocSc International degree. In our four-year programme, study abroad opportunities are integrated into the third year curriculum. All social sciences students can take language modules as electives in addition to their degree subjects through the UCD Applied Language Centre. Students who take social sciences subjects with a language minor will spend their third year abroad in a partner University.

**Graduate Study Opportunities**
You may undertake a Master’s related to a discipline you studied in your undergraduate degree, such as international relations, experimental archaeology or behavioural economics. A social sciences degree also allows you to progress to a range of interdisciplinary Master’s degrees in fields such as public policy, cognitive science, criminology, human rights, geopolitics, development studies, equality studies, digital 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].

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<th>Studying Archaeology</th>
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<td><strong>OR</strong></td>
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<td>Art History</td>
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<td>Celtic Civilisation</td>
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<td>Greek &amp; Roman</td>
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<td>Civilisation</td>
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**Studying Social Justice**

| as a Joint Major with one of the below: |
|-----------------|-----------------------------------|
| Archaeology     | Philosophy                        |
| Economics       | Politics                           |
| Geography       | Sociology                          |
| Information &   | Social Justice                     |
| Communication   | Studies                           |
| Studies         |                                   |
| Philosophy      |                                   |
| **OR**          | with one Minor subject             |
| Art History     | German                             |
| English         | Irish                              |
| Greek           | Italian                            |
| Linguistics     | Italian                            |
| Chinese         |                                   |
Computational Social Science

BSc (Hons) [NFQ Level 8]

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.
“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 (IEGES) as a Graduate Economist.”

Mojdeh Khandanian Economics Single-Major Graduate, 2016

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.

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.ucd.ie/applying-to-ucd

CAO Code DN710 BSc Economics

Length of course 3 years
DN710 Places 40

CAO Code DN700 BSc Social Sciences

Length of Course 4 Years
DN700 Places 500

For general entry requirements, see pages 196–203
Leaving Cert Subject Entry Requirements
- D3/H7 in English, Irish, Mathematics and three other recognised subjects
- If you obtain less than O3/H7 in Leaving Certificate mathematics you must pass a "Level 0" UCD mathematics module before taking Introduction to Quantitative Economics.
Other school leaving examinations
See www.ucd.ie/applying-to-ucd

Level 5/6 QQI–FET
None
Mature Entry Route www.ucd.ie/maturestudents

CAO Code DN710 BSc Economics

Length of course 3 years
DN710 Places 40

CAO Points Range 2016 N/A

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.ucd.ie/applying-to-ucd

Level 5/6 QQI–FET
None
Mature Entry Route www.ucd.ie/maturestudents

Other school leaving examinations
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 Studies Social Justice
Philosophy Statistics
Politics

Studying Economics
with one Minor subject:

History German
Chinese Irish

Studying Economics
within a pathway:

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

Other courses of interest
Economics & Finance
Law with Economics

www.ucd.ie/myucd/socsc
Economics, Mathematics & Statistics

BSc (Hons) (NFQ Level 8)

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.

“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
“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 as well. 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

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.
Philosophy, Politics & Economics

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

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.
“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

Psychology
BSc (Hons) (NFQ Level 8)

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

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

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

Undergraduate Office, UCD School of Psychology
Newman, Belfield, Dublin 4
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+353 1 716 8363
facebook.com/UCDpsychology

Other courses of interest
Social Justice → 80

www.ucd.ie/myucd/socsc
Social Policy & Sociology

BSocSc (Hons) [NFQ Level 8]

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.
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.

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

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

Year 1

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

BSc Social Policy and Sociology

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.
"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

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**Social Policy**  
BSocSc [Hons] [NFQ Level 8]

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**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**  

**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 module.

**Third Year**  
Policy Making and Implementation; Crime, Social Services and the Justice System; 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.

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**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.

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**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.
“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

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 Heritage 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 China will study abroad for their third year.

Other Entry Routes
Same as above.

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
See www.ucd.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

CAO Code DNS20 BA Arts

CAO Points Range 2016 N/A
Length of course 3 Years
DNS20 Places 350

For general entry requirements, see pages 196-203

Leaving Cert Subject Entry Requirements
See www.ucd.ie/applying-to-ucd

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

Other Entry Routes
Same as above.

CAO Code DN520 BA Arts

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

- Economics
- Geography
- Information & Communication Studies
- Philosophy
- Politics

OR

Studying Archaeology
with one Minor subject:

- Art History
- Celtic Civilisation
- Greek & Roman Civilisation

OR

Studying Archaeology
within a Pathway:

- Landscapes & Society

Studying Archaeology as a Minor
with one of the following:

- English
- History

Other courses of interest

Landscapes & Society

www.ucd.ie/myucd/socsc
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 secondary 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
- Santa Barbara, California, USA.
"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

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

Third Year

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.

Claire Nolan
School Administrator, UCD School of Information & Communication Studies, Newman, Belfield, Dublin 4

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Other courses of interest
Science →103

www.ucd.ie/myucd/socsc
Philosophy

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

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 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.
**Politics**

**BA (Hons) [NFQ Level 8] - DN520**

- **CAO Code:** DN520 8Sc Social Sciences
- **Length of Course:** 3 Years
- **DN520 Places:** 350

**Entry Requirements**
- English, Irish, Mathematics and three other recognised subjects
- OR
- Level 5/6 QQI-FET

**International Study Opportunities**
- Erasmus opportunities include:
  - Institut d’études 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.

**CAO Points Range 2016**
- BA: N/A

**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
  - Globalisation and Development
  - Political Institutions, Systems and Forces
  - The Irish Civil Service: The European Commission: International Agencies
  - Print and Broadcast Media

- **Second Year**
  - Individuals and the State: Law, Politics & Human Rights
  - Comparative Politics
  - International Relations
  - Analysing Politics
  - European Union

- **Third Year & Fourth Year**
  - International Political Economy
  - Political Reform in Ireland
  - 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

- **Third Year & Fourth Year**
  - 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.
  - Students may opt to take a single major in Politics from third year.

**Studying Politics**
- as a Joint Major with one of the below:
  - Archaeology
  - Sociology
  - Economics
  - History
  - Geography
  - Mathematics
  - Information & Communication Studies
  - Social Justice
  - Philosophy
  - Statistics

**International Study Opportunities**
- Erasmus opportunities include:
  - Institut d’études 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.

**Studying Politics**
- as a Joint Major with:
  - History
  - Philosophy
  - Politics & Economics
  - Computational Social Science

**Other courses of interest**
- Law with Politics

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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.
Social Justice

BSc (Hons) [NFQ Level 8]

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 programmes include: Equality Studies; Gender Studies; Public Policy; Human Rights; International Development.

International Study Opportunities

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

Other courses of interest

Law with Social Justice → 94
Social Policy & Sociology → 72

Other school leaving examinations

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

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
- Economics
- Geography
- Information & Communication Studies
- Philosophy
- Politics
- Sociology

See pages 196-203 for general entry requirements.

DN700 Places

500

DN700

N/A

Length of Course

4 Years

CAO Code

DN700

CAO Points Range

2016

Other courses of interest

Law with Social Justice
Social Policy & Sociology

See pages 196-203 for general entry requirements.

DN700

N/A

Length of Course

4 Years

CAO Code

DN700

CAO Points Range

2016

Other courses of interest

Law with Social Justice
Social Policy & Sociology

See pages 196-203 for general entry requirements.
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

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 to one another and why they 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.
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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<td>Law with Social Justice</td>
<td>94</td>
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<tr>
<td>Business &amp; Law</td>
<td>95</td>
</tr>
</tbody>
</table>

**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.

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*QS World Rankings 2017

UCD is No.1 in Ireland for 40 Subjects

— QS World University Rankings 2017
### Studying UCD Law

**Roots of Legal Knowledge and Specialist Subjects**

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 2</td>
<td>Foundations of legal knowledge and specialist subjects</td>
</tr>
</tbody>
</table>

#### General Introduction to Legal Studies*

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 2</td>
<td>Constitutional Law</td>
</tr>
<tr>
<td>1 &amp; 2</td>
<td>Tort Law</td>
</tr>
<tr>
<td>1 &amp; 2</td>
<td>Contract Law</td>
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</tbody>
</table>

#### General Introduction to Legal Skills*

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 &amp; 4</td>
<td>European Union Law</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Property Law**</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Criminal Law</td>
</tr>
</tbody>
</table>

**All students are offered core law modules and programme specific subjects**

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 &amp; 4</td>
<td>Core Law Modules</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>DN600 students also take programme specific modules as appropriate, for example in:</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Law</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>History</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Chinese</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Philosophy</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Economics</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Politics</td>
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<tr>
<td>3 &amp; 4</td>
<td>French</td>
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<td>3 &amp; 4</td>
<td>Law</td>
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<tr>
<td>3 &amp; 4</td>
<td>Irish</td>
</tr>
<tr>
<td>3 &amp; 4</td>
<td>Social Justice</td>
</tr>
</tbody>
</table>

### 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

*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

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.

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@UCDLawSchool

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

Other courses of interest
Business & Law →95
Law with Social Justice →94
Law with French Law →86
Law with History →90

www.ucd.ie/myucd/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/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 partner university 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.

Law with French 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

Special Entry Recommendations
Students will need a minimum grade H3 in Leaving Certificate French (or equivalent) to take the BCL [Law with French Law] course.

Other courses of interest
Law →85
BCL/Maîtrise →87

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.

“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 daunting, 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

www.ucd.ie/myucd/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.

“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
“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

**Law with Chinese**

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**
- 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**
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 Introduction to Irish legal System.

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

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

**Third Year**

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

**Fourth Year**

On your return to UCD for the last year of your degree, you will 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.
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

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.

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Law with Economics
BCL (Hons) [NFQ Level 8]

Other courses of interest

Law
Business & Law
Law with Social Justice

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

Level 5/6 QNI-FET
None

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).
Law with History

BCL [Hons] (NFQ Level 8)

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.
“Soláthraíonn an cúrsa seo nasc idir Dlí agus Gaeilge le cur chuige nuálaíoch, ilmheán idir theagasc ranga agus mhodúil ar line. Dirítear ar chruthunaí raonta agus ar chúrsaí litriúchtaí ar dtús. Forbairtaíonn an cúrsa ansin le hoiliúint in ardscilean na teanga i gcomhthéacs dlíthiúil mar aon le cultúr agus litriúocht na Gaeilge, soláthróidh an cúrsa rogha fhairsing de dheiseanna fostaíochta do mhic léinn Dlí agus Gaeilge.”

Dr. Regina Úi Chollatáin
Ceann na Scoile, UCD

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 Scriobh 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 Aistríochán Dlíthiúil • Aistríochán 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, ABL 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.

CAO Code DN600

CAO Points Range 2016 525—615
Length of Course 4 Years
DN600 Places 120

For general entry requirements, see pages 198–203

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

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

Level 5/6 QQQ-FET None

Mature Entry Route See www.ucd.ie/maturestudents

Other courses of interest
Law with Social Justice
Law with History
Law with Economics
Law with Philosophy

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facebook.com/UCDSchoolofLaw @UCDLawSchool

www.ucd.ie/myucd/law
Law with Philosophy

BCL [Hons] (NFQ Level 8)

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.
“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

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.

Law with Politics

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facebook.com/UCDSchoolofLaw
@UCDLawSchool

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.

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.

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 with Social Justice
Law with History
Law with Economics
Law with Philosophy
www.ucd.ie/myucd/law

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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
“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

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).
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.
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.
**Bachelor of Commerce**

BComm (Hons) [NFQ Level 8]

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**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
- O8/H7 in English, Irish, a third language, and two other recognised subjects

**Other school leaving examinations**
See www.ucd.ie/registry/admissions/FET.html

**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

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**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 • Management • Human Resources & Industrial Relations • 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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“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

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Studying the UCD BComm

**Years 1 & 2**
- Accountancy
- Mathematics
- Marketing
- Management
- Finance
- HR
- Economics
  - International Study Opportunity

**1 Year Optional Internship Opportunity**

**Year 3 or 4**
- 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)

CAO Code DN660

CAO Points Range 2018 510 – 615
Length of Course 4 Years
DN660 Places 95

For general entry requirements, see pages 196–203

Leaving Cert Subject Entry Requirements
- O3/H7 in Mathematics
- O6/H7 in English, Irish, a third language, and two other recognised subjects

Other school leaving examinations
See www.ucd.ie/maturestudents

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.

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

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.

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.

Victoria O’Gorman BCIT. Corporate Finance at Deloitte

"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

Other courses of interest
Economics & Finance → 101
Actuarial & Financial Studies → 135
Bachelor of Commerce → 98

www.ucd.ie/myucd/bus
The programme was hugely beneficial in bridging the gap between academic understanding 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

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.


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.


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.

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

Economics & Finance

BSc (Hons) [NFQ Level 8]  

www.ucd.ie/myucd/bus
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.

"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
## Biological, Biomedical & Biomolecular Sciences

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## Mathematical, Physical & Geological Sciences

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## Direct Entry Courses

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

### 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.


### Follow your pathway

#### Years 3 & 4

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### 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)

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

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.

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/register/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
Zoology • 116
Plant Biology • 115
Cell & Molecular Biology • 108
Agri-Environmental Sciences • 191

www.ucd.ie/myucd/environmentalbiology

UCD Biological, Biomedical & Biomolecular Sciences
Genetics
BSc (Hons) (NFQ Level 8)

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).

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.

“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
"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

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.

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
• O3/H6 in Mathematics
• O3/H6 in a laboratory science [Applied Mathematics or Geography may be used instead of a laboratory science subject] and B6/H7 in English, Irish and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/applying-to-ucd
Level 5/6 Q3I-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
Genetics
Pharmacology

www.ucd.ie/myucd/microbiology
Neuroscience

BSc (Hons) (NFQ Level 8)

Why is this course for me?
Neuroscience is the study of the nervous system, directed towards understanding how cells within the nervous system interact with each other to form the brain and regulate body functions, human behaviour, memory, emotions and consciousness. The malfunction of the nervous system lies at the heart of a number of devastating and currently incurable conditions such as Alzheimer’s and Parkinson’s Disease. Neuroscience research probes the mechanisms underlying such malfunctions, with a view to helping in the discovery of drugs to prevent or manage these disorders.

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

First Year
Biology • Chemistry • Mathematics • Optional Science modules • Elective 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).

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 Pathobiology, Ruhr University Bochum, Germany.

“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
“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

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).

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.
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.

"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

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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

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

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
Zoology ➔ 116
Microbiology ➔ 111
Cell & Molecular Biology ➔ 108

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)

Eoghan Daly, Environmental Consultant

www.ucd.ie/myucd/plantbiology
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).

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.
“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

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 & 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

Fifth Year
- Education

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-school experience through participating in parent-teacher meetings, timetabling, etc. The complete five-year course is fully accredited by the Teaching Council of Ireland.

KEY FACTS
- The five-year course is fully accredited by the Teaching Council of Ireland.
- Placements are integrated into this course from first year, with year-long placements at two different post-primary schools during the final two years of the course.
Chemistry
BSc (Hons) (NFQ Level 8)

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.

“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

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

Rian Lynch Graduate

## Chemistry with Biophysical Chemistry

**BSc (Hons) (NFQ Level 8)**

**CAO Code DN200**

**CAO Points Range 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 Science or Geography may be used instead of a laboratory science subject) and O6/H7 in English, Irish and two other recognised subjects

**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.

### 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.

**Other courses of interest**

- Chemistry → 118
- Chemistry with Environmental & Sustainable Chemistry → 120
- Medicinal Chemistry & Chemical Biology → 121

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Chemistry with Environmental & Sustainable Chemistry

BSc [Hons] (NFQ Level 8)

Why is this course for me?
Two major problems are facing industrialised society. How do we maintain our standards of living without, firstly, using non-renewable resources as sources of energy and as raw materials for manufacturing industries and, secondly, compromising our local and global environment? Chemistry with Environmental & Sustainable Chemistry will be central to solving these problems. This discipline, which draws from all branches of chemistry, will enable us to produce the materials and energy we use through ways that minimise the impact on the environment. Furthermore, it will be crucial in developing a variety of resources (solar power, biofuel synthesis, fuel cells, etc.) for use in renewable energy generation. The degree is suitable for students who have an interest in the use of chemistry in tackling these urgent problems.

What will I study?
This is a sample pathway for a degree in Chemistry with Environmental & Sustainable Chemistry.

First Year
Chemistry • Mathematics • Biology • Optional Science modules • Elective 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.

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

Associate Professor James Sullivan
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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

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.

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www.ucd.ie/myucd/
medicinalchemistryand
chemicalbiology
Chemistry, Mathematics & Education

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

Why is this course for me?
If you’re interested in chemistry and mathematics, and think you might like to teach these subjects at post-primary level, then this course may be for you. It’s designed so that from the start, you study chemistry and mathematics, along with education, in an integrated manner. In third year, you’ll gain teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

The four-year BSc in Chemistry, Mathematics & Education leads directly to the one-year MSc in Mathematics and Science Education. On completion of both degrees you are fully qualified to teach Chemistry and Mathematics to Higher Level Leaving Certificate Level and Science to Junior Certificate Level.

What will I study?
This is a sample pathway for Chemistry, Mathematics & Education.

First Year
Chemistry • Mathematics • Education • Biology & Physics • Elective 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.

"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
“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

**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.

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**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 Leaving Certificate Mathematics
- O3/H6 in English, Irish and two other recognised subjects
- O3/H6 in a laboratory science (Applied & Computational Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.)

**Special Entry Recommendations**

We recommend that all students in Applied & Computational Mathematics have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

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**Other courses of interest**

- Theoretical Physics
- Computer Science

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**UCD Mathematical, Physical & Geological Sciences**

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**See www.ucd.ie/myucd/appliedandcomputationalmathematics**
Financial 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 Financial Mathematics should have a minimum Grade H3 in Leaving Certificate Mathematics, or equivalent.

Why is this course for me?
If you have a strong interest in Mathematics, enjoy problem solving and are interested in how Mathematics is used in business and finance, 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.

“...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

Other courses of interest
- Statistics: 129
- Actuarial & Financial Studies: 135
- Mathematics: 127

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**

**BSc (Hons) [NFQ Level 8]**

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

Other school leaving examinations
See www.my.ucd.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
Drama
English
French
Greek & Roman
Civilisation
History
Irish
Irish Folklore
Italian
Linguistics
Music

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 Mathematics
as a Joint Major with one of the below:
Archeology
Economics
Geography
Information & Communication Studies
Philosophy
Politics
Sociology

Other courses of interest
Economics
Economics, Mathematics & Statistics

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 • 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.

“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

...
“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.”

Caitriona Byrne Graduate

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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Statistics

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

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

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.

Why is this subject for me?
Statistics is a subject that is relevant to virtually all areas of society and science. It provides a valuable skill set that is in high demand in a wide range of industries. Whether you are interested in pursuing a career in finance, government, healthcare, or any other field that relies on data analysis, Statistics is a subject that can open up many opportunities.

Statisticians develop models to understand how data is generated and to make predictions about future events. This can be applied to a wide range of fields, from economics and finance to healthcare and environmental science.

Why should I choose this subject?
Choosing Statistics as a subject can be a great decision for several reasons. Firstly, it is a subject that is in high demand in the job market, with a wide range of career opportunities available. Secondly, it provides a solid foundation in data analysis and problem-solving, which is a valuable skill set in virtually all industries.

If you are interested in pursuing a career in fields such as finance, government, healthcare, or any other field that relies on data analysis, Statistics is a subject that can open up many opportunities. It provides a valuable skill set that is in high demand in a wide range of industries.

[Mockup of a data analysis spreadsheet]
Statistics

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 8/7 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

www.ucd.ie/myucd/statistics

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.

“unchecked
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
Physics with Astronomy & Space Science

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?
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.

Other courses of interest
Physics — 125
Theoretical Physics — 131

Professor Lorraine Hanlon &
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“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

Star Trails around Polaris on top of the IAC-80 telescope at Teide Observatory

www.ucd.ie/myucd/physics
withastronomyandspacescience

+, –, → indicate availability or required courses

Current UCD admissions policy is to not discriminate on the basis of gender, age, religion, race, colour, ethnic or cultural origin, nationality, sexual orientation, disability, marital status or membership of any other social or cultural group.
“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

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.ucd.ie/myucd/hetac

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

www.ucd.ie/myucd/
theoreticalphysics
"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 McKenna
Graduate
"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

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 mathematics and applied mathematics, and think you might like to teach these subjects at post-primary level. You will have gained teaching experience by completing placements (which we find for you) in a post-primary school and as a third-level tutor.

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.

Other courses of interest:
- Biology, Mathematics & Education
- Chemistry, Mathematics & Education
- Physics, Mathematics & Education

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 186–203

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.
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.

Jim Rossiter
Student

“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.”

Other courses of interest
- Applied Mathematics, Mathematics & Education
- Biology, Mathematics & Education
- Chemistry, Mathematics & Education

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.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.

About UCD Mathematical, Physical & Geological Sciences

www.ucd.ie/myucd/physmathed

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+353 1 716 2581
facebook.com/UCDScience
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.

Marie Bradley Graduate, FSAI, Senior Actuary at Central Bank of Ireland

“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

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.ucd.ie/applying-to-ucd
Level 5/6 QQI-FET
None
Level 6/7 Progression Routes
None
Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest
Commerce → 98
Economics & Finance → 101
Financial Mathematics → 124

www.ucd.ie/myucd/actuarialandfinancialstudies

"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
Visualising a goal” as part of a Computer Science module in Project Management.

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 at Microsoft.”
Siobhan Dunne
Software Development Engineer at Microsoft
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.

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.
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 textbooks 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

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.

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

Places 90

For general entry requirements see page 196-203
Leaving Cert Subject Entry Requirements
5/6/H7 in English, Irish, Mathematics, a third language, a laboratory science subject and one other recognised subject

Minimum 480 CAO points or equivalent, which must be achieved in the same examination sitting as subject matriculation requirements

Plus HPAT admission test. For scoring details see: www.ucd.ie/registry/admissions/DN400_HPAT.html

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

Level 5/6 QQI-FET
None

Mature Entry Route
See www.ucd.ie/maturerestudents

Health Screening & Garda Vetting
See page 197

Other courses of interest
Biomedical, Health & Life Sciences ➔142
Radiography ➔144
Physiotherapy ➔154
Science ➔103

www.ucd.ie/myucd/med
Studying UCD Medicine

**Year 1**
**Engage with the principles**

<table>
<thead>
<tr>
<th>SCIENTIFIC PRINCIPLES OF HUMAN HEALTH</th>
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<tr>
<td>Physical Sciences</td>
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</table>

**Year 2**
**Refine your knowledge**

<table>
<thead>
<tr>
<th>UNDERSTANDING HEALTHY ORGAN SYSTEMS</th>
<th>CLINICAL CONCEPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>Histology</td>
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</table>

**Years 3 & 4**
**Apply your knowledge**

<table>
<thead>
<tr>
<th>UNDERSTANDING HUMAN DISEASE</th>
<th>CLINICAL &amp; PROFESSIONAL CONCEPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy &amp; Physiology</td>
<td>Pathology</td>
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<tr>
<td>Clinical Pharmacology</td>
<td>Microbiology</td>
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**Years 5 & 6**
**Prepare for professional practice**

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<tr>
<th>HOSPITAL &amp; COMMUNITY BASED ADVANCED CLINICAL PRACTICE</th>
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<tbody>
<tr>
<td>Medicine</td>
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<tr>
<td>Obstetrics &amp; Gynaecology</td>
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</tbody>
</table>

**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

**Shape your career with UCD Medicine**

- HOSPITAL CONSULTANT: Medicine, Surgery, Paediatrics, Obstetrics, Psychiatry, Radiology, Anaesthesia
- GENERAL PRACTITIONER
- PUBLIC HEALTH DOCTOR
- CLINICAL RESEARCH

**Doctor**

**Internship alongside UCD Certified Training Programme**

**Continue to develop your professional career with UCD...**
**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.

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**Hilary Dowdall Graduate**

“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.”

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**Other courses of interest**

Veterinary Medicine (Graduate Entry)  
MB, BCh, BAO (Hons) (NFQ Level 8)
Biomedical, Health & Life Sciences

BSc (Hons) (NFQ Level 8)

Why is this course for me?
This course will appeal to those with a keen interest in science and in how research and technology can impact on human health. You'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.

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 and 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:

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.

Other courses of interest
Medicine → 139
Physiotherapy → 154
Science → 103
Veterinary Medicine → 176

www.ucd.ie/myucd/med
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.
Radiography
BSc (Hons) [NFQ Level 8]

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.

“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.

UCD Ad Astra Performing Arts Scholar, graduated 2015.
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

Shape your career with UCD Diagnostic Imaging

Career Opportunities

Clinical Specialist Radiographer
Radiography Services Manager
Clinical Practice Tutor
Lecturer
Researcher
Applications Specialist

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.

Continue to develop your professional career with UCD...
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.

*IEHG East Hospitals Group*

- 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

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.
Studying UCD Nursing or Midwifery

Year 1

Engage with the principles

<table>
<thead>
<tr>
<th>Biological Sciences</th>
<th>Social Sciences</th>
<th>Behavioural Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE SUBJECT</td>
<td>CORE SUBJECT</td>
<td>CORE SUBJECT</td>
</tr>
<tr>
<td>Nursing or Midwifery Science</td>
<td>Clinical Practice — hospital &amp; community</td>
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Years 2 & 3

Develop your knowledge & skills for clinical practice

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<tr>
<th>Biological Sciences</th>
<th>Social Sciences</th>
<th>Behavioural Sciences</th>
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</thead>
<tbody>
<tr>
<td>CORE SUBJECT</td>
<td>CORE SUBJECT</td>
<td>CORE SUBJECT</td>
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</table>

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...
Nursing (General)
BSc (Hons) (NFQ Level 8)

CAO Code DN450

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.
“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)

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.

CAO Code DN451

CAO Points Range 2018 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

Other courses of interest
Nursing (General) ➔ 148
Nursing [Mental Health] ➔ 150
Medicine ➔ 139

UCD Nursing, Midwifery & Health Systems
Programme Office
Health Sciences Centre, Belfield, Dublin 4
nursing@ucd.ie
+353 1 716 6407/6569
facebook.com/ucdschoolofnursingmidwiferyandhealthsystems

www.ucd.ie/myucd/nursing

149
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.

Ejiro Emonina
Student

“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.”

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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.

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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.

Ejiro Emonina
Student

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Ejiro Emonina
Student
"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

### 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.

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**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.

**Other courses of interest**
Nursing (General) → 148
Nursing (Children’s & General) → 149
Nursing (Mental Health) → 150
Medicine → 139

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nursing@ucd.ie
+353 1 716 6407/6569
facebook.com/ucdschoolofnursingmidwiferyandhealthsystems
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.
# Studying UCD Physiotherapy

## Year 1
**Engage with the principles**

<table>
<thead>
<tr>
<th>Anatomy &amp; Kinesiology</th>
<th>Physics &amp; Biomechanics</th>
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<tbody>
<tr>
<td>Physiology</td>
<td>Chemistry/Biochemistry</td>
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<tr>
<td>Basic Physiotherapy Professional Practice</td>
<td>Exercise</td>
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</tbody>
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## Years 2 & 3
**Refine your knowledge**

<table>
<thead>
<tr>
<th>Neurology</th>
<th>Exercise</th>
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<tbody>
<tr>
<td>Musculoskeletal</td>
<td>Psychology/Sociology</td>
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<tr>
<td>Cardiorespiratory</td>
<td>Research</td>
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<tr>
<td>Applied Physical Agents</td>
<td>Biomechanics</td>
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<td></td>
<td>Clinical Skills</td>
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<td></td>
<td>Intermediate Physiotherapy Professional Practice</td>
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</table>

## Year 4
**Professional practice**

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<tr>
<th>Clinical Specialties &amp; Pain</th>
<th>Pharmacology</th>
<th>Sports Exercise Physiotherapy</th>
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<tr>
<td></td>
<td></td>
<td>Optional International Professional Practice Abroad</td>
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<td>Legal Medicine</td>
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<tr>
<td>Advanced Physiotherapy Professional Practice</td>
<td>Research Project</td>
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## 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...**
Physiotherapy

BSc (Hons) [NFQ Level 8]

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, Cardiorespiratory & Neurological Physiotherapy
- Clinical Exercise
- Physiotherapy Clinical Education
- Sociology

Fourth Year
- Professional Physiotherapy Practice
- Clinical Specialties
- Sports Physiotherapy
- 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
- 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, as well as elective placement opportunities in fourth year with our partner teaching hospitals, primary care clinics and specialist centres. There are elective placements in fourth year [see International Study Opportunities above].
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.
## Year 1

**Engage with the principles**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marketing &amp; Management of Sport</td>
<td>Anatomy &amp; Kinesiology</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>Cultural &amp; Legal Foundations of Sport &amp; Development</td>
<td>Academic &amp; Information Technology Skills</td>
<td>Chemistry &amp; Biochemistry</td>
</tr>
</tbody>
</table>

## Year 2

**Apply knowledge base**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic, Event &amp; Strategic Management of Sport</td>
<td>Physiology, Fitness &amp; Biomechanics Testing</td>
<td>Sports &amp; Exercise Psychology</td>
</tr>
<tr>
<td>Sports, Coaching &amp; Exercise Management</td>
<td>Work Placement in Ireland or Abroad</td>
<td>Strength &amp; Conditioning</td>
</tr>
</tbody>
</table>

Optional Study Abroad experience in the USA, Canada or Australia and New Zealand

## Year 3

**Specialise**

<table>
<thead>
<tr>
<th>Course</th>
<th>Course</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sport &amp; Exercise for Health &amp; Special Populations</td>
<td>Research Methods</td>
<td>Biomechanics &amp; Injury Management</td>
</tr>
<tr>
<td>Sports, Coaching and Exercise Management</td>
<td>Independent Research Project</td>
<td>Exercise Physiology &amp; Exercise Performance</td>
</tr>
<tr>
<td></td>
<td>Physical Activity, Health &amp; Nutrition</td>
<td></td>
</tr>
</tbody>
</table>

## 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

### 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.

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.
Sport & Exercise Management

BSc (Hons) (NFQ Level 8)

Why is this course for me?
The multidisciplinary nature of the BSc in Sport & Exercise Management equips students with skills in areas such as management, marketing, event planning, human resources, economics and finance, sports development and coaching. These underpin the structure and governance of sport, health and exercise programmes today. If these opportunities interest you, the combination of UCD’s internationally recognised academic excellence and sporting reputation makes this degree ideal.

What will I study?
The programme offers a progressive pathway for students to specialise in second and third year. Modules include:

First Year: Learn Basic Principles
- Sports Development
- Theory of Coaching
- Sports Legislation
- Sports Marketing
- Financial Management
- Sports Management
- Introduction to Exercise Science

Second Year: Apply Knowledge
- Event Management
- Economics of Sport
- Sport/Health Psychology
- Strategic Planning
- Human Resource Management

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.

"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

UCD Centre for Sports Studies
Woodview House, Belfield, Dublin 4

sports.studies@ucd.ie
+353 1 716 3430
facebook.com/MyUCD
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.

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.

UCD is No.1 in Ireland for 40 Subjects - QS World University Rankings 2017
Studying UCD Architecture, Planning & Environmental Policy

Year 1

Engage with the principles

Architectural Design — Studio-based learning

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2 &amp; 3</th>
<th>Years 4 &amp; 5</th>
<th>Optional Year Out</th>
<th>BSc (Architectural Science) (Honours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>History &amp; Theory of the Designed Environment</td>
<td>The Indoor Environment</td>
<td>Design Technologies</td>
<td>Master’s (MArchSc – Taught/Research) &amp; PhD</td>
<td></td>
</tr>
<tr>
<td>Architecture &amp; its Environment</td>
<td>Architectural Technologies</td>
<td>Research &amp; Innovation in the Designed Environment</td>
<td>MArch (Honours)</td>
<td></td>
</tr>
<tr>
<td>Architectural Technologies</td>
<td>Theory &amp; Design of Structures</td>
<td>Professional Studies</td>
<td>Diploma in Professional Practice</td>
<td></td>
</tr>
<tr>
<td>Theory &amp; Design of Structures</td>
<td>Into Practice</td>
<td>International study abroad options</td>
<td>Shape your career with UCD Architecture</td>
<td></td>
</tr>
</tbody>
</table>

Years 2 & 3

Refine your knowledge

Architectural Design — Studio-based learning

<table>
<thead>
<tr>
<th>Years 2 &amp; 3</th>
<th>Years 4 &amp; 5</th>
<th>BSc [Architectural Science] (Honours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>History &amp; Theory of the Designed Environment</td>
<td>The Indoor Environment</td>
<td>Optional Year Out – Experience the world of work</td>
</tr>
<tr>
<td>Architectural Technologies</td>
<td>Architectural Design</td>
<td>Design Technologies</td>
</tr>
<tr>
<td>Theory &amp; Design of Structures</td>
<td>Research &amp; Innovation in the Designed Environment</td>
<td>Research &amp; Innovation in the Designed Environment</td>
</tr>
<tr>
<td>Imagining Architecture</td>
<td>Reflective Portfolio</td>
<td>Professional Studies</td>
</tr>
<tr>
<td>Framework for Practice</td>
<td>Master’s Design Thesis</td>
<td>International study abroad options</td>
</tr>
</tbody>
</table>

Years 4 & 5

Achieve mastery of your practice

<table>
<thead>
<tr>
<th>Years 4 &amp; 5</th>
<th>BSc [Architectural Science] (Honours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Technologies</td>
<td>Design Technologies</td>
</tr>
<tr>
<td>Research &amp; Innovation in the Designed Environment</td>
<td>Research &amp; Innovation in the Designed Environment</td>
</tr>
<tr>
<td>Professional Studies</td>
<td>Professional Studies</td>
</tr>
<tr>
<td>International study abroad options</td>
<td>International study abroad options</td>
</tr>
<tr>
<td>Architectural Design</td>
<td>Reflective Portfolio</td>
</tr>
<tr>
<td>Research Dissertation</td>
<td>Master’s Design Thesis</td>
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</tbody>
</table>

MArch [Honours]

Specialise through UCD graduate study

<table>
<thead>
<tr>
<th>MArch [Honours]</th>
<th>Shape your career with UCD Architecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diploma in Professional Practice</td>
<td>Professional Architect</td>
</tr>
<tr>
<td>Professional Architect</td>
<td>Alternative Careers</td>
</tr>
<tr>
<td>Master’s (MArchSc – Taught/Research) &amp; PhD</td>
<td>Conservationist</td>
</tr>
<tr>
<td>Sustainable Building</td>
<td>Designer</td>
</tr>
<tr>
<td>Design &amp; Performance (taught)</td>
<td>Graphic Designer</td>
</tr>
<tr>
<td>Conservation &amp; Heritage (taught)</td>
<td>Heritage Site Manager</td>
</tr>
<tr>
<td>Urban Design (taught)</td>
<td>Lecturer</td>
</tr>
<tr>
<td>Landscape Studies (taught)</td>
<td>Planning Adviser</td>
</tr>
<tr>
<td>Irish and European Landscape</td>
<td>Project Manager</td>
</tr>
<tr>
<td>and Urbanisation (research)</td>
<td>Researcher</td>
</tr>
<tr>
<td>History and Theory</td>
<td>Professional Architect</td>
</tr>
<tr>
<td>of Architecture (PhD)</td>
<td>Project Manager</td>
</tr>
</tbody>
</table>

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

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

Manageral
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 Hogsoklan 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.
Landscape Architecture

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

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.

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
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.
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.
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.
Engineering

BSc (Engineering Science) [NFQ Level 8]
leading to ME [NFQ Level 9]
or BE [Hons] (NFQ Level 8)

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.
Studying UCD Engineering

### Explore your options

<table>
<thead>
<tr>
<th>Year 1</th>
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<tbody>
<tr>
<td>Physics</td>
<td>Energy Engineering</td>
<td>Mathematics</td>
<td>Creativity in Design</td>
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<tr>
<td>Chemistry</td>
<td>Mechanical</td>
<td>Electrical/Electronic</td>
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<tr>
<td>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.</td>
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</table>

### Choose your pathway

<table>
<thead>
<tr>
<th>Years</th>
<th>Biomedical</th>
<th>Chemical &amp; Bioprocess</th>
<th>Civil</th>
<th>Electrical/Electronic</th>
<th>Mechanical</th>
<th>Structural Engineering with Architecture</th>
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<td>2 &amp; 3</td>
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<tr>
<td>Optional Study Abroad</td>
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</table>

### Focus on your area(s) of specialisation

<table>
<thead>
<tr>
<th>Years</th>
<th>BE (4 years) Bachelor of Engineering</th>
<th>ME (5 years) Master of Engineering</th>
<th>Graduate with a Master of Engineering</th>
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<tbody>
<tr>
<td>4 &amp; 5</td>
<td>Biomedical</td>
<td>Engineering with Business</td>
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<tr>
<td></td>
<td>*Chemical &amp; Bioprocess</td>
<td>Materials Science</td>
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<td></td>
<td>Civil</td>
<td>Mechanical</td>
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<td>Electrical</td>
<td>Structural Engineering</td>
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<td>Electronic</td>
<td>with Architecture</td>
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<td>Energy Systems</td>
<td>Professional Work Experience</td>
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<td></td>
<td>Mechanical</td>
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</table>

*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.

### Specialise through UCD graduate study

<table>
<thead>
<tr>
<th>Taught &amp; Research Master’s</th>
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<tbody>
<tr>
<td>Biopharmaceutical Engineering</td>
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<tr>
<td>Chemical Engineering</td>
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<tr>
<td>Electronic &amp; Computer Engineering</td>
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<td>Engineering Management</td>
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<td>Environmental Technology</td>
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<td>Food Engineering</td>
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<td>Materials Science &amp; Engineering</td>
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<td>Structural Engineering</td>
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<tr>
<td>Sustainable Energy &amp; Green Technologies</td>
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<tr>
<td>Water, Waste &amp; Environmental Engineering</td>
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</table>

| Doctor of Philosophy (PhD) Engineering |

### Shape your career with UCD Engineering

<table>
<thead>
<tr>
<th>Professional Engineer in your chosen discipline with careers in:</th>
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<tbody>
<tr>
<td>Design</td>
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<tr>
<td>Environment</td>
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<td>Manufacturing</td>
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<tr>
<td>Construction</td>
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<tr>
<td>Information &amp; Communications</td>
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<td>Technology [ICT]</td>
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<tr>
<td>Energy</td>
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<td>Healthcare</td>
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<td>Food</td>
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<td>Pharmaceuticals</td>
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<td>Business &amp; Media</td>
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<td>Management</td>
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<td>Finance</td>
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<tr>
<td>Education</td>
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<tr>
<td>Research &amp; Academia</td>
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</table>

### Continue to develop your professional career with UCD...

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* 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.
UCD Engineering

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 2018 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 198-203

Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- B6/H7 in English, Irish. and two other recognised subjects

Level 5/6 QQI-FET
- None

Level 6/7 Progression Routes
See www.myucd.ie/myucd/hetac

Mature Entry Route
See www.ucd.ie/maturestudents

Special Entry Requirements
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Why is this course for me?
Biomedical Engineering involves the application of traditional engineering principles to healthcare and medicine. We can think of the brain and nervous system as a large communication system, which co-ordinates and transmits signals around the body, and the organs and limbs as sophisticated engineering systems that control functions such as movement, respiration and blood flow.

UCD Biomedical Engineers are educated with a strong foundation in electrical/electronic and mechanical engineering, which is complemented by an understanding of physiology and anatomy. This foundation is applied to problems in medicine and healthcare in specialised modules such as Biomechanics, Medical Device Design, Neural Engineering, Rehabilitation Engineering and Cell Culture & Tissue Engineering. If you are interested in developing new medical techniques, systems and devices, and you want to be involved in the breakthroughs that are improving the healthcare system for doctors and patients every day, then this is the course for you.

What will I study?
First Year
Engineering students follow a common first year. Modules include:

Second to Fifth Year
Sample modules for Biomedical Engineering students include:
- Biomedical Instrumentation - Biomechanics - Biomaterials - Neural Engineering - Nanomaterials - Cell Culture & Tissue Engineering - Biosignal Processing - Medical Device Design - Rehabilitation Engineering - Medical Sciences for Engineers -


A student’s week includes attending lectures and tutorials, as well as participating in laboratory-based workshops and undertaking independent study.

A combination of end-of-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:

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, Boston Scientific, Stryker, Bio-Medical Research, BD Medical, DePuy Synthes, ResMed, Intel, Abbott and Crospon.

UCD Biomedical Engineering

"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

www.ucd.ie/myucd/eng

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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

Why is this course for me?
Chemical & Bioprocess Engineering (CBE) deals with the ingenious transformation of matter and energy into products and services. More specifically, it addresses the design and operation of facilities needed to achieve this transformation in a technically, economically and environmentally acceptable manner.

Examples of products include petrochemicals, (bio)pharmaceuticals and nano-materials. Examples of services include energy supply (from carbon-based to renewable resources), clean air and CO₂-sequestration.

As a Chemical & Bioprocess Engineer, you’ll use the sciences as the basis for understanding these transformations; you’ll apply mathematical and engineering principles to realise them on the appropriate scale. If you seek invention, and want to work at the interface between the sciences, mathematics and engineering, with a broad and well-paid portfolio of career opportunities, strongly consider CBE.

What will I study?
First Year
Engineering students follow a common first year. Modules include: 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 & Bioprocesing 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 (of which are paid) may include the following companies: Abbvie, APC, BMS, Irish Cement, Lilly, MSD, PM Group.

Other courses of interest
Engineering
Biomedical Engineering
Chemistry
Chemistry with Biophysical Chemistry

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.
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 2018** 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.ucd.ie/myucd/hetac

**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?**
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.

“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

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facebook.com/UCDEngArch

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
“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

Why is this course for me?

Electrical and Electronic Engineers have revolutionised the way we live today. As an electrical or electronic 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

- Biomedical Engineering
- Energy Systems Engineering
- Computer Science

www.ucd.ie/myucd/eng
Energy Systems Engineering

BSc (Engineering Science) (NFQ Level 8)
leading to ME (NFQ Level 9)
or BE (Hons) (NFQ Level 8)

CAO Code DN150

CAO Points Range 2018 510 — 625
Length of Course 3 Years (BSc) (Hons)
+ 2 Years (ME)
DN150 Places 260

For general entry requirements, see pages 198-203
Leaving Cert Subject Entry Requirements
- H4 in Mathematics
- H6 in a laboratory science and
- O6/H7 in English, Irish, and two other
- recognised subjects

Other school leaving examinations
See www.ucd.ie/mypointsofentry
Level 5/6 QQI-FET
None

Level 6/7 Progression Routes
See www.ucd.ie/myucd/qqicert
Mature Entry Route
See www.ucd.ie/maturestudents
Special Entry Recommendations
It is recommended that the Laboratory Science subject should be one of Chemistry, Physics or Biology

Why is this course for me?
If you 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

Other courses of interest
Engineering 166
Electrical/Electronic Engineering 171
Mechanical Engineering 173

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.

“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

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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

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

Second to Fifth Year

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
Energy Systems Engineering
Biomedical Engineering
Agricultural Systems Technology

Other school leaving examinations
See www.ucd.ie/myucd/hetac

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

UCD Engineering & Architecture Programme Office
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www.ucd.ie/myucd/eng

Mechanical Engineering

BSc [Engineering Science] (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

CAO Code DNS50

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.ucd.ie/myucd/hetac
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
Energy Systems Engineering
Biomedical Engineering
Agricultural Systems Technology

www.ucd.ie/myucd/eng

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www.ucd.ie/myucd/eng

Mechanical Engineering

BSc [Engineering Science] (NFQ Level 8) leading to ME (NFQ Level 9) or BE (Hons) (NFQ Level 8)

CAO Code DNS50

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.ucd.ie/myucd/hetac
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
Energy Systems Engineering
Biomedical Engineering
Agricultural Systems Technology

www.ucd.ie/myucd/eng
Structural Engineering with Architecture

BSc (Engineering Science) (NFQ Level 8) leading to ME (NFQ Level 9)

CAO Code DN150

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


Second Year


Third Year


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 Mechanics 2, Materials Design, Realising Built Projects.

Fifth Year

Innovation Leadership, Advanced Structural Analysis Design, Professional Engineering (Management), Soil Mechanics & Geotechnical Engineering, Bridge Engineering, Research Project.

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

Other courses of interest

Architecture ➔ 161
Civil Engineering ➔ 170
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.
Veterinary Medicine

MVB (Hons) (NFQ Level 8)

CAO Code DN300

CAO Points Range 2018 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 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 192

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
- International Study Opportunities
- More study visits abroad
- Elective studies
- Research projects

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.

“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

Ms Trish Scaife
UCD Veterinary Medicine School/Programme Office
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Studying UCD Veterinary Medicine

Basic Underpinning Sciences (Pre-clinical)
- Normal Structure & Function
- Animal Production, Behaviour & Welfare
- EMS: Animal Handling Competencies
- In-programme electives

Paraclinical & Clinical Sciences
- Pathobiology & Infectious Disease
- Herd Health
- Pharmacology & Therapeutics
- Surgery
- Epidemiology
- Communications
- Medicine
- Veterinary Public Health
- 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:
    - Canine Sports Medicine
    - Veterinary Medicine
- Master’s (Taught & Research) & PhD
  - Negotiated Programmes available

Shape your career with UCD Veterinary Medicine
- Career Opportunities
  - Biomedical Research
  - Government Agencies
  - Industry Consultancy
  - International Organisations (WHO, FAO)
  - Academic Teaching
  - Research

Veterinarian
- Practice Owner
- Practice Partner
- Practice Assistant
- Animal Charities

Continue to develop your professional career with UCD...
Veterinary Medicine
(Graduate Entry)

MVB (Hons) (NFQ Level 8)

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.

“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

Other courses of interest
Other courses of interest
"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

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
- 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.
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.

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.
Agricultural Science
B农Sc (Hons) [NFQ Level 8]

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
B农Sc graduates have an excellent record in obtaining challenging and fulfilling roles. Careers in sectors such as food, agriculture, business and services include:
- Enterprise management
- Technical service and consultancy
- Research
- Education
- Marketing and communications
- Primary production of quality food and fibre products.

You can also pursue a wide range of graduate studies by research or examination (Master’s and PhD) in areas such as:
- Environmental resource management
- Humanitarian action
- Rural development
- Business
- Information Technology
- Education.

Higher and graduate diplomas are also available.

Professional Work Experience (PWE) & International Study Opportunities
PWE is an integral part of the degree and takes place in third year. Part, or all, of PWE can be taken abroad. PWE provides an opportunity for you to network, experience many different roles and, in some instances, even secure a job prior to graduation.

There are opportunities to study abroad for one semester during third year, in universities in Australia, New Zealand, Europe and the USA, among others.

www.ucd.ie/myucd/ag
## Studying UCD Agricultural Science

### Year 1

<table>
<thead>
<tr>
<th>Course Area</th>
<th>Subject</th>
<th>Course</th>
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<tbody>
<tr>
<td>Biology</td>
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<td>Maths</td>
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<td>Physics</td>
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<td>Agricultural Economics &amp; Business</td>
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<tr>
<td>Elective modules</td>
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### Years 2, 3 & 4

#### Choose your pathway*

- Animal & Crop Production
- Agricultural Systems Technology
- Professional Work Experience
- Subject Specific modules
- Optional Study Abroad

- Animal Science
- Food & Agribusiness Management
- Food Business with Chinese Studies

### 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

#### Shape your career with UCD Agricultural Science

- Nutritionist
- Teacher
- Accountant
- Farm Manager
- Horticulturist
- Food Safety Inspector
- Quality Assurance Officer
- Agricultural Consultant
- Agricultural Inspector
- Scientist
- Researcher
- Principal Investigator
- Lecturer
- Professor
- Marketing Manager
- Journalist
- Business Manager
- Technical Sales Manager
- Communications Manager
- Banker, Stockbroker
- Technical Engineer
- Policy Analyst
- Production Manager
- Food Technologist
- Microbiologist
- Government Official
- Development Officer
- Project Manager
- County Heritage Officer

#### 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](http://www.ucd.ie/agfood)
Agricultural Systems Technology
B AgrSc (Hons) [NFQ Level 8]

CAO Code DN250

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

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.

“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

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.

www.ucd.ie/myucd/ag
“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

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Animal & Crop Production

BAgrSc (Hons) (NFQ Level 8)

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.my.ucd.ie/applying-to-ucd
Level 5/6 QQI–FET
See www.ucd.ie/register/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.
Animal Science
B AgrSc (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

05/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.ucd.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

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.
"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
Food & Agribusiness Management
B AgrSc (Hons) (NFQ Level 8)

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; MAgSc in Agricultural Extension and Innovation and MSc in Food Business Strategy.

Professional Work Experience (PWE) & International Study Opportunities
You will spend the second semester of your third year working in the food and agribusiness industry in Ireland or abroad. This helps you apply the knowledge you have gained, and can lead directly to employment following graduation.

There are also opportunities to take a semester abroad in third year. Possibilities include:
- Cornell University, USA
- University of California, USA
- Kansas State University, USA
- University of Queensland, Australia
- Purdue University, USA.

KEY FACT
Graduates of this degree have reached senior positions as chief executives, business owners, plant managers, marketing managers and media editors.

“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
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

Other courses of interest
Agricultural Science ⇒182
Horticulture, Landscape & Sportsturf Management ⇒195
Dairy Business ⇒190
Food Science ⇒192

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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.

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 • Financial Planning and Control • Soil Science • Intermediate Spoken Chinese 1 and 2 • Intermediate Written Chinese 1 and 2 • Option Modules

Third Year
Students will complete year three of their studies in China at one of UCD’s partner Universities, where you will take intermediate or advanced Chinese language courses and a range of interesting and relevant modules. There will be a limited number of language scholarship opportunities available on a competitive basis that will cover tuition fees and accommodation for either one or two semesters in China.

In addition to the benefit of a structured academic programme, students will also experience first hand the diverse culture of China and the vibrant economic growth that the second largest economy in the world has to offer. Living and studying in a different cultural environment will provide students with an eye-opening and life changing experience that will also help you make friends and develop networks across the globe.

Fourth Year
Food and Agricultural Strategy • International Food Marketing • Agricultural Policy • Enterprise Development • Advanced Chinese 1 and 2 • Chinese Economy • Doing Business in China • Option modules

Career and Graduate Study Opportunities
As the agri-food sector becomes more knowledge intensive, education and skills development are even more critical for career success. This programme incorporates Chinese language and cultural components into the business skills and fundamental science required for managerial and professional careers in the agri-food sectors. These elements, combined with an emphasis on learning to think analytically, result in a programme that equips students with the knowledge and skills necessary for professional decision-making in agri-food business sectors in the global market, with particular reference to China.
Dairy Business

B AgrSc (Hons) [NFQ Level 8]

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.

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.

Other courses of interest
Agricultural Science → 182
Animal & Crop Production → 185
Animal Science → 186
Animal Science — Equine → 187
Food & Agribusiness Management → 188
“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

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.

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
6B/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects
Other school leaving examinations
See www.ucd.ie/applyng-to-ucd
Level 5/6 QQI-FET
See www.ucd.ie/register/admissions/FET.html
Level 8/7 Progression Routes
See www.ucd.ie/myucd/hetac
Mature Entry Route
See www.ucd.ie/maturestudents

Other courses of interest
Agricultural Science →182
Forestry →194
Horticulture, Landscape & Sportsturf Management →195
Animal & Crop Production →185
Landscape Architecture →182
Food Science

BSc (Hons) (NFQ Level 8)

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
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 QQQ-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?

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
- 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.

Jennifer Lee Claffey

“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!”

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“Food, Diet & Health module to give a flavour of later stages of your degree.”

Jennifer Lee Claffey

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- 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.”

Jennifer Lee Claffey

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Jennifer Lee Claffey
“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

Why is this course for me? Nutrition – the interaction between food and health – is becoming increasingly important in society. This degree covers many aspects of nutritional sciences, from biochemistry to molecular and public health nutrition, and also includes topics such as nutrition communication and food regulatory affairs. Upon graduating you’ll be able to apply your knowledge to many different areas of the food and health industry.

What will I study? The early years focus on core sciences and general food and health modules, which build your knowledge of biological systems and their application to human nutrition. After significant Professional Work Experience (PWE), final year focuses on specific areas of human nutrition.

First & Second Year
Core material (chemistry, biology, nutritional biochemistry) - Nutrients & the Role of Nutrition in Lifestyles - Nutrition Research modules

Third & Fourth Year
10-month PWE - Molecular, Public Health & Clinical Nutrition - Nutrition Communication - Food Regulation - Research Project

Students spend an average of 40 hours a week attending lectures and tutorials 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.

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.
Forestry
BAgSc (Hons) (NFQ Level 8)

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.

Darragh Fadden

"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"
“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

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, and end-of-semester written examinations. 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.

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
06/H7 in English, Irish, Mathematics, a laboratory science subject and two other recognised subjects

Other school leaving examinations
See www.myucd.ie/registry/admissions/FET.html

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
Forestry →194
Landscape Architecture →182

UCD Agriculture & Food Science Programme Office
Agriculture & Food Science Centre
Belfield, Dublin 4

agandfoodprogrammes@ucd.ie
+353 1 716 7194
facebook.com/UCDAgFood
@UCDAgFood

UCD Agriculture, Food & Nutrition
www.ucd.ie/myucd/ag
### 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](http://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.
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 (D6/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 (D6/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.

<table>
<thead>
<tr>
<th>%</th>
<th>Grade</th>
<th>Points Higher Paper</th>
<th>Points Ordinary Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>90–100</td>
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<td>100</td>
<td>56</td>
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<td>80–89</td>
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<tr>
<td>30–39</td>
<td>7</td>
<td>37</td>
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</tbody>
</table>

**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 points scores for Medicine are adjusted when combined with HPAT – Ireland. Please see www.ucd.ie/myucd/hpat.

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


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.
Applying to UCD

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.

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.
Applying to UCD

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/.

QPI-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.
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 website 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.
Applying to UCD

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
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<th>Code</th>
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</thead>
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<td>Engineering - Common entry with degree options in:</td>
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<td>DN 120</td>
<td>Landscape Architecture</td>
<td>Biomedical Engineering</td>
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<td>DN 130</td>
<td>City Planning and Environmental Policy</td>
<td>Biotechnology &amp; Food Engineering</td>
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</tr>
<tr>
<td>DN 200</td>
<td>Science</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>DN 200</td>
<td>Science</td>
<td>Structural Engineering with Architecture</td>
</tr>
</tbody>
</table>

**Notes:**
- 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**
- 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.

**Biological, Biomedical and Biomolecular Sciences**
- Degree Options:
  - Biochemistry and Molecular Biology
  - Cell and Molecular Biology
  - Environmental Biology
  - Genetics
  - Microbiology
  - Neuroscience
  - Pharmacology
  - Physiotherapy
  - Plant Biology
  - Zoology
  - Biology, Mathematics and Education *

**Chemistry and Chemical Sciences**
- Degree Options:
  - Chemistry
  - Chemistry with Biophysical Chemistry
  - Chemistry with Environmental and Sustainable Chemistry
  - Medicinal Chemistry and Chemical Biology
  - Chemistry, Mathematics and Education *

**Mathematical, Physical and Geological Sciences**
- 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)
### Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (NOT to be entered on Application Form)</th>
<th>Honours Bachelor Degrees - Level 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>DN 250</td>
<td>Agricultural Science</td>
<td>You can only apply for DN250 once.</td>
</tr>
<tr>
<td></td>
<td>* No Preference</td>
<td>You must select ONE of the following options:</td>
</tr>
<tr>
<td></td>
<td>Animal and Crop Production</td>
<td>Animal Science</td>
</tr>
<tr>
<td></td>
<td>Animal Science – Equine</td>
<td>Agricultural Systems Technology</td>
</tr>
<tr>
<td></td>
<td>Food and Agribusiness Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Food Business with Chinese Studies</td>
<td></td>
</tr>
</tbody>
</table>

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,

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DN 252</td>
<td>Dairy Business</td>
<td></td>
</tr>
<tr>
<td>DN 253</td>
<td>Agri – Environmental Sciences</td>
<td></td>
</tr>
<tr>
<td>DN 261</td>
<td>Food Science</td>
<td></td>
</tr>
<tr>
<td>DN 262</td>
<td>Human Nutrition</td>
<td></td>
</tr>
<tr>
<td>DN 271</td>
<td>Forestry</td>
<td></td>
</tr>
<tr>
<td>DN 272</td>
<td>Horticulture, Landscape and Sports turf</td>
<td></td>
</tr>
<tr>
<td>DN 300</td>
<td>Veterinary Medicine - Undergraduate Entry</td>
<td>(Restricted - see page 3)</td>
</tr>
<tr>
<td>DN 301</td>
<td>Veterinary Medicine - Graduate Entry</td>
<td>(Restricted - see page 3)</td>
</tr>
<tr>
<td>DN 310</td>
<td>Veterinary Nursing</td>
<td></td>
</tr>
<tr>
<td>DN 400</td>
<td>Medicine - Undergraduate Entry</td>
<td>(Restricted - see page 3)</td>
</tr>
<tr>
<td>DN 401</td>
<td>Medicine - Graduate Entry</td>
<td>(Restricted - see page 3)</td>
</tr>
<tr>
<td>DN 410</td>
<td>Radiography</td>
<td></td>
</tr>
<tr>
<td>DN 420</td>
<td>Physiotherapy</td>
<td></td>
</tr>
<tr>
<td>DN 425</td>
<td>Health and Performance Science</td>
<td></td>
</tr>
<tr>
<td>DN 430</td>
<td>Sport and Exercise Management</td>
<td></td>
</tr>
<tr>
<td>DN 440</td>
<td>Biomedical, Health and Life Sciences</td>
<td></td>
</tr>
<tr>
<td>DN 450</td>
<td>General Nursing</td>
<td>(If mature, see page 11)</td>
</tr>
<tr>
<td>DN 451</td>
<td>Children’s and General Nursing (Integrated)</td>
<td>(If mature, see page 11)</td>
</tr>
<tr>
<td>DN 452</td>
<td>Midwifery</td>
<td>(If mature, see page 11)</td>
</tr>
<tr>
<td>DN 453</td>
<td>Mental Health Nursing</td>
<td>(If mature, see page 11)</td>
</tr>
</tbody>
</table>

(Continued)
## Applying to UCD

### UCD Entry in CAO Handbook 2018

## Dublin

### UNIVERSITY COLLEGE DUBLIN

[www.ucd.ie](http://www.ucd.ie)

(Continued)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>DN 520</td>
<td>Arts: Two-Subject Joint Major or Two-Subject Major/Minor Degrees</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Major</th>
<th>Joint Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>Art History</td>
<td>Archaeology</td>
</tr>
<tr>
<td>Celtic Civilization</td>
<td>Celtic Civilization</td>
<td>Classical Studies, Art History and History</td>
</tr>
<tr>
<td>Drama</td>
<td>Drama</td>
<td>Classics, Art History and Archaeology</td>
</tr>
<tr>
<td>English</td>
<td>English</td>
<td>Classics, English and History</td>
</tr>
<tr>
<td>French</td>
<td>French</td>
<td>English Literature</td>
</tr>
<tr>
<td>German</td>
<td>German</td>
<td>English Literature</td>
</tr>
<tr>
<td>Greek</td>
<td>Greek &amp; Roman Civilization</td>
<td>English Literature</td>
</tr>
<tr>
<td>History</td>
<td>History</td>
<td>English Literature</td>
</tr>
<tr>
<td>Irish</td>
<td>Irish</td>
<td>English Literature</td>
</tr>
<tr>
<td>Irish Folklore</td>
<td>Irish Folklore</td>
<td>English Literature</td>
</tr>
<tr>
<td>Irish Studies</td>
<td>Irish Studies</td>
<td>English Literature</td>
</tr>
<tr>
<td>Italian</td>
<td>Italian</td>
<td>English Literature</td>
</tr>
<tr>
<td>Latin</td>
<td>Latin</td>
<td>English Literature</td>
</tr>
<tr>
<td>Linguistics</td>
<td>Linguistics</td>
<td>English Literature</td>
</tr>
<tr>
<td>Music</td>
<td>Music</td>
<td>English Literature</td>
</tr>
<tr>
<td>Spanish</td>
<td>Spanish</td>
<td>English Literature</td>
</tr>
</tbody>
</table>

* 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:

<table>
<thead>
<tr>
<th>Celtic Studies, Art History and History</th>
<th>Classics, Art History and Archaeology</th>
<th>Classics, English and History</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Literature</td>
<td>English with Creative Writing</td>
<td>English, European and World Literatures</td>
</tr>
<tr>
<td>English, Drama and Film</td>
<td>Languages, Linguistics and Cultures</td>
<td>Music, Film and Drama</td>
</tr>
</tbody>
</table>

* 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:

<table>
<thead>
<tr>
<th>Language</th>
<th>French</th>
<th>German</th>
<th>Italian</th>
<th>Spanish</th>
</tr>
</thead>
<tbody>
<tr>
<td>French</td>
<td>-</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>German</td>
<td>✓</td>
<td>-</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Italian</td>
<td>✓</td>
<td>✓</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td>Spanish</td>
<td>✓</td>
<td>✓</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Applicants wishing to take three languages may select a third at the start of term.
### Honours Bachelor Degrees - Level 8 (HD)

Apply by inserting the Codes below in the Level 8 Section of the Application Form.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title (NOT to be entered on Application Form) Honours Bachelor Degrees - Level 8</th>
</tr>
</thead>
</table>
| DN 600 | Law  
You can 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 |
| **S**Suitably qualified candidates may be offered the opportunity at the end of first year to proceed to the BCL/Ma or LMB 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:  
Chinese | French | German | Italian | Spanish |
| French | ✓ | ✓ | ✓ | ✓ |
| German | ✓ | ✓ | ✓ | ✓ |
| Italian | ✓ | ✓ | ✓ | ✓ |
| Spanish | ✓ | ✓ | ✓ | ✓ |
| 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  

<table>
<thead>
<tr>
<th>Two Subjects</th>
<th>Joint Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archaeology</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Economics</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Geography</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Information and Communication Studies</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Philosophy</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Politics</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Sociology</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Art History</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Classics</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>English</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Greek and Roman Civilization</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Italian</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Latin</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Music</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chinese</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>French</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>German</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Irish</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Italian</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Spanish</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

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 |
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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.
Map of UCD Campus

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
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*
- 11 February 2018*: Late closing date for GAMSAT registration
- 24 February 2018*: HPAT Test
- 1 March 2018*: GAMSAT Test
- 1 May 2018: CAO Change of Mind opens
- 1 July 2018: Closing date for CAO change of mind
- Circa 5 May 2018*: CAO First Round Offers
- 27 August 2018*: Reply date for CAO First Round Offers
- 4 September 2018: Orientation Week
- 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

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/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 1 438 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

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: af@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

For information on UCD Access 6 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: af@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

*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.scr.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.
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
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