DCU

Ollscoil Chathair
Bhaile Átha Cliath
Dublin City University

UNDERGRADUATE PROSPECTUS
2024

#TeamDCU

#WeAreDCU

Contents

President's Welcome

Greetings from DCU and thank you for taking the time to explore all that our great university has to offer.

Our key goal is to offer everyone who enrols here a transformative student experience. I hope that this prospectus gives you a clear picture of the ways in which our innovative courses, dedicated staff, world-class facilities and life-changing opportunities achieve this aim - developing graduates who are ready to thrive in the workplace and in the world.

I am glad to tell you that the excellence of DCU's offering is reflected in the most recent global university rankings. We are now among the top 500 universities worldwide, and we rank in the Top 100 Young Universities (QS Top 100 Under 50). Our mission, "to transform lives and societies", is felt well beyond the bounds of our campuses, as recognised in the Times Higher Education University Impact Rankings 2023, which placed DCU at No. 1 in Ireland and No. 6 worldwide for our efforts to reduce inequalities.

DCU is also proud to be Ireland's No. 1 university for graduate employment rate. This is thanks to our industry-relevant courses, which are designed to keep abreast of the latest workplace developments. Our hallmark DCU Futures degrees offer a prime example of our many collaborations with employers. These innovative degrees have been designed in consultation with industry leaders to ensure that our graduates emerge equipped for the challenges of tomorrow. Meanwhile, our pioneering INTRA workplace internship programme offers students vital real-world experience in their chosen field.

Of course, life at DCU isn't just about academic and professional achievement. It's an opportunity to build confidence and character, and it's a place where life-long friendships flourish and passions are pursued. Our vibrant campus culture boasts 130 clubs and societies, state-of-the-art sports facilities, and rewarding volunteering opportunities - all of which allows for personal growth and discovery. That's not to say that life at Third Level is not without its challenges. In recognition of this, DCU is the first Higher Education Institution in Ireland to establish an all-of-university programme of supports and services to promote students' health and well-being. This initiative, called Care & Connect, reflects DCU's 'people first' values and our passionate commitment to ensuring that no one is left behind.

DCU is a university where personal and professional dreams are realised. Now that you have had a taste of what we offer, we warmly invite you to campus to see for yourself what life at DCU is like. We look forward to seeing you here!

Prof Daire Keogh
President, Dublin City University

"DCU is a dynamic, welcoming community devoted to our students' personal and professional development. It is a place where you can flourish."

Introducing DCU

97%
of graduates in employment/ further study

Graduate Outcomes Survey 2022

Best in Ireland and 6th best university in the world for its commitment to the UN Sustainable Development Goal of "Reduced Inequalities" and ranked 8th globally for gender equality

Times Higher Education Impact Rankings 2023

DCU is a Top Ranked Young University Globally
QS World University Rankings 2024

18%

of students are international and represent 120 different nationalities

80%

of DCU undergraduate courses include a work placement through INTRA

24%

of students are from non-traditional backgrounds

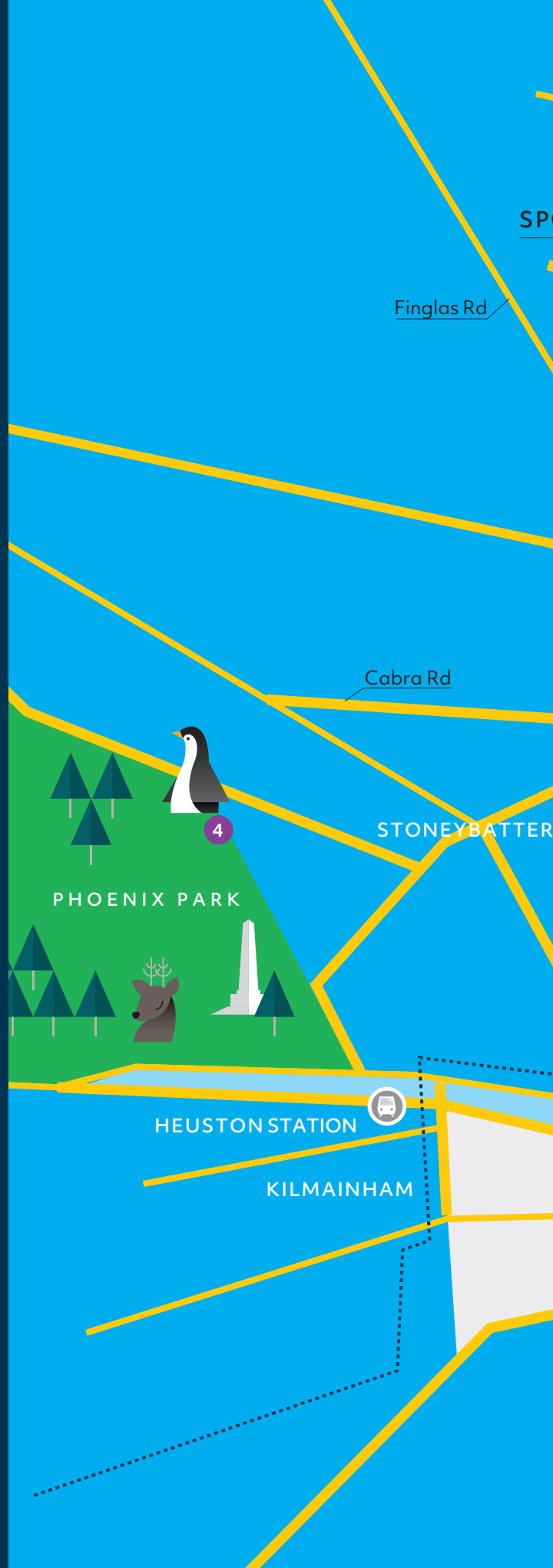# 130+

student clubs and societies

Studying in Dublin

Whoever you are and wherever you are from, the city of Dublin probably doesn't need much introduction.

Founded by the Vikings more than one thousand years ago, it's a city that is rich with history and culture.

It has been home to great writers like James Joyce; fearless revolutionaries like Rosie Hackett; industrial innovators like Arthur Guinness, and Nobel Prize winning scientists like Ernest Walton. Today, Dublin is a fast-moving city, known for its young population, its high tech innovation and the "craic" of its legendary social scene. The skyline reflects the city's past and present, from the spire of Christ Church Cathedral to the space-age curves of the Aviva Stadium.

DCU is at the vibrant heart of the city's north side, with three unique campuses in the bustling Glasnevin-Drumcondra area - all within easy reach of the city centre and major amenities. Dublin is also a great springboard for exploring the beautiful mountains, coastline and countryside on the city's doorstep. However you engage with Dublin, there are lots of public transport options to get you around. You will find the transport information you need at **transportforireland.ie** and at **dublinbus.ie**, **luas.ie**, and **buseireann.ie**.

1   Botanic Gardens
2   The Casino of Marino
3   Croke Park
4   Pheonix Park & Dublin Zoo
5   The Hugh Lane Gallery
6   The Spire, O'Connell Street
7   The 3 Arena

8   Christ Church Cathedral
9   St Patrick's Cathedral
10 St Stephen's Green
11 National Gallery of Ireland
12 National Museum of Ireland
13 The Aviva Stadium

SP

Finglas Rd

Cabra Rd

STONEYBATTER

4

PHOENIX PARK

HEUSTON STATION

KILMAINHAM

Glasnevin Avenue

Collins Avenue

✈ ↑
DUBLIN
AIRPORT
15 minutes
from the city

ORTS CAMPUS

GLASNEVIN CAMPUS

BEAUMONT

MALAHIDE
/HOWTH

BOTANIC
GARDENS

St Mobhi Rd

ST PATRICK'S CAMPUS

2

Griffith Park

1

DCU

ALL HALLOWS CAMPUS

Lower Drumcondra Rd

DRUMCONDRA

CLONTARF

FAIRVIEW PARK

North Circular Rd

3

DUBLIN BAY

Dorset St

PHIBSBOROUGH

SUMMERHILL

North Strand Rd

5

6

O'Connell St

CONNOLLY
STATION

Parnell St

SMITHFIELD

7

RIVER LIFFEY

TEMPLE BAR

GRAND CANAL DOCK

8

Grafton St

9

12

10

11

13

Student Testimonials

What's it like to study at Dublin City University?

We asked some of our current students about their DCU experience.

Sean Mac Mareveles

BSc in Aviation Management with Pilot Studies/ with Air Traffic Controller Studies - DC117

"A significant highlight was my eight-month internship at Nordic Aviation Capital, where I gained valuable insights into the leasing industry and even had the opportunity to travel to Denmark. College life taught me discipline, time management, and balancing various aspects of life. DCU's support system made it all possible."

Christian Dunne

Bachelor of Early Childhood Education - DC001

"The BECE is a great educational experience. The DCU St Patrick's campus provides a welcoming environment with its outstanding facilities, extensive support, and stellar reputation, it has exceeded my expectations. Everything happens for a reason, and I couldn't be happier with my choice."

Kate McConnell

Bachelor of Business Studies - DC111

"I knew from the moment I set foot on campus at an open day in 2019 that I belonged at DCU. The people I spoke to, the vibrancy of life on campus and the quality of degrees set DCU apart for me, and it was my 1st choice on my CAO."

Student Testimonials

Stephen Murnane

BSc in Global Challenges - DC189

"The BSc in Global Challenges is a degree based on problem-solving and helping others, which I am really enjoying. My message to incoming students is to choose a course that's honestly the best fit for YOU!!!"

Laura Ecock

BEng in Mechanical and
Manufacturing Engineering - DC195

"I knew very few people entering DCU, but
by diving into university life, especially with
clubs and societies, I have made lots of new
friends. They made my Year 1 so much better
and exciting and really helped me transition
from secondary school to college life."

Caoimhe Duignan

BSc in Data Science - DC123

"I had no experience of any coding language
but to my surprise, coding labs quickly became
my favourite. The challenges of solving coding
problems, the satisfaction of finally completing
them, and the collaboration with fellow
students made this especially enjoyable."

Your Career Starts Here

When it comes to their employment record, DCU graduates are number one in Ireland, and in the world's top 20

DCU Careers Service

DCU's award-winning Careers team is dedicated to supporting you as you plan your next steps. We help you realise your potential, discover your future options and take the action needed to help you succeed.

We do this via career guidance and coaching meetings, classroom-based workshops, skills training, mentorship programmes, and events where you get to meet employers. All of this is a factor in DCU's ranking as no. 1 in Ireland for graduate employment rate. Examples of how we support and develop students include:

– Guide you in career planning and decision-making

– Facilitate you in discovering your skills, strengths and interests

– Provide information on graduate destinations, different industries, occupations and further study options

– Organise employer events and career fairs to facilitate professional connections and job opportunities as well as providing an online jobs board

– Deliver workshops on topics such as CVs, applications, interview preparation, and workplace skills

– Offer a range of on-line psychometric and career assessments

For more information please visit
dcu.ie/careers

INTRA (INtegrated TRAining) Programme

One of the key factors that makes DCU students so employable is our INTRA (INtegrated TRAining) work placement. We make sure that DCU courses are up to date with today's industrial and commercial world. INTRA placements give you an opportunity to gain paid work experience with companies in Ireland and overseas. During your placement, you will put what you have learned in DCU to the test in a real working environment.

As well as gaining practical skills in the workplace there are many other benefits for students who take part in INTRA:

– Builds your confidence and develops relationship skills

– Helps you to make informed career decisions

– Generates valuable employment contacts

– Gives you added motivation to excel in your studies

– Provides you with extra income - most placements offer paid work

There is no guarantee that every student will secure an INTRA placement. If a suitable placement cannot be found, students will be given a course-related project by their academic department.

For more information, please visit
dcu.ie/intra

#1 in Ireland for graduate employment rate*

Get Involved!

University is all about new experiences and new friends. At DCU, there are so many ways to get involved - whether it's meeting people with common interests in one of DCU's many student societies, getting active in a sports club, or making a difference with one of the volunteering opportunities on offer.

Clubs and Societies

Joining a DCU Club or Society is one of the best ways to get involved in student life during your time here. We currently have over 130 Clubs and Societies spread across all campuses and there is certainly something for everyone. From the Raising and Giving Society, to DCU Drama, to DCU Women's Rugby Club, to DCU LGBTA Society, DJ Society and New Opportunity Societies. If you have an interest there are other people who have it too!

Clubs and Socs are run by a committee of students who provide funding to bring you events and activities throughout the year.

For more information, please visit dcuclubandsocs.ie

Engagement Awards

At DCU, we want to recognise and reward students who get involved in activities beyond their academic and course work. As a First Year student, you can work towards the Bronze DCU Engagement Award, which recognises your engagement with the transition to third level and the journey towards independent learning and self-development.

In later years, your involvement in extracurricular activities can lead to the Silver Award, and the Uaneen Award. Having any of these awards on your CV will impress employers and can help to increase your employability.

For more information, please visit dcu.ie/students/about-dcu-engage-student-award

Clubs **Archery** Athletics **Badminton** Basketball (Ladies) **Basketball (Men's)** Boxing **Camogie** Canoe **Caving** Cricket **Cycling & Triathlon** GAA (Men's) **GAA (Ladies)** Golf **Gym & Tramp** Handball **Hockey** Hurling (Men's & Ladies) **Mixed Martial Arts** Rowing **Rock Climbing** Rugby (Men's) **Rugby (Ladies)** Soccer (Men's) **Soccer (Ladies)** Sub Aqua **Surf'n Sail** Swimming & Waterpolo **Table Tennis** Tennis **Ultimate Frisbee** Volleyball **Weightlifting**

Societies Access **Accounting & Finance** Africa **Airsoft** Alternative & Indie Music **An Cumann Gaelach** Anime & Manga **Aviation** Baking **Believers Loveworld** Book **Bridge** Camino **Camping** Chess & Checkers **Chinese** Christian Union **Circus Arts** Connected DCU **Creative Writing** Crochet & Knitting **Dance** Debate **DJ** Drama **Dungeons & Dragons** Eastern European **Education** ELSA Enactus **Engineering** Enterprise **Erasmus Student Network** Esport **Feminist** Filipino **Film** Financial & Actuarial Mathematics **Fishing** FLAC **French** Fotosoc **Games** GalStem **German** Glee **Global Business** Gospel Choir **HeadsARTS** HerCampus **History** Indian **International Relations** Investment **Islamic** Japanese **Jazz** Karting **Kpop** Law **League of Legends** LGBTA **Marketing & Innovation** Mature Students **Media Production** Mental Health **Music** Neurodivergent **Neuroscience** Ogra Fianna Fail **Ogra Shinn Fein** People Before Profit **Poker** Pole Dancing **Politics Pool & Snooker** Postgraduate **Psychological** Raising & Giving **Redbrick** Saint Dominic Catholic **Science & Health** Skate **Snowsports** Sober Soc **Social Democrats** Space & Robotics **Spanish** Speakeasy **Student Business Consulting** Style **Sustainable Living** Test **Trad Soc** Visual Arts & Design **Volunteer Overseas** Yoga **Young Fine Gael** Young Greens

Sport for all at DCU

As well as being a place to develop your mind, DCU offers great facilities for keeping physically fit and trying new sports. Regardless of your goals, we have an activity for you.

For many students sport, physical activity and wellbeing plays an important part in university life. For some, it's about the challenge of trying something new, making friends with those who have similar interests, socialising, volunteering and developing leadership skills. Other students represent their university at intervarsity competition. DCU has held many third-level titles including Archery, Athletics, Basketball, Gaelic Games, Rugby, soccer, Swimming, Tennis and much more. Meanwhile a significant number have represented Ireland at European,International at Olympic level.

At DCU we believe in a 'sport for all' philosophy. You can get involved at whatever level you choose, we are proud to provide a wide range of sports for students to take part in, with over 40 student run clubs.

Further information, please visit
dcu.ie/sports-wellbeing/dcu-sports-clubs

Sports Complex Glasnevin Campus
Our award-winning sports complex has everything you need to achieve your fitness goals, from our fully equipped gym to our 25m swimming pool with spa facilities. If you prefer fitness classes, we offer over 40 classes per week with everything from Metcon to Spin and Pilates.

The Sports Complex arena hosts many large events in basketball, badminton, volleyball and dance. We also have a climbing wall, a squash court, and a racquetball/handball court. A number of DCU sports clubs train in our facilities ranging from swimming, badminton, basketball, soccer to boxing and rock climbing. The campus also has eight outdoor astro soccer pitches.

St Patrick's Campus
St Patrick's Campus has a small gym, with new resistance machines, cardio machines and free weights. The campus has two full-sized sports halls, a full-size GAA astro-turf pitch that can host many different sports and a grass training area.

For more information on how you can access our fantastic facilities and membership options, please visit **dcu.ie/sport** or check out our facebook and instagram pages.

@dcusport
@dcusport
@dcusport

Our Sports Facilities

DCU Performance Sport Programmes

DCU is a leader when it comes to supporting students who display sporting and academic excellence. Under our CAO Points Concession, a number of academic places are reserved for students who have achieved a very high level of sporting performance and who are committed to continuing to develop their sports and academic careers.

For more information, please visit **dcu.ie/sports-wellbeing/about-dcu-performance-sports**

Sport Scholarships

DCU offers a number of Sports Scholarships each year. DCU supports the holistic development of performance athletes and recognises their increasing need to successfully balance academic and sporting commitments. This is achieved through the Sport Scholarship Programme, which supports athletes during their time at DCU who have the talent and dedication to combine an academic course with excellence in sport. It is tailored to the individual needs of each athlete.

The benefits of a DCU Sports Scholarship award may include:

– Academic Support

– Access to National and International Competition

– Coaching Expertise

– Dual Career Support

– Financial Subsidy

– High Performance Education Talks and Workshops

– Membership to the DCU Sports Complex and S&C Support

– Peer Mentoring Relationship (where suitable fit is available)

For more information, please visit **dcu.ie/sportscholarships**

High Performance Facilities

The DCU High Performance gym, located on our Sports Campus, provides a world class training environment for DCU scholarship athletes and international level athletes.

Our Sports Campus facilities include a 3G all-weather GAA pitch, squad high performance centre, athletics 5-lane sprint track, long jump, high jump and throws area.

Morton Stadium

DCU are delighted to be the new operator of the National Athletics Stadium - Morton Stadium, Santry. DCU have re-developed the indoor and outdoor track with top class mondo track and installed a state-of-the-art high performance gym.

The stadium will play host to National and International sporting events, including the National Track and Field Championships and Rugby league matches. Located 2.5km from DCU Glasnevin Campus, Morton Stadium is the main training location for DCU Athletics Club. Our athletics scholars will benefit immensely from the new facilities for training and competition.

Supporting your DCU Journey

Everybody has moments in their university journey when they need support, advice or just a listening ear. Our Student Support and Development team is here to help.

- **Student Support and Development** provides online, group and one-to-one support and guidance on personal, professional and academic matters. There is a range of services on offer, depending on what you need

- **Access Service** offers academic, financial and personal support to HEAR programme students

- **Autism Friendly Coordinator** provides support to neurodiverse students

- **Care and Connect** our University-wide approach to Health & Wellbeing

- **Careers** supports students on their career journeys

- **Chaplaincy** provides a welcoming space for all who wish to avail of the service, regardless of their beliefs.

- **Computer Services** IT support for your digital engagement

- **Counselling and Personal Development** provides personal support for students during difficult times

- **Disability and Learning Support** assists students with physical, mental health or learning difficulties

- **Financial Assistance Service** helps student facing financial challenges

- **Health Centre** nurse-led, provides medical care to registered students

- **Library Service** state-of-the-art libraries on each of our three campuses

- **Maths Learning Support** in-person drop-in service during semester for registered students

- **Parents/Guardians** information to help families support students from afar

- **Safe Zone** app for quick access to emergency services, first aid and DCU security

- **Student Advice & Learning Skills Centre** your one-stop shop for academic advising

- **Students' Union** all students are automatically members of the DCU Students' Union

- **Writing Centre** the go-to place for students academic writing needs

Further information, please visit dcu.ie/students

Accommodation at DCU

No student wants to live too far away from campus – you might miss out on much of the enjoyment that is university life.

Our award-winning campus accommodation offers you convenience and value.

On the Glasnevin Campus, Larkfield Apartments has units with two single study-bedrooms, with a shared kitchen and bathroom.

Meanwhile, in Hampstead Apartments each unit has four single ensuite bedrooms and one double ensuite bedroom, with a shared living/kitchen, dining area.

On DCU's St Patrick's Campus, student housing consists of single bedroom, and shared bathroom facilities on each floor. Each house has a common room and kitchen facility.

All applicants can apply for on-campus accommodation from February 2024 on the DCU accommodation website .

There is a €50 application fee to enter the lottery for places. The first round of offers will be made after the lottery in March. Unsuccessful applicants can choose to go on a waiting list to be included in future rounds.

For more information, please visit dcu.ie/accommodation

DCU Rooms

+353 (0) 1 700 5736

campus.residences@dcu.ie

Find out more about DCU

Choosing your course and university is a big decision. You can find out more about what DCU has to offer on our Website, or meet us in person during our regular Open Days and when we visit your school for informative talks.

CAO Hub
Our information hub **dcu.ie/CAO** is a one-stop-shop for all students considering studying at DCU.

Online Prospectus
Undergraduate courses listed by Faculty **dcu.ie/courses**

School Talks
Our Student Recruitment Team can introduce you to the full range of DCU courses as well as giving you an insight into student life and different pathways to study at DCU.

To arrange a school visit, please email **studenthelp@dcu.ie**

Career Fairs
DCU attends all major nationwide Institute of Guidance Counsellors regional fairs. Don't hesitate to come and talk to us at your next local or regional event.

School Groups and Tours
We encourage school groups to visit our campus at particular times throughout the year.

To arrange a visit please email **studenthelp@dcu.ie**

Chat to DCU Students
Do you have a question about a DCU course or DCU student life? Start an online conversation with one of our student ambassadors or read their blogs to find out more about what life is really like at DCU.

Join the conversation on Unibuddy: **dcu.ie/studentrecruitment/chat-dcu-students**

Come and see DCU for yourself at one of our Open Days

November Open Days
Friday 17 and Saturday
18 November 2023

CAO Information Evening
Tuesday 16 January 2024 (Virtual)

Spring Open Day
Saturday 13 April 2024

Transition Year Open Day
Thursday 2 May 2024

June CAO Information Day
Wednesday 26 June 2024

FET QQI Open Day
Thursday 30 November 2023

For more information, please visit
dcu.ie/studentrecruitment/opendays

Let's Keep In Touch

Contact us

✉ **studenthelp@dcu.ie**

𝕏 **@TeamDCU**

List of Courses by Subject Area

Our courses are grouped below under five major subject areas. If you know the subject area but not the name of the course you are interested in, then take a look at the listings below.

Business

Including Marketing, Human Resource Management, Law, Economics, Management and Finance

Science and Health

Chemical Sciences

Physical Sciences

Biotechnology

Health and Human Performance

Nursing

Psychology

Mathematical Sciences

Engineering and Computing

Electronic Engineering

Follow us

@business.dcu

DCU Business School

Join the dynamic and welcoming environment of our globally-ranked Business School, where ambitious students, bright ideas and inquiring minds find their place and have their opportunity to shape the future of business. Our Graduates work in large global companies, SMEs and even launch their own companies, across a variety of industries and throughout the world.

At DCU Business School we place innovation at the heart of everything we do. For example, our First Year students take part in our groundbreaking new module, Learning Innovation for Enterprise (LIFE). This module is the winner of 3 work awards for its innovative approach to teaching, and is part of our unique introductory programme for First Years.

Our longstanding connection to industry has also been the hallmark of our approach to education since our foundation in 1980. This means that our courses are highly engaged with the real world, giving graduates the latest and most relevant knowledge and skills they need to succeed in the workplace. With 11 undergraduate courses on offer, you can choose between broad or specialised business degrees. You can also opt for a course with a language, study abroad, or workplace element.

Bachelor of Business Studies
Providing you with the essential toolkit for a career in the world of business

Why DCU?
– General business degree offering you a wide choice of specialisms in your final year

– Gain valuable experience and a competitive edge with an optional year long paid work placement (INTRA)

– Specialise in a key business area (management, marketing, human resource management, business economics, business analytics or finance) in final year

– Develop skills in communications, IT, teamwork and problem solving

– Strong entrepreneurial focus to encourage innovation and creativity

About You
Do you find the world of business an interesting place? Do you see yourself enjoying a career in one of the many areas of business that could take you from management and finance to analytics, marketing and human resource management? Then this exciting course is for you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: O4 or H6 in Mathematics.

Understanding: Business Studies
Today's business world is rapidly evolving, and the key to success in this world is creativity and innovation. The Business Studies degree contains elements such as business simulations, hackathons and new enterprise development projects which will stimulate and foster imaginative thinking among our students, giving you the skills to arrive at solutions to business problems.

The degree gives you a solid grounding in the many skills required to pursue a successful career in business. It is designed to give you an introduction to the foundations of business and guide you to a specialisation in economics, management, finance, marketing, human resources, or business analytics. The greatest strength of this course is its entrepreneurial focus and relevance to management practice.

Once you have the foundations, you can choose the particular area of business that you want to specialise in. In this way, the course caters both for those who already have a clear idea about what they want their career path to be and for those who need to find out more before making a final decision.

Course Structure
The degree is structured around 3 elements: core subjects, skills and specialisms. The core modules in Years 1 and 2 provide a solid business foundation. Throughout this course, you will develop skills in areas such as communications, IT, teamwork, project management and problem solving. In your final year, you will be able to specialise in 1 of 6 areas of business.

The 4 year course includes a year long paid work placement (INTRA) at the end of Year 2, which gives you the opportunity to experience working in a real business environment. For more information, please visit dcu.ie/intra.

Alternatively, you can opt to spend a year at one of DCU Business School's top partner universities in Europe. For more information, please visit dcu.ie/placement/study-overseas.

Additional Information
This course is recognised by the Teaching Council of Ireland for teaching Business Studies (see page 188 for further details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC111

Rialtas na hÉireann
Government of Ireland

Human Capital Initiative

What Will I Study?
Year 1
Core Modules
Economics | Accounting | Marketing | IT Skills | Psychology in Organisations | Business Mathematics | Law | Critical Thinking for Business | Learning Innovation for Enterprise | Business Analytics

Year 2
Core Modules
Business Law | Operations Management | Human Resource Management | Statistics | Digital Marketing | Information Systems | Financial Management | Industrial Economics | Industrial Relations | Ethics | Financial Markets | The Changing Consumer | Applied Business Analytics | Critical Thinking for Business | The Innovators Toolkit

INTRA Year
(For those opting for a 4 year degree)

OR

Study Abroad Year
(For those opting for a 4 year degree)
Year abroad at one of DCU Business School's top partner universities in Europe

Optional: Summer School module run by the Placement Unit (you can register for a pre-approved Summer School and will be eligible to receive exemptions for 10 credits of options in your final year)

Final Year
Business Strategy | New Enterprise Development | Choice of Specialism

Final year students specialise in one of the following areas:
Human Resource Management | Business Economics | Finance | Marketing | Management of Operations | Business Analytics

CAO code
DC111

Years
3 or 4

Min points
499

Places
175

Internship
Yes

QQI FET
Yes

Future Careers
→ Accountancy
→ Economics
→ E-Commerce
→ Finance Management / Services
→ Human Resource Management
→ International Marketing Management
→ Business Analytics
→ Further Study - Teaching

In These Areas
→ Marketing
→ Finance
→ Commerce
→ International Management
→ Human Resource Management
→ Starting Your Own Business
→ Education

Bachelor of Business Studies International
Develop specialised business, language and cultural knowledge for today's international business environment

Why DCU?
– This degree combines the skills and knowledge needed for a career in business with language competence

– Be one of only 3% of Irish third-level students to study language at a significant level

– Experience another culture at first hand while you study at one of our partner institutions in Austria, Belgium, China, France, Germany, Japan, Mexico or Spain

– Develop important new perspectives on the international business world

– Cultivate a global network of contacts, connections and job prospects

About You
Do you like travelling and experiencing diverse cultures? Are you interested in learning about business in different markets and countries while honing your language skills? Are you excited by the prospect of studying abroad? This degree offers you all of these benefits and more.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: O4 or H6 in Mathematics plus minimum of H4 in one of French, German or Spanish.

Understanding:
Business Studies International
This degree offers a truly international option to ambitious students wishing to complement their business studies with the study of a foreign language as it is designed to create a group of graduates with a high level of language competency.

Business is international and this degree can take your career global. You will advance your language skills, opening up new possibilities and opportunities to work overseas. You will spend a year at one of our top partner universities in Europe, Japan, China or Mexico, to prepare you for a career in Ireland or abroad.

Course Structure
The course will introduce you to the key disciplines of business with later specialist focus on the international business environment. You will also acquire proficiency in the foreign language of your choice (French, German, Spanish, Chinese or Japanese). Throughout the course, you will develop vital business skills in areas such as communication, information technology, teamwork and problem solving. The combination of your business knowledge, language proficiency and cultural competence will make you stand out in the global workforce of today. You will specialise in a particular business discipline in the final year of the degree.

You will spend a year studying in a country where your chosen language is spoken. We are particularly proud of the calibre of our international exchange partners, who rank among the top academic institutions in their respective countries. The year abroad destinations include Austria, Belgium, China, France, Germany, Japan, Mexico or Spain.

Studying abroad is an exciting and challenging experience. In addition to the opportunity to travel, you will experience a foreign culture, make friends of many nationalities and open yourself up to a global network of friends, colleagues, contacts and opportunities. By learning about business in a different country, you will gain valuable new perspectives on the world of business.

For more information, please visit dcu.ie/placement/study-overseas

When you return to us in Year 4, you will build on your specialist knowledge with a suite of subjects designed to make you truly work-ready for an international environment.

How do I choose my language?
Students must choose a language option upon entry into the course,

French, German or Spanish (intermediate level only) or Chinese or Japanese (beginners level)

Students who choose French, German or Spanish must have a minimum of H4 in the language they wish to study.

Students who choose Chinese and Japanese - are not required to have the language previously.

What Will I Study?

Year 1
Management Accounting | Microeconomics | Global Business Environment | Critical Thinking for Business | Learning Innovation for Enterprise | Business Analytics | Marketing | Language and Cultural Modules (French/German/Spanish/Japanese/Chinese)

Year 2
Psychology in Organisations | Operations Management | Financial Management | Industrial Economics | Business Analytics | The Innovators Toolkit | Critical Thinking for Business | The Changing Customer | Financial Accounting | Economics | Language and Cultural Modules (French/German/Spanish/ Japanese/Chinese)

Year 3
Year abroad in DCU's partner universities in Austria, Belgium, China, France, Germany, Japan, Mexico or Spain

Year 4
Language and Cultural Modules (French/German/Spanish/Japanese/Chinese) | Choice of Specialism

Final-year students specialise in one of the following areas:
Business Economics | Finance | Human Resource Management | Management | Marketing | Business Analytics

CAO code
DC110

Years
4

Min points
496

Places
100

QQI FET
Yes

Future Careers
→ Human Resource Management
→ International Finance
→ International Marketing Management
→ Management Consultancy
→ Entrepreneurship

In These Areas
→ Marketing
→ Finance
→ E-Commerce
→ International Management
→ Human Resource Management

BSc in Aviation Management / with Pilot Studies / with Air Traffic Controller Studies

Take your knowledge to new heights and gain the skills for a successful career in aviation

Why DCU?

– First university degree in Ireland to combine aviation and management studies with the option to train in your final year either as a commercial pilot or as an air traffic controller or in aviation management

– Private, public and the third sector are all looking for people who are creative, who are trained in the methods and processes of innovation and who can see beyond the obvious opportunities and make exciting things happen

– Gives a broad insight into all aspects of the structures, operations and management of the aviation industry

– In Year 3 gain valuable experience in the aviation sector on a paid work placement (INTRA)

– Choice of final-year specialisms (Pilot Studies, Air Traffic Controller Studies or Aviation Management) offers you considerable flexibility

About You

Do you find the world of aviation an exciting place? Do you see yourself playing a key role in the management and development of the aviation sector? Or do you see yourself enjoying a career as a commercial pilot or air traffic controller? This course can take you there.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: O4 or H6 in Mathematics.

Understanding: Aviation Management

Aviation is a high-tech, dynamic and competitive industry operating in a global arena. For those who plan to enter the world of aviation – whether as a commercial pilot, air traffic controller (ATCO) or manager – a sound foundation in the business management principles of the aviation industry is key to success.

The aviation industry spans the airlines, airports and air traffic control as well as ancillary activities directly connecting the airline business with other sectors, such as tourism or logistics, that are dependent on international trade.

It is well recognised that within the aviation industry there will be a significant shortage of skilled aviation professionals in the near future. In the next 20 years, airlines expect to add 25,000 new aircraft to the current 17,000-strong commercial fleet. These aircraft will require pilots and other trained support staff to operate them. Increasing the fleet will also involve the expansion of services provided by staff at airports.

This exciting course develops capability in the aviation sector by educating a new generation of managers specialised in aviation management. In addition to a general management education, this course provides you with specialist knowledge in all areas of aviation and qualifies you for careers in demanding positions in this growing industry sector.

Course Structure

This course offers a route to a professional qualification as a commercial pilot or air traffic controller, combined with a strong background in business education.

Years 1 and 2 of the course provide a general introduction to business analysis, the aviation sector and technical aspects of piloting. DCU is a Registered Training Facility (RTF) recognised by the Irish Aviation Authority (IAA) to supply some of the theoretical knowledge needed to acquire a Private Pilot's Licence (PPL). However, DCU does not itself train you as a pilot (whether private or commercial). To become a pilot you will need to attend a pilot school outside the University.

Year 3 of the course begins with a 4-6 month paid work placement (INTRA) in an aviation setting. For more information, please visit dcu.ie/intra. The second half of Year 3 comprises both specialist business and aviation modules.

In Year 4, the course is divided into 3 streams. Some students will opt to pursue integrated flight training at an approved Flight Training Organisation with a view to qualifying as a commercial pilot (Airline Transport Pilot Licence (ATPL))*. A second stream will choose to seek training as air traffic controllers (for instance at the Irish Aviation Authority). The final stream will follow more specialist studies in aviation management here in DCU. Note that while all students who pass their Year 3 exams will qualify to proceed to their final year of study, if you seek a piloting or ATCO career you will also need to pass a selection process to be admitted to a pilot training college or ATCO training.

A number of our students have been successful applicants for the Aer Lingus and Air Corps Cadet programmes.

Flight Training Organisations currently approved by DCU include:

– Atlantic Flight Training Academy (Cork) – www.atfa.ie

– National Flight Centre (Leixlip) – www.nfc.ie

– National Flight Training Europe (Jerez, Spain) – www.ftejerez.com

– Oxford Aviation Academy (Oxford, UK) – www.oaa.com

DCU is also open to approving other flight training schools that hold accreditation from the European Aviation Safety Agency (EASA).

If you wish to qualify, as a commercial pilot, you should be aware that this option involves considerable costs. Pilot training is estimated to cost around €100,000.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC117

What Will I Study?

Year 1
Critical Thinking | Learning Innovation for Enterprise | Accounting | Aviation Sector and Flying Theory 1 | Aviation Policy | Economics | Foundations for Aviation Studies | Airport Operations | Business Analytics | Mathematics

Year 2
Operations Management | Airline Structures and Standards | Airline Economics and Finance | Aviation Sector and Flying Theory 2 | Sustainable Aviation | Sustainable Aviation | Financial Management | HR Management | Applied Business Analytics | The Innovators Toolkit | Critical Thinking for Business

Year 3
Advanced Operational Modelling | Aviation Safety Management | Aviation Business Management | Aircraft Leasing | Cargo Operations | INTRA (Aviation Industry)

Year 4
Pilot Studies Specialism (BSc in Aviation Management with Pilot Studies)
Flight Training Organisation (FTO) | Ground School – Theory | FTO - Frozen ATPL | Pilot Study Reflections

OR
ATCO Training Organisation | On-the-Job Training | Rating Training | Controller Study Reflections

OR
Aviation Studies Specialism (BSc in Aviation Management)
Aviation Industry Project | Business Strategy | Contingency Management for Aviation | Business and Professional Ethics | Fleet Planning | Supply Chain Management | Project Management | Cross Cultural Management | Financial Instruments and Strategies | Employer Relations

CAO code
DC117

Years
4

Min points
486

Places
40

Internship
Yes

QQI FET
Yes

Future Careers
→ Airline Pilot
→ Aviation Management
→ Air Traffic Control
→ Business Operations
→ Employee Relations
→ Flight Operations
→ Logistics
→ Supply Chain Management
→ Marketing
→ Public Relations

In These Areas
→ National Airlines
→ International Airlines
→ Airline Logistics & Management
→ Aviation Leasing

BA in Global Business
Gain two business degrees, experience two countries and complete two work placements

Why DCU?
– A course that is truly unique in Ireland, allowing you to gain 2 qualifications awarded by DCU and another top international business school

– Benefit from 2 work placements – 1 in Ireland and 1 abroad

– Learn about business while immersing yourself in 2 different social, cultural and political environments

– Have the option of specialising in a specific area of business in final year

About You
Are you interested in pursuing a career in business with an international dimension? Are you excited by the prospect of spending 2 years in a leading university abroad? Would you like the opportunity to study with a diverse group of students from all over the world and really immerse yourself in that culture? If so, this course is for you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: O4 or H6 in Mathematics plus H4 in French (DC112), German (DC113) or Spanish (DC114).

Understanding: Global Business
The BA in Global Business is a unique course, combining a broad understanding of international business with intercultural experience and work placements. As such, you will gain the necessary knowledge and skills to work in the challenging and diverse world of international business.

Course Structure
You will spend Years 1 and 2 in DCU (including a paid work placement in Ireland) and Years 3 and 4 in the relevant partner institution abroad, where you study through that country's language and university system. You will also go on a paid work placement while abroad.

At the end of your 4 years of study, you will graduate with 2 degrees, 1 from DCU and 1 from the partner institution.

Business: The main emphasis is on business subjects. Over the 4 years, you will gain an understanding of the principles of business, especially international business. In Years 1 and 2, you will study subjects such as accounting, finance, economics and marketing. On transferring to the partner institution in Year 3, the focus on international business continues, and in Year 4 you have the opportunity to specialise in a variety of business areas.

Language and Culture: For students on DC112, DC113 and DC114, the course includes the study of European political, cultural and social developments. These are combined with the study of French, German or Spanish, which will be your working language of Years 3 and 4 of the course. Overseas students have the opportunity to learn another European language or Chinese in Years 1 and 2.

Students on the USA and Canada courses study North American history, politics and business practice, and also have the option to study a second language.

We offer the course in cooperation with our partners from the International Partnership of Business Schools.

France: Neoma Business School was formed in 2013 through a merger of Rouen Business School and Reims Management School. It is one of France's largest and best-known business schools, with 8,000 students across three campuses (www.neoma-bs.com).

Germany: European School of Business, Reutlingen, Germany is over 100 years old, has more than 3,000 students in 11 faculties and maintains relationships with numerous institutions in other countries. It has an excellent reputation for delivering rigorous courses of education and for producing highly successful graduates (www.esb-reutlingen.de).

Spain: ICADE in Madrid is part of the faculty of business and enterprise at the Universidad Pontificia Comillas. It is one of Spain's oldest and most highly regarded business schools (www.icade.es).

USA: Northeastern University, Boston, is one of the leading universities in the United States. It has been ranked number one among those US universities which offer work placements as part of their course (www.neu.edu).

The University of San Diego is located approximately two miles north of downtown San Diego on the west coast of the USA. It is ranked the 53rd Best Undergraduate Business School in the USA by Bloomberg Businessweek (www.sandiego.edu).

Canada: Brock University, founded in 1964, is located in Ontario, Canada. Situated at the centre of the Niagara Peninsula, it is the only university in Canada in a UNESCO Biosphere Reserve (www.brocku.ca).

> DC116 only: To complete exchange with the US partners, students need to obtain a J1 Visa, see details on dcu.ie/DC116

You will graduate with 2 qualifications – the BA in Global Business from DCU and one of the following:

– The DESEM (Diplôme d'Études Supérieures Européennes de Management) from Neoma Business School (France)

– The BSc in International Management from the European School of Business, Reutlingen (Germany)

– The Graduado Superior en Ciencias Empresariales Internacionales from the Universidad Pontificia Comillas (Spain)

– The BSc in International Business from Northeastern University (USA)

– Bachelor of Business Administration from University of San Diego (USA

– The Bachelor of Business Administration (BBA) from Brock University (Canada)

You do not pay additional tuition fees at the partner university; you continue to pay DCU tuition fees while studying at the partner university. You should however budget for living costs which vary depending on the location.

What Will I Study?

Year 1
Economics | Accounting | Business | Business Mathematics | Finance | Psychology in Organisations | Global Business Environment's | Business Analytics | Critical Thinking | Learning Innovation for Enterprise | Marketing | Language and Culture of Chosen Country (France/Germany/Spain/USA/Canada)

Year 2
Economic Policy | Finance | Management | Accounting | Business Information Systems | Business Analytics | INTRA | Language and Culture of Chosen Country (France/Germany/Spain/USA USA/Canada)

Year 3 and Year 4
You spend Years 3 and 4 in France, Germany, Spain, USA or Canada. While abroad, you will have the opportunity to specialise in a variety of business areas and undertake a second work placement. You will have the option to return to DCU for Year 4. If you choose this option, only one qualification – the DCU degree – will be awarded.

	France	USA
CAO Code	**DC112**	**DC116**
Years	**4**	**4**
Min points	**555**	**613**
Places	**20**	**5**
Internship	**Yes**	**Yes**
QQI FET	**Yes**	**No**

	Germany	Canada
CAO Code	**DC113**	**DC119**
Years	**4**	**4**
Min points	**487**	**577**
Places	**15**	**20**
Internship	**Yes**	**Yes**
QQI FET	**Yes**	**No**

	Spain
CAO Code	**DC114**
Years	**4**
Min points	**566**
Places	**15**
Internship	**Yes**
QQI FET	**Yes**

Future Careers
→ International Marketing
→ Banking
→ Finance
→ European Regulation
→ European Affairs
→ International Affairs

In These Areas
→ Marketing
→ Finance
→ Commerce
→ International Management
→ Human Resource Management

BA in Accounting and Finance
Become a leading professional in Accounting and go anywhere with your business career

Why DCU?

– Generous exemptions from examinations of professional accounting bodies

– Continued high level of recruitment by all the leading accounting firms

– Options to specialise in a range of areas, including accounting, finance and management, or go on to a year long Masters upon completion of Year 3

– Student-friendly, congenial environment with excellent, supportive and friendly lecturers

– Sponsored prizes from KPMG, PricewaterhouseCoopers, Grant Thornton, Mazars, Kavanaghfennel and CIMA – awarded to top students (see dcu.ie/DC115 for more details)

About You

Are you a logical thinker? Do you like problem solving? Are you interested in how businesses and organisations operate in adding value to their activities? Are you looking for an exciting and dynamic career where you can work in any business sector anywhere in the world? If you have not studied accounting previously, don't worry. Prior knowledge of accounting is not a specific course requirement, introductory classes will be provided to give you the basics you will need.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding: Accounting and Finance

The BA in Accounting and Finance at DCU is Ireland's premier degree for those wishing to pursue careers as accountants and financial services professionals. This is an extremely popular course, the first of its kind in Ireland, and continues to be highly regarded by the accounting and financial services professions.

Course Structure

The course develops top-quality graduates who can think critically and creatively, and who have technical expertise and well-developed decision-making and problem-solving skills. The goal of the course is to give you in-depth knowledge of the theoretical and practical aspects of accounting and finance, as well as an understanding of the business, legal, taxation and IT context of this work. These skills will help you to succeed in accounting, finance, taxation or related careers.

The 3 year course is structured around 3 main areas:

– **Accounting:** financial and management accounting are studied from Irish and international perspectives. Taxation, auditing and professional ethics modules are also offered

– **Finance:** a thorough foundation in the principles of economics, corporate finance and topics such as investments is provided

– **Business:** a rounded understanding of the principles of business is developed through the study of subjects such as commercial and company law, psychology, marketing, HR, management, communications, IT, business strategy and new enterprise development

If you wish, you may choose to study 1 of 3 European languages (French or German or Spanish) as part of the course. You can study a language throughout your degree or in Year 1 only, depending on your preference.

Exemptions

Graduates are granted generous exemptions from the examinations of professional accountancy bodies. Current exemptions include:

1. Chartered Accountants Ireland (CAI): 2.2 Honours graduates gain full exemption from the CAP1

2. Association of Chartered Certified Accountants (ACCA): Exemption from F1, F2, F3, F4, F5, F7, F8, F9 at fundamental level

3. Chartered Institute of Management Accountants (CIMA): Exemption from C1, C2, C3, C4, C5, P1, P2, F1

4. Institute of Certified Public Accountants in Ireland (ICPAI): Formation Levels – full exemption; Professional Level 1 – exemption from Auditing and Corporate Reporting

5. Irish Taxation Institute (ITI): Exemption from 3 out of 4 papers of Part 1

Note: All exemptions awarded are subject to annual review and revision by the various professional bodies, and depend on achieving clear passes on completion of specific modules.

What Will I Study?

Year 1

Financial Accounting | Management Accounting | Accounting Mathematics | Law | Business Analytics | Economics | Critical Thinking for Business | Learning Innovation for Enterprise | Language Option | Planning and Control

Year 2

International Accounting | Financial Accounting | Management Accounting | Quantitative Methods | Company Law | Business Ethics | Financial Management | Information Systems | Language Option | Critical Thinking for Business | The Innovators Toolkit | Accounting for Sustainable Business

Year 3

Business Strategy | Taxation | Management Accounting | Macroeconomic Policy | Language Option

The final year also incorporates specialisation in one of the following areas:
Accounting | Finance | Economics | Management of Operations

CAO code
DC115

Years
3

Min points
509

Places
110

Internship
No

QQI FET
Yes

Future Careers

→ Professional Accountant
→ Accounting
→ Financial Management
→ Further Study - Teaching

In These Areas

→ Professional Accountancy Practices
→ Industry
→ Commerce
→ Financial Services
→ Public Service
→ Education

BSc in Marketing, Innovation and Technology
Develop an entrepreneurial outlook and excel in an innovative marketing world led by technology

Why DCU?

– Only course of its kind in Ireland meeting demand for creative, cutting edge and innovative graduates

– Private, public and the third sector are all looking for people who are creative, who are trained in the methods and processes of innovation and who can see beyond the obvious opportunities and make exciting things happen

– 12 month paid work placement (INTRA) in Year 3

– Strong focus on creativity, innovation and high-tech entrepreneurship across multiple disciplines

– International summer school opportunity

– CEO-led seminars enable you to learn from senior industry professionals

About You

Are you interested in marketing and how innovation adds value to the evolving world of business? Are you a creative thinker and have a genuine curiosity about technologies that are changing our world? You will apply your marketing skills, knowledge of the innovation process and good understanding of technologies to your future career.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding: Marketing, Innovation and Technology (MINT)

This is a really exciting time to be in business especially if you have the skills we focus on in MINT. It is a time when originality, agility, creativity are all in high demand and well rewarded. Covid-19 has accelerated what is being called the Great Reset in Business. It has intensified pressure on organisations to transition to a digital-first business model. Graduates who are experts in the latest technology, its applications and the opportunities it presents, the ways in which it can be marketed, will have an opportunity to make a big and positive impact in the organisation that they choose to join. Our course really emphasises innovation, technology and marketing. These are the dominant themes in business today. We work with leading practitioners to bring the voice of business into the lecture hall. This degree prepares you to earn a reputation for being able to hit the ground running in any organisation that is committed to growing their business through technology, marketing and innovation. As Peter Drucker said – 'Marketing and innovation produce results; all the rest are costs'.

You will explore the new technological challenges that organisations face, such as:

– Information and communications technologies (mobile devices, big data, social media marketing, marketing automation)

– Biotechnologies (advances in pharmaceuticals, biofuels and fine chemicals)

– Physical sciences (laser, x-rays, nanotechnology)

In the new business environment, marketing needs to be integrated within all functions of the organisation. By developing an entrepreneurial outlook (a hallmark of this degree), you will learn to anticipate and respond to consumer needs, and to develop and market these technologies in a way that makes sense in today's marketplace.

Course Structure

You will be introduced to a range of technologies, from information and communication technology to emerging life sciences and biotechnology. You will also study creativity, discovery and innovation. By the end of Year 4, you will have gained:

– An in-depth understanding of marketing techniques

– A core grounding in science and technology

– Knowledge of web design, communications and industrial design

– An entrepreneurial outlook

– An understanding of the processes involved in new product development

You will learn through lectures, case studies and research projects, and from the vast knowledge of visiting practitioners. In some projects, you will work in multidisciplinary teams alongside engineers, scientists and biotechnology students, reflecting real-life scenarios.

Although (INTRA) is an optional part of the MINT degree, we strongly recommend you to avail of it. INTRA will provide you with a chance to work in a real world environment before you graduate. We expect 90% of your classmates will be doing INTRA. This 12 month, paid work placement (INTRA) in Year 3, gives you a unique and valuable opportunity to appreciate the relevance of your study to the real business world. Our experience has been that students who have been on INTRA have a significant competitive edge when seeking employment after graduation. For more information, please visit dcu.ie/intra.

What Will I Study?

Year 1
Critical Thinking For Business | Learning Innovation for Enterprise | Economics | IT Skills | Market Feasibility Research | Marketing of High-Tech Products and Innovations | Modern Technology | Business Analytics | Market Intelligence

Year 2
Accounting | Biotechnology | Digital Marketing | Distribution Management | International Marketing | Data Analytics for Marketing Applications | Critical Thinking for Business | Web Design | Sales Strategies | Organisational Psychology | The Changing Customer | The Innovators Toolkit

Year 3
INTRA

OR
Study Abroad Year
(For those opting for a 4 year degree) Year 3 will be spent abroad at one of DCU Business School's top partner universities in Europe

Optional
International Summer School Module run by the Placement Unit (you can register for a pre-approved Summer School and may be eligible to receive exemptions for 10 credits of options in your final year) | Uaneen Award: DCU's Leadership and Engagement Module

Year 4
Business Strategy | Digital World | High Technology Entrepreneurship | Information Technology | Marketing Communications | Marketing Management and Planning | New Technology Foresights | Project Management | Operational Modelling

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CAO code
DC240

Years
4

Min points
484

Places
50

Internship
Yes

QQI FET
Yes

Future Careers
→ Brand Account Manager
→ Brand Ambassador
→ Digital Account Executive
→ Direct Marketing Executive
→ Sales Manager
→ Technology Consultant
→ Agency Strategist
→ Product Development
→ Creative Strategist
→ Innovation Specialist
→ Innovation Lead

In These Areas
→ Technology
→ Healthcare
→ Pharmaceuticals
→ Biotechnology
→ Software and IT
→ Telecoms
→ High-Tech Manufacture Firms

BSc in Digital Business and Innovation
Learn how companies leverage digital technologies to innovate, transform and succeed

Why DCU?

– Benefit from a deep understanding of how key enabling technologies work, as well as their business, economic, and social impacts

– Combine practical knowledge and experience in applying digital technologies in a range of contexts to achieve business objectives

– Develop an innovation mindset and insights into how to ideate and create new products, services, and markets that leverage digital technologies

– Gain the ability to acquire the knowledge and skills needed to support digitisation and digital transformation initiatives

– 12 month paid work placement (INTRA) in Year 3

About You

Do you want to be prepared for an exciting and rewarding career in a dynamic and growing field developing smart, connected products, experiences and services? Do you see yourself applying digital knowledge and skills in projects with real world clients whilst learning about and through technology? Then this exciting course is for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see pages 174), the following entry requirements apply: O4 or H6 in Mathematics.

Understanding: Digital Business and Innovation

DCU Business School has drawn on its existing deep expertise in digital business technologies and innovation to create this 4 year course which is designed to prepare graduates with the competencies and skills to leverage digitalisation to innovate and transform businesses and succeed in a future world of work permeated by digital technologies. This course, the first of it type in Ireland is designed in conjunction with industry, will help future proof you with an innovation mindset and industry-relevant knowledge and skills in emerging technologies including: Cloud Computing; Social Media; Big Data Analytics; Mobile Technologies; The Internet of Things; Smart Contracts and Blockchain; and Augmented and Virtual Reality.

Course Structure

Unlike more conventional undergraduate courses, the BSc in Digital Business and Innovation will give you practical learning opportunities through the use of technology. It will provide you with regular opportunities to gain experience applying your digital knowledge and skills on projects with real world clients including a 12 month paid work placement (INTRA) in Year 3. For more information, please visit dcu.ie/intra. The course will equip graduates with 2 highly in-demand skills of innovation and digital agility to exploit the ever-increasing opportunities in digital business. The course will prepare you for an exciting and rewarding career in a dynamic and growing field developing smart, connecting products, experiences and services.

With this course, you will learn about, through and with technology in an industry-relevant way. DCU Business School is working with industry partners to innovate the curriculum. It aims to closely replicate real, fast-paced workplace environments, meaning the ways students learn will often be quite different to traditional lecture environments. The course will also move away from traditional modes of assessment (e.g. terminal ends of semester examinations).

There will be touchpoints with industry throughout the year, including hackathons, design sprints, mentoring relationships, and immersive learning experiences in which you will be given real world business challenges or opportunities to sense-check ideas and solutions.

Rialtas na hÉireann
Government of Ireland

HCI Human Capital Initiative

What Will I Study?

Year 1
Critical Thinking for Business | Learning Innovation for Enterprise | Digital Business Ecosystem | Digital Business Tools | Transform Yourself: Self-Awareness | Business Analytics 1 | Accounting for Business | Fundamentals of Economics

Year 2
Digital Business Models | Failure | Digital Lab | Transform Yourself: Personal Agility | Innovators' Toolkit | Critical Thinking in Action | Project Management for Digital Business | Digital Marketing | New Product Development and Innovation Studies | Data Analytics for Marketing Applications

Year 3
INTRA

Year 4
Challenge-Based Project | Digital Business Leadership and Change | Conscious Innovation | Transform yourself: Future Proof | Innovation Economics | Analytics and Visualization | Business Strategy

CAO code
DC241

Years
4

Min points
462

Places
45

Internship
Yes

QQI FET
Yes

Future Careers
→ Digital Business Analyst
→ Digital Innovation Management
→ Technology Consultant
→ Entrepreneurship
→ Cloud Computing
→ Mobile Technologies
→ Digital Transformation Architect
→ Chief Digital Officer
→ Digital Construction Manager

In These Areas
→ Consultancy
→ Technology
→ Entrepreneurship
→ E-Commerce
→ Digital Transformation
→ Software and IT
→ Telecoms
→ Innovation

Follow us

✕   @DCUFSH

Faculty of Science and Health

The Faculty of Science and Health is an inspiring place where you can discover, experiment and explore. Our courses cover a wide range of subjects that prepare graduates for a variety of exciting careers across the fields of Science and Health.

Are you curious about the world around you, and the forces that shape and change it? Are you fascinated by scientific discoveries that expand our understanding of existence? Are you passionate about helping people, and improving the health of individuals and communities? If your answer is yes, then the Faculty of Science and Health is the place for you.

Known for cutting-edge teaching facilities, and for the excellence of our scientific innovation and health research, we promise our students an education that gives you the skills and knowledge for a successful and rewarding career that makes a real difference.

Common Entry into Actuarial and Financial Mathematics
Applying mathematics in the real world

Why DCU?
– Choose between 2 qualifications

– At the end of Year 2, you decide between Actuarial Mathematics or Financial Mathematics

– BSc in Actuarial Mathematics may offer exemptions from the Core Principles examinations of the Institute and Faculty of Actuaries (IFoA) UK – CS1, CS2, CM1, CM2, CB1 AND CB2

– BSc in Financial Mathematics opens up a wide range of financial careers and may offer exemptions from the Core Principles examinations of the Institute and Faculty of Actuaries (IFoA) UK - CS1, CM2, CB2

– Employers value the high-level mathematical training we offer

About You
Do you have an interest in and aptitude for high-level mathematics and enjoy the challenge of problem solving? Do you want flexibility in deciding on your eventual career path? Common Entry gives you the choice of 2 degree courses: Actuarial Mathematics or Financial Mathematics.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirement applies: minimum of H3 in Mathematics.

Understanding:
Actuarial and Financial Mathematics
DC127 is a common entry route to 2 BSc courses in the areas of actuarial and financial mathematics. After 2 years of study via (DC127) Common Entry route you are better placed to know which of the 2 options you enjoy most.

They are:

– BSc in Actuarial Mathematics

– BSc in Financial Mathematics

Entry to Actuarial Mathematics is subject to performance in Years 1 and 2. The BSc in Actuarial Mathematics also has a direct entry route. If you wish to directly enter the Actuarial Mathematics course, you should apply to the BSc in Actuarial Mathematics (dcu.ie/DC126).

Access to Financial Mathematics is exclusively via the Common Entry (DC127) only.

A report on the future of the international financial services sector in Ireland by Deloitte concludes that, "It is imperative that Ireland builds its pool of mathematically literate skill sets as they will be a key enabler to a successful, high-value financial centre." These BSc courses address this imperative.

Course Structure
Both of the courses emerging from Common Entry last for 4 years in total. At the end of Year 2, you choose which course to follow. The structure allows you to make an informed decision about which stream to specialise in after studying fundamental courses such as analysis, algebra and probability, together with computing and statistics.

In light of this, we offer the following advice:

– If you are certain that you want to pursue an actuarial career, apply for the DC126 BSc in Actuarial Mathematics

– If you wish to keep your options open with the actuarial/financial range, apply for DC127 Common Entry

– If you wish to maximise your chances of accessing an actuarial or financial course, you should apply for both DC127 Common Entry and DC126 BSc in Actuarial Mathematics in the order that reflects your priorities

You will have the opportunity to undertake a placement in the actuarial or financial industry. INTRA placement offers you paid, relevant work experience. It gives you a wonderful opportunity to experience a real work environment, make more informed decisions about your career choice and make useful contacts with prospective employers.

If you elect the BSc in Financial Mathematics, you will study how random processes can develop over time, and apply these mathematical methods to examine how financial phenomena can evolve. You will also learn how to employ sophisticated statistical techniques to investigate large quantities of financial data and develop cutting-edge and data-driven models of the stock market. You will study high-level modern probability, and apply it to designing and pricing complex financial products such as derivatives and swaps. You will also learn how to make the large-scale computer simulations needed to price exotic financial securities.

Additional Information
Graduates of Actuarial and Financial Mathematics are well placed to undertake a postgraduate qualification in teaching, and have completed at least 50 of the 60 credits of mathematics required for Teaching Council of Ireland recognition.

Contact Details
studenthelp@dcu.ie

What Will I Study?

Year 1
Analysis | Calculus | Probability | Computing for Mathematics | Linear Mathematics | Microeconomics | Sequences and Series | Macroeconomics | Financial Modelling with Excel

Year 2
Statistics | Calculus | Linear Algebra | Numerical Methods | Analysis | Differential Equations | Probability | Accounting

Year 3 (Financial Mathematics)
Stochastic Modelling | Financial Mathematics | Partial Differential Equations | Financial and Actuarial Models | INTRA

Year 4 (Financial Mathematics)
Financial Economics | Probability and Finance | Stochastic Finance | Simulation for Finance | Fixed Income Securities | Optimisation

Year 4 Options
Deep Learning | Time Series | Financial Economics

CAO code
DC127

Years
2
(Years 1 & 2 only)

Places
25

Min points
531

QQI FET
Yes
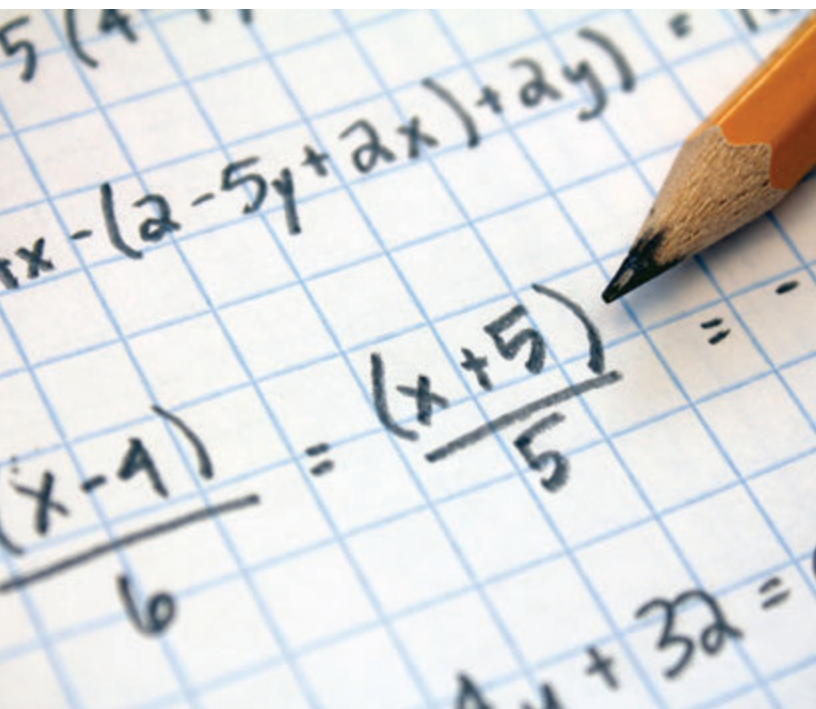
Future Careers
→ Investment Analysis
→ Trading
→ Risk Management
→ Information Technology
→ Actuary
→ Consultancy
→ Statistical Analysis
→ Research
→ Data Analytics
→ Further Study – Teaching

In These Areas
→ Industry
→ Financial Sector
→ General and Health Insurance
→ Pensions
→ Banking

BSc in Actuarial Mathematics
Managing financial risk – turn risk management into a career

Why DCU?

– Fully accredited by the Institute and Faculty of Actuaries (IFoA) UK

– Paid work experience provides practical actuarial experience and enables you to make informed career decisions

– Specialise in the latest applications of mathematics to finance

– Industry-sponsored prize awarded each year to the graduate with the best academic performance

– BSc in Actuarial Mathematics may offer exemptions from the Core Principles examinations of the Institute and Faculty of Actuaries, (IFoA) UK – CS1, CS2, CM1, CM2, CB1 and CB2

About You

Do you excel in mathematics and problem solving? Do you want to apply your talents to a career in the actuarial profession or in finance, then come and join the course.

Additional Requirements

In addition to the general entry requirements for admission to the University (see pages 174), the following entry requirement applies: minimum of H3 in Mathematics.

Understanding:
Actuarial Mathematics

How long will people live and how much should they insure their lives for? Can we understand and predict the movement of stock prices? What is the rate of return on capital on an investment venture, and should that project be funded? These are some of the questions we will help you to answer at DCU.

The BSc in Actuarial Mathematics prepares you to pursue a career as an actuary or, more generally, for a career in finance. Actuaries are involved in quantifying and managing risk, and work in areas as diverse as banking, insurance and healthcare. As markets become increasingly complex, there is a growing need for professionals who combine mathematical and financial expertise.

Course Structure

In Years 1 and 2 of your degree, you will cover the fundamental mathematical principles that underpin the financial models studied in later years. You also study practical and finance-related subjects such as computer programming, economics and accounting. In Years 3 and 4 you apply sophisticated mathematical techniques to real-world problems in insurance, finance and banking.

Additional Information

The BSc in Actuarial Mathematics is fully accredited by the Institute and Faculty of Actuaries (IFoA). These are the initial examinations required in order to qualify as an actuary in Ireland and the UK. Exemptions depend on examination performance during the degree, and achieving all 6 exemptions can significantly reduce the time taken to qualify as an actuary.

Graduates of this course are well placed to undertake further studies and research in actuarial science, mathematics, financial mathematics, economics and finance. The course provides a strong foundation for those who wish to pursue a postgraduate qualification in teaching, and covers over 90% of the mathematics required for Teaching Council of Ireland recognition (see page 188 for further details).

INTRA

In Year 3, you will have the opportunity to undertake paid work placement (INTRA) in the actuarial or financial industry. For more information, please visit dcu.ie/intra.

The placements are, typically, with major insurance companies, actuarial consultancies, investment banks or trading houses. This is a key opportunity for you to gain practical skills and experience in a commercial environment and will help you make an informed career choice upon graduation.

Additional Information
Graduates of Actuarial Mathematics are well placed to undertake a postgraduate qualification in teaching, and have completed at least 50 of the 60 credits of mathematics required for Teaching Council of Ireland recognition.

Contact Details
studenthelp@dcu.ie

What Will I Study?

Year 1
Mathematical Analysis | Probability | Computing for Mathematics | Linear Mathematics | Microeconomics | Sequences and Series | Calculus | Macroeconomics | Financial Modelling with Excel

Year 2
Statistics | Calculus | Linear Algebra | Numerical Methods | Analysis | Differential Equations | Probability | Accounting

Year 3
Actuarial Modelling | Stochastic Modelling | Financial Mathematics | Accounting | Financial and Actuarial Models | INTRA

Year 4
Life Contingencies | Financial Economics | Time Series | Simulation for Finance | Deep Learning | Probability and Finance | Stochastic Finance | Optimisation

CAO code
DC126

Years
4

Places
30

Min points
577

Internship
Yes

QQI FET
No

Future Careers
→ Actuarial Consultancy
→ Risk Management
→ Investments
→ Life and Health Insurance
→ General Insurance
→ Pensions
→ Further Study - Teaching

In These Areas
→ Financial Services
→ Insurance
→ Pensions
→ Banking

Biological Sciences General Entry
Applying biology to the manufacture of products for the benefit of mankind

Why DCU?

– Chance to explore biology, biotechnology and bioprocessing in Year 1 before choosing the BSc in Biotechnology (DC181), the BSc in Genetics and Cell Biology (DC168), or the new BSc in Bioprocessing for Years 2, 3 and 4

– Student-centred blended learning approach aimed at developing your core scientific and bioprocessing skills

– Hands-on laboratory training covering all areas of science in Year 1

– Opportunity to apply basic scientific concepts for real societal impact

About You

Do you like studying biology, especially the application of biology to the manufacture of products for the benefit of mankind? Do you have an inquisitive and analytical mind, and are interested in the basic sciences? Then Biological Sciences General Entry is a great option for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding:
Biological Sciences General Entry

Biology is an increasingly diverse area incorporating a wide range of topics. Our understanding of molecules, cells and life is central to our understanding of human beings and the factors that affect their health. Upon completion of Year 1 on the General Entry course, you can do the BSc in Biotechnology DC181, the BSc in Genetics and Cell Biology DC168, or the new BSc in Bioprocessing.

The BSc in Biotechnology focuses not just on biology itself but on applying our knowledge of biology combined with our knowledge of bioprocess engineering to produce molecules, especially biopharmaceuticals, including vaccines, on an industrial scale.

The new BSc in Bioprocessing will contain a little bit more bioprocess engineering than the BSc in Biotechnology (DC181) course, but, importantly, will involve a brand new approach to teaching and learning. There will be far less emphasis on lectures and examinations and much more focus on multidisciplinary projects and teamwork. There will also be a strong emphasis on acquiring digital and data analytics skills.

The BSc in Genetics and Cell Biology (DC181) option, will provide you with the knowledge and skills to investigate how life works at a molecular and cellular level. The sub-disciplines that you will study include immunology, cell and molecular biology, microbiology and biochemistry, and computational biology (bioinformatics).

Course Structure

Part of Year 1 is taken in common with other science courses, so you will be studying biology, chemistry, physics and a module in which you will develop the basic skills required to thrive at third level. You will also study a newly-designed mathematics course which will use adaptive learning methods so that students can progress at a pace that suits them.

At the end of Year 1 you will be prepared to progress to Years 2, 3 and 4 of your chosen Biological Science degree, which include:

– BSc in Bioprocessing (via DC180)

– BSc in Biotechnology (DC181)

– BSc in Genetics and Cell Biology (DC168)

Progression to your chosen Year 2 course may be merit based depending on demand.

Additional Information
Biological Sciences General Entry designated degree courses satisfy the current subject curricular requirements for teaching biology at post primary level set by the Teaching Council of Ireland, (see page 188 for further details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC180

What Will I Study?
Year 1
Chemistry, Biology and Physics Laboratories | Chemistry | Professional Skills for Scientists and Engineers | Physics | Cell Biology and Biochemistry | Microbiology and Genetics | Calculus and its Applications / Introduction to Biotechnology and Bioprocessing

For Years 2, 3 and 4, you will take the modules of your chosen degree course.

CAO code
DC180

Years
1

Places
120
(DC180, DC181 and DC168)

Min points
488

QQI FET
Yes

Future Careers
→ Further Study-Postgraduate Research
→ Production Scientist in Biopharma Industries
→ Quality Management and Regulation in Biopharma Industries
→ Bioprocess Plant Design and Commissioning
→ Technical Sales and Support
→ Biomedical Scientist in Health Sectors
→ Further Study - Teaching
→ Technical Roles in Food and Beverage Production
→ New Product Development in Bioprocessing Industries
→ Brewing

BSc in Bioprocessing
Discover the scientific and engineering bases at the heart of biopharmaceutical and related industries

Visit Us Online
dcu.ie/DC180
Contact Details
E studenthelp@dcu.ie

General Information

The BSc in Bioprocessing is an interactive and dynamic course that will develop your knowledge and appreciation of biological sciences and engineering bases for bioprocess design and operation.

Why Is It Exciting?

Bioprocessing is at the heart of the biopharmaceutical and related industries. Bioprocessing involves the integrated application of biological sciences and bioprocess engineering principles to the manufacturing of pharmaceuticals, enzymes, food, and related products, on a commercial scale. This course will develop your understanding of the fundamental biological principles and methods involved in the development of new drugs and related products. You will also come to understand the problems posed by the demands of large-scale production, you will develop the bioprocess and biomolecular engineering knowledge and skills to solve those problems.

As a budding bioprocessing specialist, you will have a unique appreciation of the integrated nature of bioprocessing and you will be able to combine your knowledge of biochemistry, microbiology and genetics with your expertise in bioprocess control, data analysis and process modelling and simulation. Your strong knowledge of both biology and bioprocess engineering, and your ability to integrate these disciplines, will place you in the perfect position to work, research and innovate in the rapidly changing bioprocessing sector.

To study Bioprocessing, you must join our Biological Sciences General Entry DC180 and choose this option at the end of Year 1.

What Will I Study?

At the start of the BSc in Bioprocessing, you will be introduced to the basic sciences, mathematics and data analytics. As you progress, you will delve more deeply into the fundamentals of both biology and bioprocess engineering, putting in place the foundations to be able to integrate these disciplines.

In Year 3, you will begin to focus on real-world bioprocessing problems and have the opportunity to spend 9 months in industry as part of our industrial training programme (INTRA).

In Year 4, you will continue to develop your ability to integrate biology and bioprocess engineering. You will complete an industry-focused research project and take part in a team-based product innovation challenge. You will also contribute to a research-focused journal club with your fellow students and your lecturers.

How To Apply

Applicants to this course must apply via DC180 Biological Sciences General Entry.

CAO code
DC180

Years
1+3

Places
See page 47

Internship
Yes

Entry via DC180 Biological Sciences General Entry

Rialtas na hÉireann
Government of Ireland

Human Capital Initiative

BSc in Biotechnology
Apply biology to improve the quality of human life

Why DCU?

– Longest-established biotechnology course in Ireland

– Modern course integrating emerging new technologies

– Multidisciplinary academic staff within the School of Biotechnology

– 9 month paid work placement (INTRA) at home or abroad in Year 3

About You

Do you have an inquisitive and analytical mind? Are you interested in the application of the basic sciences? If you have basic competency in mathematics, then you should thrive in Biotechnology.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding: Biotechnology

Biotechnology is making significant contributions to global society. By studying the components of living cells, we can learn how to control, fix and modify them to our benefit. This knowledge is already leading to the creation and manufacture of products that help in the diagnosis and treatment of disease (e.g. the production of antibiotics, insulin and other genetically engineered medicines, such as safer recombinant vaccines). Biotechnology also contributes to services in areas like healthcare, food, agriculture, energy and the environment.

Biotechnologists find new and innovative solutions to problems encountered in society. They need a good fundamental grasp of the biochemistry underlying biological systems and a good knowledge of the exciting innovations occurring in genetics, immunology and bioinformatics. To understand how solutions apply on a commercial industrial scale, they also need a good understanding of the underlying physical and chemical (bioprocess) engineering principles pertaining to living cells.

Course Structure

You will study a wide range of scientific and bioprocess engineering subjects, you will gain the necessary skills to succeed in the emerging, technology-driven biotech industry.

In Year 1, you will study the basic sciences and mathematics, with an introduction to bioprocessing. Year 2 develops the biological and engineering aspects of Biotechnology. Year 3 introduces specialist areas of biology, such as immunology, genetic engineering and cell culture. In your bioprocess engineering modules, you will be introduced to bioreactors, primary separations and downstream processing. In addition, in Year 3 you will have the opportunity to do a 9 month paid work placement (INTRA) which ensures you gain first-hand experience during your industrial placement. For more information, please visit dcu.ie/intra.

In Year 4, the underlying biological and engineering principles of biotechnical processes are developed in an integrated manner, and you can choose either a BioPharma specialisation, which includes content focusing on the biopharmaceutical industry, or a research specialisation that includes an 8 week research project conducted in the research laboratory of your project supervisor. Here you will work with postgraduate and postdoctoral researchers on cutting edge problems in biology and bioprocess engineering.

What Will I Study?

Year 1
Chemistry, Biology and Physics Laboratories | Mathematics | Chemistry | Physics | Cell Biology and Biochemistry | Bioprocessing

Year 2
Biomolecules and Metabolism | Cell Structure and Function | Microbiology and Genetics | Bioprocess Engineering | Organic Chemistry | Biotechnology Instrumentation | Statistics | Transport Processes | Laboratories | Scientific Literature

Year 3
Gene Cloning and Gene Expression | Advanced Cell Biology | Cell Biology, Recombinant DNA Cloning and Bioinformatics | Downstream Processing | Bioreactors and Primary Separations | Bioprocess Engineering Laboratory | INTRA

Year 4
Research Stream
Industrial Bioprocessing | Proteins, Proteomics and Biopharma | Genetics and Cell Biology | Immunology and Immunoanalysis | Animal Cell Biotechnology | Literature Review | Research Project | Human Inheritance and Population Genetics | Commercial Biotechnology and Biopharma

Year 4
Biopharma Stream
Industrial Bioprocessing | Proteins, Proteomics and Biopharma | Genetics and Cell Biology | Immunology and Immunoanalysis | Animal Cell Biotechnology | Literature Review | Bioprocessing Laboratory | Advanced Bioanalysis Laboratory | Biopharmaceutical Industry Regulation and Management | Biopharmaceutical Facility Design and Operation | Formulation and Delivery of Biopharmaceuticals

CAO code
DC181

Years
4

Places
See page 47

Min points
522

Internship
Yes

QQI FET
Yes

Future Careers
→ Process Scientist
→ Production and Technical Operations
→ Quality Management and Process Validation
→ Research and Development
→ Technical Sales and Marketing
→ Further Study - Teaching
→ Medicine (Graduate Entry)

In These Areas
→ Biopharmaceutical
→ Biomedical Diagnostics
→ Fine Chemicals
→ Medical
→ Brewing
→ Food and Dairy Production
→ Agriculture

BSc in Genetics and Cell Biology
Explore biology from molecules to cells to systems

Why DCU?

– Emphasis on investigative science

– Extensive hands-on training in laboratory-based and computational experiments

– Biopharmaceutical stream option

– 7 month paid work placement (INTRA)

– Final year project in research lab

About You

Do you enjoy studying biology? Do you have an interest in recent scientific breakthroughs in human disease, molecular biology and research at the cellular level? Then the BSc in Genetics and Cell Biology is for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding: Genetics and Cell Biology

Science is progressing at an extraordinary and unprecedented pace. This is especially true of genetics and cell biology. With our ever-increasing knowledge of genetics, we can better understand what controls and contributes to our development and individuality. We can apply these new findings in cell biology to explore exciting scientific applications that benefit all.

Our improved understanding of the genetic basis for life has opened up new approaches for the investigation, diagnosis and treatment of disease. As a result, we are in a new era in the development and production of medical devices, therapies and drugs. The course has been developed to incorporate the theoretical and practical aspects of molecular and cellular biology, providing you with the knowledge and expertise you will need for future careers in industry, research and beyond. You will have the opportunity to develop your interest in biology and learn the laboratory and computational skills that are the basis for key scientific breakthroughs. You will also gain a full appreciation of how the improved knowledge of genetics and cell biology affects society.

Course Structure

Part of Year 1 is taken in common with other science courses, so you will be studying biology, chemistry, physics, biostatistics and bioinformatics. Prior knowledge of a science subject and mathematics is required.

In Year 2, you will develop a deeper understanding of genetics, biochemistry, microbiology, cell biology, bioinformatics and pharmacology.

In the first semester of Year 3, you will gain the practical skills and techniques that form the basis of cell and gene technologies, including cell manipulation, gene cloning and genomics. With this knowledge, you will be prepared for your 7 month paid work placement (INTRA). For more information, please visit dcu.ie/intra.

In Year 4, you will explore the advances arising from research in genetics, cancer research and cell biology as well as medical products. If you take the Genetics and Life Science stream, you will do a semester-long research project. If you opt for the Biopharma Stream, you will study courses related to biopharmaceutical science, industry and production processes.

Additional Information

With an appropriate selection of modules and upon successful completion of this Honours Bachelor Degree (NFQ level 8), graduates applying for registration on or after the January 1, 2023 will satisfy the Teaching Council of Ireland subject curricular requirements for the teaching of Biology at post-primary level, (see page 188 for further details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC168

What Will I Study?

Year 1
Chemistry, Biology and Physics Laboratories | Biostatistics | Bioinformatics | Chemistry | Interdisciplinary Science | Physics | Cell Biology and Biochemistry | Microbiology and Genetics

Year 2
Biomolecules and Metabolism | Introduction to Cell Biology | Cell Structure and Function | Organic Chemistry | Scientific Literature | Microbiology and Genetics | Pharmaceutical and Biological Chemistry | Computational Biology | Statistics | Practical Biochemistry | Practical Microbiology | Practical Genetics

Year 3
Gene Cloning and Gene Expression | Advanced Cell Biology | Cell Biology, Recombinant DNA Cloning and Bioinformatics | Downstream Processing | Bioreactors and Primary Separations | Bioprocess Engineering Laboratory | INTRA

Year 4
Genetics and Life Sciences Pathway
Industrial Bioprocessing | Proteins, Proteomics and Biopharma | Genetics and Cell Biology | Immunology and Immunoanalysis | Animal Cell Biotechnology | Literature Review | Research Project | Human Inheritance and Population Genetics | Commercial Biotechnology and Biopharma

Year 4
Biopharma Pathway
Industrial Bioprocessing | Proteins, Proteomics and Biopharma | Genetics and Cell Biology | Immunology and Immunoanalysis | Animal Cell Biotechnology | Literature Review | Bioprocessing Laboratory | Advanced Bioanalysis Laboratory | Biopharmaceutical Industry Regulation and Management | Biopharmaceutical Facility Design and Operation | Formulation and Delivery of Biopharmaceuticals

CAO code
DC168

Years
4

Places
See page 47

Min points
532

Internship
Yes

QQI FET
Yes
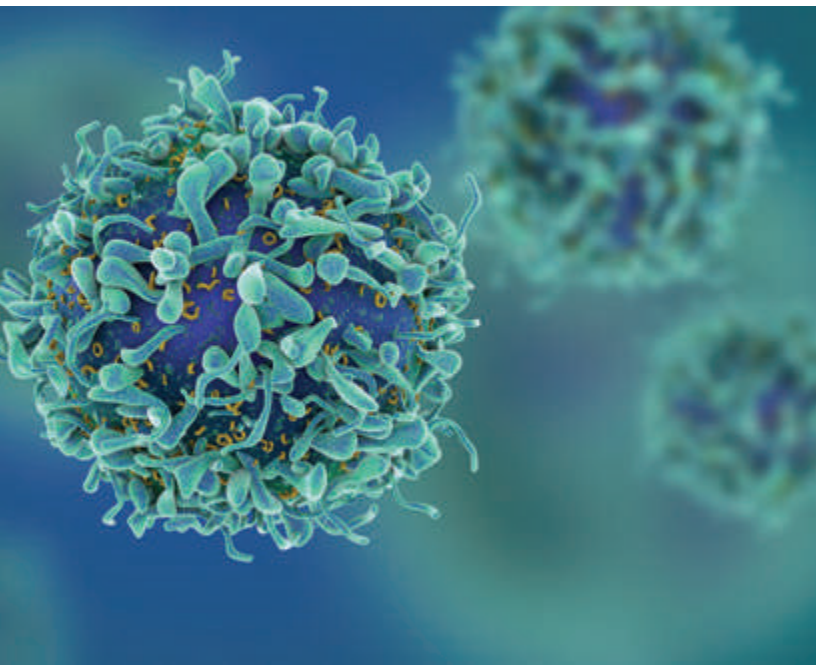
Future Careers
→ Molecular and Cellular Biology
→ Research and Development

In These Areas
→ Pharmaceutical Sector
→ Diagnostics
→ Medical Therapeutics
→ Genome Science
→ Biology Research
→ Protein Biology
→ Immunology

Chemical Sciences General Entry
Explore analytical, chemical and pharmaceutical sciences and chemistry with artificial intelligence

Why DCU?

- Chemistry is the key to understanding the world we live in

- Pursue 1 of 3 Chemistry degree courses from Year 2 onwards, BSc in Chemistry with Artificial Intelligence (via DC163), BSc in Analytical Science (DC161), BSc in Chemical and Pharmaceutical Sciences (DC162)

- Unlock the secrets of how drugs and pharmaceuticals work, enabling us to develop treatments for diseases and infections

- Opportunity to study different areas of chemistry, to see which field inspires you the most

- Gain unparalleled hands-on experience in our industry standard laboratories

- Develop laboratory skills in our National award-winning undergraduate teaching labs (Education Lab of the Year) under the Irish Laboratory Awards (ILA) programme

About You

Do you have an inquisitive mind and a keen interest in science? Are you interested in how the world works? Do you enjoy a challenge and finding solutions to problems, from individual to global issues? Then Chemical Science General Entry may be the course for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding:
Chemical Sciences General Entry

The Chemical Sciences General Entry course allows you to study a variety of chemistry, biology, physics and mathematics in Year 1. You will study the fundamental basis of chemistry, and build on this to learn how medicines work, what causes climate change, how to drive reactions to go faster, how to determine and conduct analysis on the source of a water pollution event for example, and much more.

The range of dynamic laboratory practical sessions you will carry out in every semester ensures you develop excellent laboratory skills to support a successful career as a scientist in the chemical and biopharmaceutical industries or in the area of research.

You will learn in small groups within student-focused laboratories, assisted by fully trained lab tutors, getting hands-on experience on the instruments and techniques that are used in industry. Our award winning undergraduate laboratory and support teams ensure an excellent student centred laboratory learning experience for each student.

Course Structure

In Year 1 you will discover the fundamental basis of chemistry, learning all about molecules; how they react with each other; why and how we study and analyse them; providing you with an excellent foundation for the rest of your studies. To support this, you will take modules in biology, physics, mathematics, computing and IT skills, and carry out practical laboratory sessions in chemistry, biology and physics.

At the end of Year 1 you will be prepared to progress to Year 2, 3 and 4 of your chosen Chemical Science degree:

- BSc in Chemistry with Artificial Intelligence (via DC163)

- BSc in Analytical Science (DC161)

- BSc in Chemical and Pharmaceutical Sciences (DC162)

Progression to your chosen Year 2 course may be merit based depending on demand for that course.

Note that Year 3 of your chosen degree will include a 6 month paid work placement (INTRA) providing you with an excellent opportunity to apply your knowledge and skills learned within a company (including biopharmaceutical, chemical, analytical and environmental positions) while also gaining invaluable work experience.

Year 4 will include carrying out a semester long research project, developing your own personal research skills with the opportunity to do cutting edge research in an area of particular interest to you.

Additional Information
Successful completion of this Honours Bachelor Degree (NFQ Level 8) satisfies the current Teaching Council of Ireland subject curricular requirements for the teaching of chemistry at post-primary level, (see page 188 for further details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC163

What Will I Study?
Years 1
Chemistry, Physics and Biology Laboratories | Mathematics | Chemistry | Biology | Interdisciplinary Science | Physics

For Years 2, 3 and 4, you will take modules of your chosen degree course.

CAO code
DC163

Years
1

Places
117
(DC163, DC161, DC162 and DC166)

Min points
405

QQI FET
Yes

Future Careers
→ Chemical and Forensic Analysis
→ Drug Formulation and Production
→ Research and Development
→ Production Validation
→ Environmental Monitoring and Management
→ Quality Control and Assurance
→ Data Analytics
→ Machine Learning in Materials
→ Medicinal and Environmental

BSc in Chemistry with Artificial Intelligence

Harnessing the potential of AI to revolutionise how drugs and materials are discovered, developed and produced

General Information

The BSc in Chemistry with Artificial Intelligence is run by the DCU School of Chemical Sciences in collaboration with the DCU School of Computing. In this ground-breaking degree, one of the first of its kind, you will learn the chemistry and computing skills needed to harness the enormous potential of applying Artificial Intelligence to Chemistry.

Why Is It Exciting?

Artificial Intelligence (AI) is revolutionising how drugs are discovered, developed and produced. For example, it is helping drug development scientists bring Covid-19 vaccines to market faster, by rapidly accelerating potential discoveries, identifying potential side effects, and making the production process faster. That's not all, as globally, scientists are beginning to unlock the power of AI to help them find new medicines and sustainable materials. In fact, they are creating a new tomorrow.

What Will I Study?

You will begin studying a variety of chemistry topics in Years 1 and 2. You will study the fundamental basis of chemistry, and build on this to learn how medicines work, what causes climate change, how to drive reactions to go faster, how to determine the source of a water pollution event, and so much more.

Our student-focused laboratory practical sessions are a combination of wet labs and virtual components. In these you will learn in small student groups, assisted by fully trained laboratory tutors and our award-winning technical team, getting hands-on experience on the instruments and techniques used in industry. The AI strand begins in Year 2, with modules in programming and machine learning throughout Years 2, 3 and 4.

In Year 3 you will have the opportunity to work in industry as part of our industrial training programme (INTRA). In Years 3 and 4 you will also study the skills and theory you need to apply AI to chemistry. A major element of final year is the capstone research project, in which you get to pursue independent research in an area of applied chemistry.

The use of AI is only going to further increase in drugs and materials firms, and the course has been designed to ensure graduate employability into the future. Industry partners will be actively involved throughout the 4 years, helping to develop the course, deciding skill sets, suggesting software, providing assignments and offering assessments.

How To Apply

Applicants to this course must apply via DC163 Chemical Sciences General Entry.

CAO code
DC163

Years
1+3

Places
See page 55

Internship
Yes

QQI FET
Yes

Entry via DC163 Chemical Sciences General Entry

Rialtas na hÉireann
Government of Ireland

HCI Human Capital Initiative

BSc in Analytical Science
Analysis, detection and measurement – solve problems of critical importance

Why DCU?

– Award-winning undergraduate teaching labs under the Irish Laboratory Awards (ILA) programme

– Highly qualified and accessible staff to guide your progress

– 6 month paid work placement (INTRA)

– Access to modern, industry-standard, analytical equipment

– Project options in chemistry, biology and environmental science

– The first Analytical Science (chemistry option) degree course in Ireland to be awarded the Eurobachelor label; for details, please visit ectn. eu/committees/label/labels/

About You

Do you have an interest in science? Do you have an analytical and problem-solving approach to life? If you are looking for a bright and productive career, then the BSc in Analytical Science is the degree for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding: Analytical Science

Analytical Science is the term given to the science of detection and measurement. It is of fundamental importance in today's information society. We see, use and benefit from it every day – from tests to check the purity of medicines to the daily monitoring of industrial waste or analysis in the forensic laboratory. Through analytical science, we solve problems of critical importance.

The BSc in Analytical Science employs an interdisciplinary approach, educating you in both theoretical and practical aspects of chemical, biochemical and microbiological analyses. The ever-increasing demand for more detailed and accurate data from within these disciplines means your services as a trained analytical scientist will be in constant demand.

Course Structure

Year 1 provides the essential background knowledge of mathematics, chemistry, physics and biology. These are of vital importance in later years. Thought-provoking laboratory work in each year is an integral part of the course.

The major emphasis in Years 2 and 3 is on analytical science, with chemical and biological aspects being developed in parallel. In Year 3, you can choose between a chemistry stream or a biology stream, so you can specialise in the area that suits you best. Both streams cover major, modern, state-of-the-art analytical techniques, and you will enjoy plenty of hands-on experience in our exceptionally well-equipped facilities.

Your period of paid work placement (INTRA) in Year 3 ensures that you gain valuable work experience in a real-life setting, putting the many things you have learned on the course to the test. For more information, please visit dcu.ie/intra.

Year 4 covers more specialised methods and applications of analytical science, which, when integrated with the basic analytical techniques you have already learned, offer you the opportunity to develop your own analytical approach to solving complex problems. Chemistry and biology specialist options are maintained, ensuring that you still gain the multidisciplinary education that modern employers demand. The final part of your course is a full-time project taken in the last semester.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC161

What Will I Study?

Year 1
Chemistry, Physics and Biology Laboratories | Mathematics | Chemistry | Biology | Interdisciplinary Science | Physics

Year 2
Biomolecules and Metabolism | Microbiology and Genetics | Spectroscopy and Physical Chemistry | Kinetics and Thermodynamics | Organic and Inorganic Chemistry | Visualisation and Validation | Mathematics | Inorganic, Organic and Physical Chemistry Laboratories | Spectroscopic Workshop | Biochemistry and Microbiology Laboratories

Year 3
Environmental Monitoring and Forensic Biology | Introduction to Physiological Systems | Bio-analytical Laboratories | Separation Techniques | Analytical Spectroscopy | Regulation and Data Analysis | Analysis of Organic and Inorganic Species | INTRA

Chemistry Pathway
Organometallics and Polymer Chemistry

Biology Pathway
Advanced Cell Biology

Year 4
Advanced Spectroscopy | Genetic and Pharmaceutical Analysis | Advanced Spectroscopic Workshop | Biopharmaceutical and Immunological Analysis

Year 4 Options
Chemistry Pathway
Chemical Interrogation of the NanoBioworld | Analytical Applications | Soil and Energy Science | Literature Survey | Project

Year 4 Options
Biology Pathway
Gene Cloning and Gene Expression | Industrial Bioprocessing | Bio-analytical Laboratories | Literature Survey | Project

CAO code
DC161

Years
4

Places
See page 55

Min points
432

Internship
Yes

QQI FET
Yes

Future Careers
→ Chemical and Forensic Analysis
→ Process Development
→ Product Validation
→ Quality Control
→ Research and Development
→ Further Study - Teaching

In These Areas
→ Biopharmaceuticals
→ Agrichemicals
→ Public Health
→ Cosmetic Laboratories
→ Marketing
→ Sales
→ Education

BSc in Chemical and Pharmaceutical Sciences
Applying the fundamentals of chemistry to develop pharmaceutically relevant molecules and materials

Why DCU?

– Award-winning technical team (RSC 2019 Higher Education Technical Excellence Award)

– Award-winning undergraduate teaching labs under the Irish Laboratory Awards (ILA) programme

– Degree accredited by the RSC (2022)

– High practical content (intensive laboratory modules) and IT courses

– Specialist workshops in Spectroscopy and Drug Design

– Strong innovative research profile and opportunities for further study at MSc and PhD level

– The first Chemical and Pharmaceutical Sciences degree course in Ireland to be awarded the Eurobachelor label. For details, please visit chemistry-euorlabels.gandi.ws

About You
Are you creative, focused, hard-working and keen to develop your understanding and skills in chemical and pharmaceutical sciences? Then BSc in Chemical and Pharmaceutical Sciences is for you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science or Computer Science.

Understanding:
Chemical and Pharmaceutical Sciences
Considered by most scientists to be the central science among the science subjects, chemistry has a wide range of industrial applications that affect our daily lives. Chemists develop new materials, drugs and pharmaceuticals and design cleaner and more efficient reaction processes to produce them. On this course, you will have the opportunity to develop your understanding and skills in chemistry within both a theoretical and applied context.

The emphasis is on applications and industrial relevance, particularly within the pharmaceutical industry, with the theoretical and practical aspects taught through application. This will lead to a familiarity with the basic principles of chemistry, ensuring you develop an impressive range of problem-solving skills.

Course Structure
Year 1 provides the essential background knowledge of mathematics, chemistry, physics and biology. These are of vital importance in later years. Working in the laboratory plays a vital role in your learning.

In Year 2, the mainstream chemistry lectures and laboratories are developed with relevant topics in physics, mathematics, computing and biochemistry.

In Year 3 you will spend 4-6 months on paid work placement (INTRA), which ensures you gain first-hand experience in the applications of chemistry during a period of industrial placement. For more information, please visit dcu.ie/intra.

The final year of the course concentrates on your knowledge and development of more advanced topics. A major element in this final year is your individual research project, which consists of a literature survey on a particular topic, followed by laboratory-based research work in your general area of interest.

What Will I Study?

Year 1
Chemistry, Physics and Biology Laboratories | Mathematics | Chemistry | Biology | Interdisciplinary Science | Physics

Year 2
Biomolecules and Metabolism | Kinetics and Thermodynamics | Spectroscopy and Physical Chemistry | Organic Chemistry | Inorganic Chemistry | Bio-organic and Pharmaceutical Chemistry | Visualisation and Validation or Laboratory Data | Organic / Physical / Inorganic Chemistry Laboratories | Spectroscopic Workshop | Mathematics

Year 3
Separation Techniques | Organic Chemistry | Computational and Inorganic Chemistry | Synthesis and Analysis of Pharmaceuticals (Laboratory) | Medicinal Chemistry | Formulation | Data Analysis and Regulation | Organometallics and Polymer Chemistry | INTRA

Year 4
Advanced Spectroscopy | Advanced Topics in Organic Chemistry | Advanced Inorganic Chemistry | Bioinspired Synthesis | Drug Design Workshop | Literature Survey | Research Project

Year 4 Options
Advanced Medicinal Chemistry | Interfacial and Supramolecular Chemistry

CAO code
DC162

Years
4

Places
See page 55

Min points
499

Internship
Yes

QQI FET
Yes

Future Careers
→ Synthetic Chemist
→ Drug Formulation
→ Product Development
→ Quality Control
→ Quality Assurance
→ Product Specialist
→ Research
→ Further Study - Teaching

In These Areas
→ Pharmaceutical
→ Biopharmaceutical
→ Food and Beverage
→ Human and Animal Medicine
→ Cosmetics
→ Education
→ Brewing

BSc in Environmental Science and Technology
Gain the skills to apply science for the good of our environment

Why DCU?

- The only degree of its kind in Ireland to develop your knowledge of the science behind climate change, pollution, water, soil, waste and recycling

- Use this scientific knowledge in your subsequent career to help improve and protect our environment

- Be involved in environmentally relevant research projects

- Undertake multiple dedicated field trips and educational projects

- Opportunities to do a paid work placement in industry, academia and Non Governmental Organisations (NGO's)

- Environmental science and technology are growth areas, offering excellent career prospects

About You

Do you have an interest in our environment? Do you want to understand and contribute to challenges such as climate change? Then our BSc in Environmental Science and Technology will provide you with the skills and experience you need.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Understanding: Environmental Science and Technology

Climate change, species extinction, pollution, managing waste and recycling are huge challenges that we face and are now at the forefront of public discourse and debate. These are complex phenomena that we must understand in order to address. Environmental scientists are needed to provide technical solutions and advanced innovations through the application of chemistry, physics and biology. This degree explores the environment, the technologies used for its analysis, and how it is impacted by our activities from a scientific perspective. You will consider and probe the problems we face and investigate means for reducing our negative impact on the environment. As a graduate of this degree you will have the scientific and technological background required to positively influence our common future.

Course Structure

One of the core objectives of this course is to integrate elements of physics, chemistry and biotechnology in a multidisciplinary way, ensuring that you understand all the sciences from an environmental perspective. This will give you a greater working knowledge of the influences on the environment and, as a result, will present you with greater job opportunities when you graduate.

The following modules will provide the scientific understanding of our environment that is required for graduates to make a positive impact on the environment and in their careers.

Modules such as:

- Climate and Aquatic Science

- Climate Related Field Trips

- Soil, Energy and Waste

- Analysis of the Environment

- Environmental Monitoring and Data Analysis

- Environmental Field Trips

- Renewable Energy

Year 1 provides the essential background knowledge of mathematics, chemistry, physics and biology that are the basis for a career in environment science. The first field trip occurs in semester 2.

In Year 2, you will continue to build on the 4 areas of study in Year 1 as well as develop IT and computing skills.

In Year 3, climate change science is introduced, and the study of climate is encouraged through field work. A field trip module includes visits to:

- The world renowned Burren region in Co Clare to study past climates and how this knowledge is required to predict the future

- Water treatment plants

- Energy facilities

- Dublin Bay water quality monitoring sites

- Wind farms

You will continue to develop in environmental aspects of biotechnology, chemistry and physics and you will gain experience on a paid work placement (INTRA) in Year 3. For more information, please visit dcu.ie/intra.

In Year 4 you will carry out a semester-long research project, with topics offered from across the entire Science and Health Faculty.

Additional Information
With an appropriate selection of modules and upon successful completion of this Honours Bachelor Degree (NFQ Level 8) the graduate satisfies the current Teaching Council of Ireland subject curricular requirements for teaching Biology or Chemistry at post-primary level, (see page 188 for further details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC166

What Will I Study?

Year 1
Chemistry, Physics, Biology Laboratories | Mathematics | Chemistry | How Life Works | Interdisciplinary and Environmental Science | Physics | Field Trip

Year 2
Pollution and the Biosphere | Environmental Chemistry, Biotechnology and Physics Laboratories | Microbiology and Genetics | Understanding the Body | Visualisation and Validation of Lab Data | Biomolecules and Metabolism | Atmospheric Physics | Kinetics and Thermodynamics | Environmental Analysis | Probability and Statistics | Programming

Year 3
Field Trip | Environmental Legislation | Separation Techniques | Health and Safety | Modelling with Differential Equations | Bioanalysis | Environmental Biotechnology | Climate and Aquatic Science | Environmental Monitoring and Data Analysis | INTRA

Year 4
Environmental Ethics | Literature Review | Environmental Toxicology | Organic Chemistry | Physics of Renewable Energy | Soil, Energy and Waste | Analytical Applications | Project

CAO code
DC166

Years
4

Places
See page 55

Min points
441

Internship
Yes

QQI FET
Yes

Future Careers
→ Climate Science
→ Environmental Protection
→ Environmental Science
→ Waste Management
→ Wastewater Treatment
→ Sustainable Energy
→ Earth Science

In These Areas
→ Non-Governmental Organisation (NGO)
→ Environmental Protection Agency (EPA)
→ Consultancy
→ Local Authorities
→ Clean Technologies
→ Waste Industry
→ Green Economy
→ Marine Industry

Physics General Entry
Apply the science of physics to unravel the mysteries of the universe

Why DCU?

– Study a wide range of physics topics in Year 1

– Pursue 1 of 4 Physics courses from Year 2 onwards

– Highly qualified and internationally recognised staff who are enthusiastic and accessible

– Classes exclusive to physics students means more personal attention

– Emphasis on employability and real-life skills to suit a rapidly changing work environment

About You

Are you interested in how the world works? Do you want to know how science seeks to answer the big question? Are you competent in mathematics and do you have a logical mind, Physics General Entry may be the course for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O3 or H6 in Mathematics PLUS minimum of O3 or H5 in one of Physics, Chemistry, Biology, Physics with Chemistry or Applied Mathematics.

Understanding: Physics General Entry

Physics is the most fundamental science. It explains the mysteries of the universe and has fueled many of the scientific and technological developments that we take for granted. Physicists also pioneered modern technologies as diverse as the Internet, nuclear power and MRI scanners. Today physicists continue to generate new knowledge about our world and lead innovation in yet-to-be exploited realms such as quantum information and communications technology, nano-systems design, ultrafast molecular switching and terahertz medical imaging.

Upon successful completion of Physics General Entry Year 1, you will enter into Year 2 of 1 of the following:

– BSc in Physics with Data Analytics

– BSc in Applied Physics

– BSc in Physics with Astronomy

– BSc in Physics with Biomedical Sciences

Progression to a Year 2 course will be based on your own performances. However, in exceptional circumstances, student demand and number of available places in a course may have to be considered.

Course Structure

Physics General Entry provides you with the opportunity to gain a solid foundation in physics, mathematics, laboratory and IT skills before progressing to your chosen degree.

Your chosen course will combine lectures, tutorials and stimulating laboratory work and projects with fundamental physics concepts and exciting, real-life technological skills and applications. The basic foundations of physics will be laid in Years 1 and 2, while in Years 3 and 4, you will choose to study more specialist topics.

Your period of industrial work placement INTRA in Year 3 of your chosen course ensures that you gain valuable paid work experience and for those who wish to pursue a research career, you will have the option of spending your placement working in one of our research groups. Your Year 4 project is a real highlight which you conduct in our world class laboratories and where you will experience the excitement and personal achievement associated with scientific research.

On several occasions, final-year physics students have received national and international awards from the Undergraduate Awards, the Institute of Physics and the International Society of Automation on the basis of their project work.

During your chosen course, you will be encouraged to apply for scientific internship schemes, including visiting fellowships in organisations such as the European Organisation for Nuclear Research (CERN) and the European Space Agency (ESA).

What Will I Study?
Year 1

Calculus | Programming | Thermal and Physical Properties of Matter | Inorganic and Physical Chemistry | The Universe Electricity and Magnetism | Motion and Energy | Light and Optics | Physics Laboratory

For Years 2, 3 and 4, you will take the modules of your chosen Physics course.
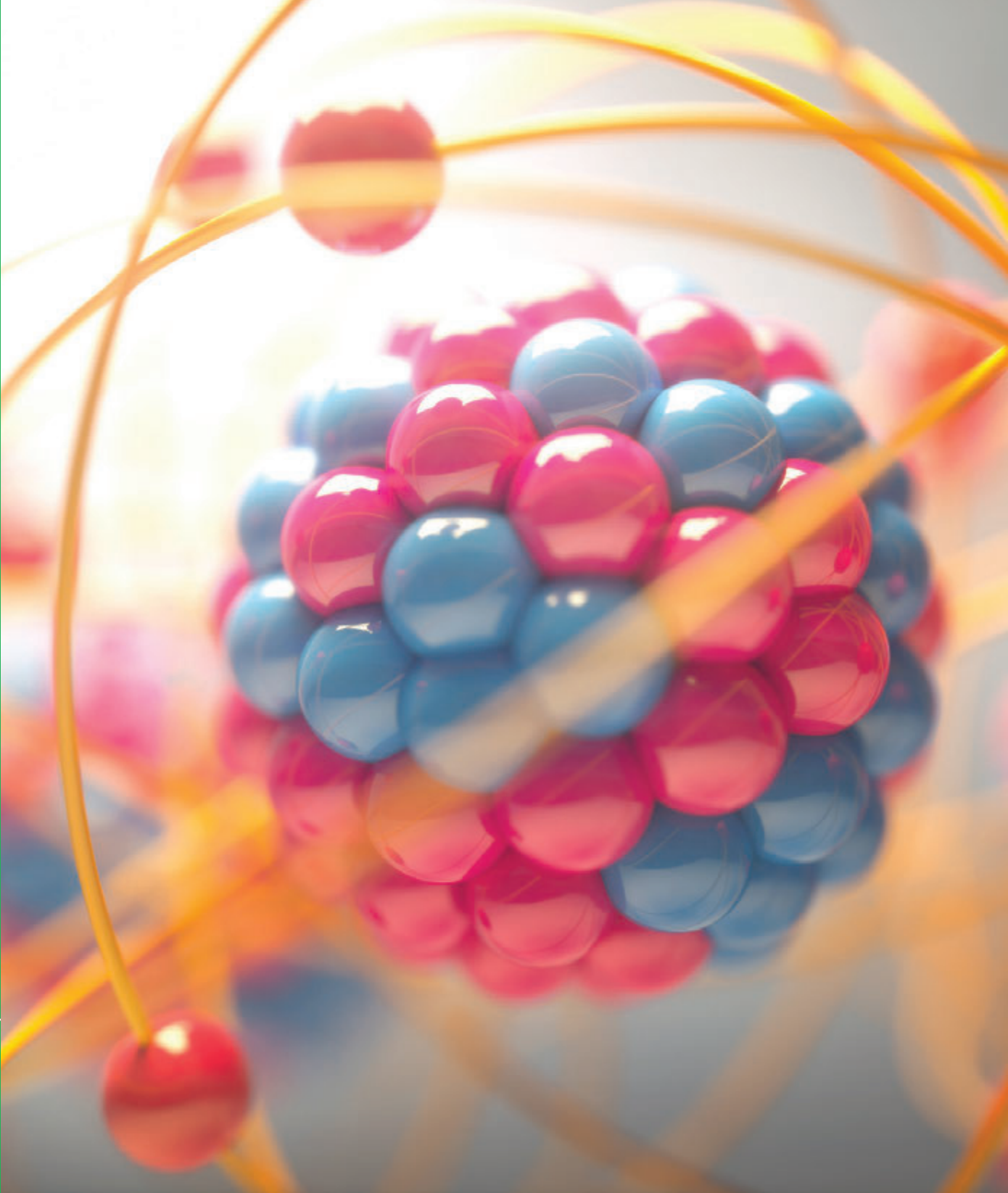
Physics General Entry
Apply the science of physics to unravel the mysteries of the universe

BSc in Physics with Data Analytics (Entry via DC175 Physics General Entry)

DCU School of Physical Sciences in collaboration with partners across DCU and industry offers this ground-breaking course, where you will combine the skills and knowledge of a Physics degree with the advanced data analytics tools you need to solve real-world problems in new and exciting ways.

You will enter BSc in Physics with Data Analytics via the Physics General Entry route (DC175), confirming your choice at the end of Year 1. In Years 1 and 2 the basic foundations of physics, maths, and programming will be laid. This is achieved through a combination of lectures, online material, tutorials, stimulating physical and virtualised laboratory work, and projects that allow you to explore both fundamental physics along with exciting real-life technological applications. In Year 3, you will explore fundamentals such as quantum and statistical physics, and you will have the opportunity to work in industry as part of our industrial training programme (INTRA) or optionally spend your placement working in one of the research groups in the School of Physical Sciences or DCU affiliated research centres, where you will assist with cutting-edge research projects.

In Year 4, you will learn about digital signal and image processing, quantum computing, advanced machine learning, and artificial intelligence along with additional choice modules. You will also conduct your Year 4 project in DCU's world-class laboratories and research centres, while a second part of the final year project will team you up into interdisciplinary teams tackling industrial led real-life problems in a collaborative, challenging manner.

BSc in Applied Physics (Entry via DC175 Physics General Entry)

This course provides an excellent physics foundation and invaluable laboratory experience, with an overarching emphasis on real-life technological skills and applications. The analytical abilities and problem-solving skills you will develop will also make you a standout candidate on the job market and serve you throughout your career.

You will enter BSc in Applied Physics via the Physics General Entry route (DC175), confirming your choice at the end of Year 1. This course combines lectures, tutorials and stimulating laboratory work and projects with fundamental physics concepts and exciting, real-life technological skills and applications. The basic foundations of physics, mathematics and programming will be laid in Years 1 and 2, while in Years 3 and 4, you will study a range of topics in greater depth. You can choose from a number of specialist topics, such as nanotechnology, computational physics, instrumentation, semiconductor materials, plasma physics and microfluidics.

Your INTRA work placement in Year 3, and the final year project in Year 4 will allow you to apply your skills and demonstrate your abilities in tackling and solving real problems, and will enable you to bring together all the knowledge and experience gained from previous modules studied.

BSc in Physics with Astronomy (Entry via DC175 Physics General Entry)

The oldest of the sciences, astronomy is an almost boundless field, encompassing aspects of physics, astronomy, astrophysics, and the growing field of space science and technology. Along with the fundamentals of physics and astronomy, the Physics with Astronomy curriculum includes optics, high-end computing, and image processing. Over the duration of this course, you will have the chance to learn about observational astronomy and the instruments and techniques used to study the stars and can look forward to working with real astronomical data including X-ray data collected by XMM-Newton telescope. Throughout the course, there is an emphasis on laboratory experience, and you will have the opportunity to collaborate with professional DCU astronomers whose work is at the forefront of international astronomical research. This will develop your analytical and problem-solving skills.

You will enter BSc in Physics with Astronomy via the Physics General Entry route (DC175), confirming your choice at the end of Year 1. In Years 1 and 2 you will learn the basic foundations of physics and the fundamentals of Space Science and Astronomy. In Years 3 and 4 you will study more advanced topics, such as Stellar Physics, Astronomical Techniques and Cosmology, where you will learn the modern theories of star formation and evolution, and the theory of multi-wavelength observations. During the INTRA work placement in Year 3 and working on the challenge-based astronomy related project in Year 4 you will have a chance to apply the skills you've learned to real-life problems under the guidance of professional astronomers.

BSc in Physics with Biomedical Sciences (Entry via DC175 Physics General Entry)
This course overlays the principles that underpin the chemical, biological and life sciences on a solid physics background, while exposing you to the most recent developments in the biomedical area. Students who pursue this course combine a natural curiosity with analytical skills, perseverance, and a broad range of interests.

This course combines lectures, tutorials and modern laboratory work with fundamental physics concepts and exciting, real-life technological skills and applications in the biomedical area. This will develop your analytical and problem-solving skills.

You will enter BSc in Physics with Biomedical Science via the Physics General Entry route (DC175), confirming your choice at the end of Year 1. In Years 1 and 2, you will learn the basic foundations of physics and the fundamentals of chemistry, cell biology, anatomy and physiology. In Years 3 and 4, you will study a selection of more advanced physics topics, such as Wave Optics and Laser Physics, which underpin applications in the biomedical sciences. You will also take modules at the interface between the physical and life sciences, such as Biomaterials & Processing Technology, the Physics of Medical Diagnostics and Image Processing & Analysis.

In Year 3, through the INTRA work placement, you will have the opportunity to intern for an extended period in a hospital and experience the real medical environment plus in private companies with business interests in medical/biological instrumentation, biotechnological applications or optical medical diagnostic applications, for example, are also possible. If you think you might like a career in research, there's also opportunities to work in some of the world-leading research centres based in DCU, such as the Fraunhofer Project Centre for embedded bioanalytical systems (FPC@DCU).

Successful completion of all of these Honours Bachelor Degrees (NFQ level 8) satisfies the current Teaching Council subject curricular requirements for the teaching of physics at post-primary level, see page 188 for further details.

CAO code
DC175

Years
1

Places
68

Min points
402

QQI FET
Yes

Future Careers
→ Meteorology
→ Design Management
→ Data Analyst
→ Information Technology
→ Hospital Physicist

In These Areas
→ Astronomy and Astrophysics
→ Aeronautics
→ Financial Services
→ Manufacturing
→ Engineering
→ Research and Development
→ Education
→ Image Processing
→ Entrepreneurialism
→ Biomedical
→ Clinical and Diagnostic
→ Healthcare

BSc in Sport Science and Health
Apply science to enhance physical activity

Why DCU?
– A unique course developed to meet the changing needs of students and employers in sport, exercise and health settings

– A course supported by state-of-the-art physiology, biomechanics and psychology facilities

– Relatively small classes allow for individual attention from high-quality staff

– A mixture of sport and exercise practical classes, laboratory classes, lectures, tutorials and seminars

– A limited number of places are available elite sporting individuals

About You
Do you have an aptitude for science and an enthusiasm for sport, health and exercise? Are you sociable and enjoy working with people? Do you enjoy exploring what science can offer you? Are you interested in trying different areas before you make your final career decision? Then the BSc in Sport Science and Health will appeal to you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics PLUS minimum of O4 or H6 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Understanding:
Sport Science and Health
Sport and exercise scientists study research and advise on the scientific factors influencing sport and exercise. With their detailed knowledge, they can give specialist, evidence-based advice to improve performance and health.

You will design and administer appropriate methods of assessment and create exercise or training programmes of a technical, physiological or psychological nature to improve health or sporting performance.

This course includes exercise testing, conditioning, psychological preparation for competition, performance and movement analysis, dietary considerations and strength training. Emphasis is placed on coaching and psychology rather than lab-based science.

The course will provide you with the scientific basis to further study and become an expert in areas including sports psychology, nutrition, coaching, biomechanics for physiotherapy. Research and project work will include synthesising information to informed evidence based areas of research in the health and wellness industry.

Course Structure
You will develop a detailed understanding of the scientific aspects of sport, health and exercise. You will also learn how these are investigated and applied. The objective of the course is to produce well-informed science graduates who think critically and creatively, can apply knowledge and are prepared for employment in a variety of sectors.

In Year 1, you will be introduced to the key science subjects that form the backbone of this degree. These include chemistry, physics, physiology, psychology and sociology. In addition, there are a range of practical classes and sessions in sport and physical activity.

In Year 2, you will learn how the scientific subjects of Year 1 are applied to the study of sport, exercise and health. The topics illustrate the wide range of material covered in this exciting course – from nutrition and genetics to sport psychology, anatomy and sociology. Vocational aspects like fitness assessment, coaching studies and health promotion are covered in Years 2 and 3. These will serve you well during your 6 month paid work placement (INTRA) in Year 3. For more information, please visit dcu.ie/intra.

In Year 4, you have a choice to focus on the sport, health or talent development aspects of the course. There is also a major research project, which will help you combine your knowledge of the theoretical and practical areas of sport and exercise.

Additional Information
Further study will allow specialisation in clinical exercise, strength and conditioning, performance and movement analysis, nutrition, athletic therapy, physiotherapy, coaching, education and sport psychology.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC202

What Will I Study?

Year 1
Physiology for Health Sciences | Chemistry | Psychology | Sport and Exercise Physiology | Motor Control and Learning | Performance Analysis in Sport | Introduction to Exercise Science | Conditioning Science 1: Theoretical Approaches | Applied Health Related Fitness | Physics | Adapted Physical Activity

Year 2
Introduction to Research Methods | Sport and Exercise Nutrition | Conditioning Science 2 | Sport Psychology |Anatomy and Functional Anatomy | Integrated Sport and Exercise Physiology | Genetics and Health | Sociology of Sport | Sport and Exercise Biomechanics 1 | Physical Activity Psychology | Conditioning Science 3: Delivering Performance

Year 3
Clinical Exercise Physiology | Coaching and Inclusion Studies | Exercise Referral and Physical Activity Promotion | Injury and Illness in Athletics | Sport and Exercise Biomechanics 2 | INTRA

Year 4
Clinical Exercise Physiology | Research Methods | Research Project | Business Planning

Year 4 Options (select two)
Talent Development and Sports Systems | Exercise as Medicine – Theory and Practice | Advanced Laboratory Techniques in Exercise and Sport Science

CAO code
DC202

Years
4

Places
45

Min points
520

Internship
Yes

QQI FET
Yes

Future Careers
→ Graduates pursue a wide variety of careers

In These Areas
→ Biomechanics
→ Coaching
→ Consultancy
→ Corporate Wellness
→ Exercise and Chronic Illness
→ Exercise Rehabilitation
→ Exercise Testing
→ Health Assessment
→ Health Promotion
→ Medicine
→ Occupational Therapy
→ Performance Analysis
→ Physical Activity and Exercise Psychology
→ Physiotherapy
→ Research
→ Sport and Exercise Nutrition
→ Sports Conditioning
→ Sport Psychology

BSc and MSc in Athletic Therapy and Training
Prevent, treat and rehabilitate injuries in sport and physical activity

Why DCU?

– Specialises in management of musculoskeletal injury in sporting and non-sporting groups

– Emphasis on pitch-side skills including initial injury assessment, emergency care and end stage sport-specific rehabilitation

– Intensive training in the development of consultation, interpersonal and clinical skills

– Extensive practical experience through placement with sports teams, various musculoskeletal clinics and rehabilitation clinics, plus an international placement option in Year 4

– Option to select the integrated masters pathway in Year 3 and graduate with a Masters degree in Athletic Therapy and Strength and Conditioning

– Course accredited by Athletic Rehabilitation Therapy Ireland (ARTI), the Irish governing body for Certified Athletic Therapists

About You

Are you passionate about looking after the health of athletes and the general public, specifically in the area of musculoskeletal health? Do you have a keen interest in sport and/or physical activity? It is not necessary to be physically active yourself, but an interest in sport or physical activity is recommended.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics PLUS minimum of O4 or H6 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Understanding:
Athletic Therapy and Training (ATT)

We all know that physical activity is a necessary and important part of daily life. Unfortunately, injuries – musculoskeletal injuries in particular – are incurred by people during physical activity in sport, leisure and work. An Athletic Therapist and Trainer (ATT) is an important part of the healthcare system, who specialises in the prevention, assessment, treatment and rehabilitation of musculoskeletal injuries. Such injuries can occur at all ages and standards of sporting ability and among all population types (including, for example, people with disabilities).

We want you to qualify with excellent medical knowledge, clinical skills, communication skills, confidence, problem-solving skills and extensive practical experience. Importantly, you should also develop a profound respect for patients and a highly professional approach when dealing with them.

How does an ATT differ from a physiotherapist?

Physiotherapy is a broad-based healthcare profession that not only addresses musculoskeletal care of the physically active but also deals with a number of diverse medical fields, including oncology, obstetrics, gynaecology, paediatrics, rheumatology, respiratory and neurological illnesses and burn injuries.

In contrast, Athletic Therapy and Training specialises in musculoskeletal injuries related to physical activity. Such specialisation allows students of Athletic Therapy and Training to examine this area in much greater detail than a student of physiotherapy.

Course Structure

This is a 4 year BSc in Athletic Therapy and Training degree (with the option to undertake an integrated Masters degree in Athletic Therapy and Strength and Conditioning from Year 3 subject to achieving a H2.2. or higher in Years 1 and 2).

Year 1 begins with understanding the anatomy of the body and the basic sciences, giving you an understanding of the pathophysiology of injury. You will also study the theory and practice that underpin physical conditioning to prevent and rehabilitate injury, and enhance health and performance.

In Year 2, you will start to learn how to assess, treat and rehabilitate injuries and further develop the theory and practice of training. You will also undertake First Aid and Emergency Care to enable you to provide pitch-side assistance in various sports. In addition, you will start the clinical modules that will continue each semester for the remainder of the course. These modules will provide you with clinical field experience as well as allow you to assist in the student-led injury clinic based within the School.

Year 3 will see you expand your knowledge, as well as learn in-depth principles of rehabilitation, therapeutic modalities and soft tissue therapies.

In the first half of Year 4, you will gain 3 to 5 month's experience working full-time in a clinical setting in Ireland or abroad (including athletic therapy and training facilities in American universities). You also have the opportunity to gain Cardiac and Emergency First Response certification with the Pre-Hospital Emergency Care Council of Ireland (PHECC). The latter half of Year 4 includes a major research project. At all times, how you communicate and work professionally with patients will be emphasised.

In Year 5, students on the Masters pathway will develop advanced athletic therapy management and clinical reasoning skills combined with strength and conditioning knowledge and practical expertise for optimising health and performance. This will also lead to the opportunity to gain external certification in strength and conditioning.

Additional Information
This course provides students with the opportunity to pursue a dual award and attain both a Bachelor of Science and a Master of Science.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC204

What Will I Study?

Year 1

Anatomy | Strength and conditioning 1: Introduction to Exercise Science | Physics for Health Science | Motor Control and Learning | Introduction to Athletic Therapy and Training | Sport and Exercise Physiology | Strength and Conditioning 2: Theoretical Approaches

Year 2

Injuries | Introduction to Clinical Practice | Sport and Exercise Biomechanics | Integrated Sport and Exercise Physiology | Emergency Care | Injury Prevention | Ethics, Medicolegal and Consultation Skills | Psychology of Injury

Year 3

Injuries | Nutrition | Soft Tissue Therapies | Injury, Exercise and Sport Biomechanics | Rehabilitation and Chronic Illness Rehabilitation | Clinical Reasoning in Practice | Applied Modalities and Clinical Practice | New Enterprise Development | Research Methods

Year 4

Clinical Experience | Independent Clinical Practice | Medicine in Sport | Research Project | Strength and Conditioning 3 | Developing the Clinician and the Strength and Conditioning Professional

Year 5 (MSc)

Conditioning Exercise as Medicine | Strength and Conditioning 4 | Clinical Exercise Physiology for Strength and Conditioning | Research Project 2 | Advanced Clinical and Rehabilitation Experience | Planning Skills for Sport Professionals

CAO code
DC204

Years
4-5

Places
28

Min points
555

Internship
Yes

QQI FET
Yes

Future Careers

→ Certified Athletic Therapist and Strength and Conditioning Professional for Health and Performance

In These Areas

→ Musculoskeletal and Sports Injury Clinic
→ National Governing Bodies of Sports Associations
→ Sports Club
→ Health and Fitness Centres
→ Self-Employed

BSc in Physical Education with Biology
Post-Primary Teaching: make physical education an essential part of our children's education and development

Why DCU?
– A unique opportunity to study the human body and its role in physical activity, sport and health

– You will study a mixture of applied physical education classes, laboratories, lectures, tutorials and seminars

– Supported by state-of-the-art teaching and physiology, biomechanics and psychology laboratories

– A small number of places reserved for elite sportspeople

– You will be taught in relatively small classes allowing for individual attention from high-quality staff

– You will be qualified to teach PE and Biology in post-primary schools

About You
Do you enjoy PE and Mathematics at school? Do you have a passion for sport, exercise and mathematics and an enthusiasm to teach these subjects? Do you have an analytical mind, particularly in relation to the body and how it works? Do you have an interest in applying scientific principles to the body and how it works? Are you enthusiastic and have an understanding of how others learn and how you can personally develop through good teaching?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics PLUS minimum of O4 or H6 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Garda Vetting
Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding:
Physical Education with Biology
Physical education has an important influence on the long-term health of our children. As such, it is an integral part of the education process, one that promotes the physical, social, emotional and intellectual development of a child, as well as their attitude to activity, learning and each other. This is embraced through involvement in games, health-related fitness, aquatics, gymnastics, dance, athletics and outdoor adventure education. The BSc in Physical Education with Biology is a modern course developed to meet the changing needs of young people today in relation to physical activity, exercise and sport. You will be qualified to teach PE to Leaving Certificate level.

Biology and Junior Cycle Science
Biology is fundamental to the knowledge and understanding of the body and how it works and is a natural subject to combine with physical education. As a graduate, you will be qualified to teach general science to Junior Certificate level and Biology to Leaving Certificate level.

Both the PE and Biology elements of this course are approved by the Teaching Council of Ireland for registration as a post-primary teacher.

Course Structure
This course involves 3 strands – Physical Education, Biology and Education Studies.

Physical Education
The physical education element of the course has theoretical and practical aspects. The theoretical part involves the academic study of human movement through subjects like psychology, biomechanics (the science of movement) and sociology. The practical elements will enhance your teaching skills by engaging you in a range of competitive, aesthetic, adventure, aquatic and artistic activities.

Biology
You will learn the core elements of the biology curriculum, including mammalian anatomy and physiology, cell biology, genetics, health and junior cycle physics and chemistry. These are enhanced through exposure to laboratory work, ensuring that your theoretical knowledge is put into practice.

Year 2 has a strong emphasis on core modules in Biology - microbiology and genetics, cell and molecular physiology, and societal aspects of biology. In Year 2, the biology studies focus on core modules including microbiology and genetics, cell and molecular physiology, and societal aspects of biology. You will explore the world of microorganisms, delve into the intricacies of genetics, understand cellular processes, and examine the broader implications of biology in society.

In Years 3 and 4 you will also focus on learning the ways to teach science and biology in bespoke modules. In Years 3 and 4, you will also delve into acquiring pedagogical skills for teaching both science and biology, while also gaining specialised knowledge and expertise in sport and exercise physiology through dedicated modules. These modules will offer a comprehensive understanding of the subject matter from both theoretical and practical perspectives.

Years 3 and 4 allow you to specialise in sport and exercise physiology from a theoretical and practical perspective.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC205

School Placement
To put all of this into practice and to provide you with invaluable experience, you will be placed in schools during Year 3 and Year 4. This gives you an opportunity to explore and clarify many of the key issues you will encounter as a teacher.

What Will I Study?
Year 1
Applied Studies in Athletics, Games, and Aesthetic Activities | Physiology | Intro to Teaching PE | Motor Learning and Development | Microteaching and Teaching Preparation | Irish Education History | Practical Biology

Year 2
Applied Studies in Athletics, Aquatics and Games and Outdoor Activities | Microteaching | Developmental Psychology and Individual Differences | Chemistry | Physical Activity Psychology | Microbiology and Genetics | Cell and Molecular Physiology | Pollution and Biosphere | Bioscience and Society

Year 3
Applied Study in Aesthetics | Inclusion and Adaptation in PE and Physical Activity | Program Decisions, Policy & Curriculum Models in PE | Mammalian and Anatomy Physiology | Philosophical Perspectives on Education | Access, Disadvantage, Equality in Education | Plant Science Teaching Strategies and Professional Preparation | Teaching and Assessing JC Science | Professional Placement

Year 4
Sport and Exercise Physiology | Health and Fitness | Teaching and Assessing Senior Cycle Biology | Curriculum Development and Evaluation | Applied Studies in Teaching and Learning PE and Biology | Teaching in Online and Blended Environments | Professional Placement | School Research

CAO code
DC205

Years
4

Places
30

Min points
556

QQI FET
Yes

Future Careers
→ Teaching
→ Coaching
→ Sports Development
→ Further Education

In These Areas
→ Vocational School
→ Secondary School
→ Community School
→ Comprehensive School

BSc in Physical Education with Mathematics
Post-Primary Teaching: make physical education an essential part of our children's education and development

Why DCU?
– A unique opportunity to study the human body and its role in physical activity, sport and health

– You will study a mixture of applied physical education classes, laboratories, lectures, tutorials and seminars

– Supported by state-of-the-art teaching and physiology, biomechanics and psychology laboratories

– A small number of places reserved for elite sportspeople

– You will be taught in relatively small classes allowing for individual attention from high-quality staff

– You will be qualified to teach PE and Mathematics in post-primary schools

About You
Do you enjoy PE and Mathematics at school? Do you have a passion for sport, exercise and mathematics and an enthusiasm to teach these subjects? Do you have an analytical mind, particularly in relation to the body and how it works? Do you have an interest in applying scientific principles to the body and how it works? Are you enthusiastic and have an understanding of how others learn and how you can personally develop through good teaching?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O1 or H6 in Mathematics PLUS minimum of O4 or H6 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Garda Vetting
Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding: Physical Education (PE)
Physical education has an important influence on the long-term health of our children. As such, it is an integral part of the education process, one that promotes the physical, social, emotional and intellectual development of a child, as well as their attitude to activity, learning and each other. This is embraced through involvement in games, health-related fitness, aquatics, gymnastics, dance, athletics and outdoor adventure education. The BSc in Physical Education with Mathematics is a modern course developed to meet the changing needs of young people today in relation to physical activity, exercise and sport. You will be qualified to teach PE to Leaving Certificate level.

Mathematics
Mathematics is key to understanding the modern world, being necessary in areas as diverse as international financial systems to the use of statistics in sport. This makes the job of teaching mathematics hugely important. As a graduate, you will be qualified to teach PE and mathematics to Leaving Certificate level.

Both the PE and Mathematics elements of this course are approved by the Teaching Council of Ireland for registration as a post-primary teacher.

Course Structure
This course involves 3 strands – Physical Education, Mathematics and Education Studies.

Physical Education
The physical education element of the course has theoretical and practical aspects. The theoretical part involves the academic study of human movement through subjects like psychology, biomechanics (the science of movement) and sociology. The practical elements will enhance your teaching skills by engaging you in a range of competitive, aesthetic, adventure, aquatic and artistic activities.

Mathematics
You will learn the core elements of the mathematics curriculum, including mathematics for the physical sciences, linear mathematics, calculus, differential equations, numerical methods and abstract algebra. In addition, you will complete a number of modules focused on how to teach mathematics in post-primary schools.

Education Studies
This part of the course integrates educational theory and practise through 'coaching rather than teaching'. This involves group work, reflective diaries, online reporting and reflection, case studies and other problem-based learning approaches. We aim to help you gain the skills, knowledge and mind-set necessary to teach in a changing environment.

School Placement
To put all of this into practice and to provide you with invaluable experience, you will be placed in schools during Years 3 and 4. This gives you an opportunity to explore and clarify many of the key issues that will define you as a teacher.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC206

What Will I Study?

Year 1
Mathematical Thinking | Calculus | Linear
Algebra | Microteaching and Teaching
Preparation | Intro to Teaching PE | Irish
Education History | Motor Learning and
Development | Applied Studies in Games,
Athletics, and Aesthetic Activities

Year 2
Microteaching and Teaching Preparation |
Developmental Psychology and Individual
Differences | Geometry | Modelling with
Differential Equations | Calculus of Several
Variables | Probability, Descriptive, and
Inferential Statistics | Applied Studies
in Aquatics, Adventure Activities, and
Games | Physical Activity Psychology

Year 3
Applied Studies in Aesthetics | Inclusion
and Adaptation in PE and Physical
Activity | Programme Decisions, Policy,
and Curriculum Models in PE | Teaching
and Assessing JC Maths | Professional
Placement | Philosophical Perspectives on
Education | Access, Disadvantage, Equality
in Education | Discrete Maths | Analysis

Year 4
Teaching and Assessing Senior Cycle
Mathematics | Abstract Algebra | Teaching
in Online and Blended Environments |
Adventure Activities | Health and
Fitness | School Research | Curriculum
Development and Evaluation | Applied
Studies in Teaching and Learning PE
and Maths | Professional l Placement

CAO code
DC206

Years
4

Places
30

Min points
501

QQI FET
Yes

Future Careers
→ Teaching
→ Coaching
→ Sports Development
→ Further Education

In These Areas
→ Vocational School
→ Secondary School
→ Community School
→ Comprehensive School

BSc in Psychology
Applying science to the study of the human mind and behaviour: how we think, act, react and interact

Why DCU?
– A world-class course, accredited by the Psychological Society of Ireland (PSI)

– Immersion in psychology as the main focus of study, with innovative teaching methodologies

– Small class sizes that allow for individual attention, delivered by a dynamic inter-disciplinary, research-active lecturing team

– Student-centred learning philosophy that places major emphasis on gaining digital and transferable skills

– High-quality research laboratories and research skills training supports

About You
Do you possess very good verbal, written and interpersonal skills? Are you flexible, hard-working and creative, with an enquiring mind and the ability to think critically?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding:
Psychology
Psychology is concerned with all aspects of behaviour, including the thoughts, feelings and motivations underlying such behaviour. While psychologists differ in their interests within the field of psychology and in the type of work they do, they all approach the study of psychology in a scientific manner.

Course Structure
The 4 year BSc in Psychology course is structured to cover introductory to advanced levels of psychology across the 5 core pillars of undergraduate training: developmental and lifespan psychology; biological psychology and neuropsychology; social psychology; cognitive psychology; and the psychology of individual differences.

A core focus running throughout the course is research literacy supported by a combination of practical and online laboratory activities.

Thanks to our extensive networks with partner hospitals/clinics, schools, industry and researchers, we are the first to have established accredited undergraduate psychology internships, Year 3 work placement (INTRA) can be in various fields including clinical, behavioural and cognitive neuroscience; financial and health-related industries, organisational and corporate psychology; and applied behaviour analysis. For more information, please visit dcu.ie/intra.

Our course covers an exciting range of applied subjects (e.g. Health Psychology, Educational Psychology, Organisational Psychology, Clinical Neuropsychology and Sports Psychology) and offers cutting-edge options (e.g. Disability and Illness, Law and Neuroscience, Crime and Psychology, Applied Behaviour Analysis and Psychopharmacology).

Additional Information
Students benefit from a personal tutor system and regular feedback sessions. Students can also avail of online support via LOOP – an online learning environment where academic peer fora may be established with support and advice from academic staff.

The BSc in Psychology is accredited by the Psychological Society of Ireland. This ensures that the course meets the highest standards for undergraduate pre-professional training in psychology.

What Will I Study?
Year 1
Introduction to Psychology | Positive Psychology | Child Development | Cognition | Critical Thinking, Collaboration and Enterprise Skills | Social Psychology | Comparative Evolutionary Psychology | Philosophy of Psychology | Personality Psychology | Psychology Research Skills 1A and 1B

Year 1 Options
Introduction to Anthropology | Introduction to Marketing

Year 2
Perception | Education Psychology | Biological Psychology 1 and 2 | Psychological Measurement and Assessment | Health Psychology | Experimental Analysis of Behaviour | Psychology Research Skills 2A and 2B

Year 2 Options
Sport Psychology | Sociology, Health and Illness | Introduction to Human Resource Management | Science Communication and Public Engagement | Sexual Health | Organisational Psychology | Freedom and Health

Year 3
Working in Psychology | Cognition across the Lifespan | Life-Span Development: Adulthood | Psychology Research Skills 3 | Computer Applications in Psychology Research | INTRA

Year 3 Options
ABA Across the Lifespan | Psychopharmacology | Psychology, Illness and Disability

Year 4
Psychological Health, Difficulties and Disorders | Social Psychology and Contemporary Issues | Theoretical Issues and Approaches in Psychology | Neuropsychology | Psychology Research Project

Year 4 Options
Talent Management | Behavioural Neuroscience Laboratory Practice | Psychoanalysis | Law and Neuroscience | Crime and Psychology | Psychology of Self-Control | Counselling and Psychology | Uaneen Award: DCU's Leadership and Engagement

CAO code
DC208

Years
4

Places
40

Min points
534

Internship
Yes

QQI FET
No

Future Careers
→ Further Study - Professional Psychologist
→ Community Development Officer
→ Careers Adviser
→ Health Promotion Officer
→ Youth Worker
→ Human Resource Officer
→ Management
→ Researcher
→ Data Analyst

In These Areas
→ Community
→ Business
→ Education
→ Healthcare
→ Sport
→ Clinical

BSc in Psychology and Mathematics
Develop numeracy, analytic and problem-solving skills to further the scientific study of the human mind and behaviour

Why DCU?
– Accredited by the Psychological Society of Ireland (PSI)

– Uniquely meets industry demand for graduates with the knowledge of how to apply numeracy and analytical skills to interpret how humans think, act, react and interact

– Small class sizes that allow for individual attention, delivered by a dynamic interdisciplinary, research-active lecturing team, with innovative teaching methodologies and student supports

– Work experience in Year 3 providing practical expertise in the application of mathematics and psychology to examine real-world problems in industry, clinical, education and other relevant settings

– Student-centred learning philosophy that places major emphasis on gaining digital, analytical, problem-solving and transferable skills

– High-quality research laboratories and research skills training supports with a capstone independent final-year project working with academic supervision in Psychology and Mathematics to deliver research-driven solutions

About You
Do you have an interest in human behaviour and an aptitude for high-level mathematics and scientific inquiry? Do you possess very good verbal, written and interpersonal skills, be flexible, hard-working, creative, with an enquiring mind and the ability to think critically?

Additional Requirements
In addition to the general entry requirements for admission to the University (see pages 174), the following entry requirements apply: minimum of H3 in Mathematics.

Understanding: Psychology and Mathematics
The first course in Ireland to integrate Psychology and Mathematics for students interested in a career that combines the interpretation of human behaviour with high-level numeracy, analytical and problems solving skills. DCU is uniquely positioned to offer this course, building on core strengths in both disciplines.

Psychology is concerned with all aspects of behaviour, including the thoughts, feelings and motivations underlying such behaviour. While psychologists differ in their interests within the field of psychology and in the type of work that they do, they all approach the study of psychology in a scientific way.

Mathematics is key to understanding the modern world and mathematical training develops both specific numeracy skills and broad analytical expertise, which are valued in many professions. The course provides the opportunity to gain an in-depth knowledge and understanding of each discipline alongside a broad critical perspective on key areas of contemporary society. It is designed to develop a diverse set of transferable skills including an understanding of human behaviour, critical thinking, problem-solving, research methods, communication, and the ability to disseminate findings to carried audiences; skills increasingly demanded by national and international employers.

Course Structure
The 4 year course is structured to cover introductory to advanced levels of Psychology across the 5 pillars of undergraduate training: development and lifespan psychology: biological psychology and neuropsychology; social psychology; cognitive psychology and the psychology of individual difference; in combination with introductory to advanced levels of Mathematics including calculus, probability, computing, statistics and data analysis. Research literacy is a core focus of the course and it is supported by a combination of practical and online laboratory activities.

The course covers an existing range of applied subjects (e.g. Psychological Assessment and Measurement, Social Psychology and Contemporary Issues, Coding and Cryptography and Deep Learning) and offers cutting-edge options specifically designed for this course. Thanks to our extensive networks with industry, business, partner hospital/clinics, schools and researchers, we are the first to have established integrated accredited undergraduate Psychology and Mathematics internships.

Year 3 work placement (INTRA) can be in various fields including clinical, behavioural and cognitive neuroscience; financial and health-related industries, organisational and corporate psychology; and applied behaviour analysis. For more information, please visit dcu.ie/intra.

In Year 4 the course offers the exciting opportunity to conduct an independent final-year research project combining psychological and mathematical tools and techniques to address a contemporary real-world psychological question. Graduates of this course will be well placed to undertake employment in a diverse range of industries and sectors, further studies and research in Psychology and Mathematics. The course also provides a pathway to a postgraduate qualification in teaching.

Additional Information
With appropriate choices of final year modules, graduates will meet the subject requirements of the Teaching Council of Ireland in relation to Mathematics (see page 188 for details).

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC207

Rialtas na hÉireann
Government of Ireland

HCI Human Capital Initiative

What Will I Study?

Year 1
Philosophy of Psychology | Personality | Cognition | Psychology Research Skills | Research Methods and Statistics 1 | Social Psychology | Probability | Calculus and its Applications | Programming for Mathematics | Linear Mathematics 1 | Pre-Professional 1 Training and Skills

Year 2
Child Development | Research Methods and Statistics 2 | Qualitative Research Skills and Analysis | Biological Psychology | Calculus of Several Variables | Statistics | Psychological Assessment and Measurement | Sequences and Series | Linear Mathematics 2

Year 3
Cognition across the Lifespan | Possibility Studies | Advanced Developmental Psychology | Research Methods and Statistics | Discrete Mathematics | INTRA

Year 3 Options
Linear Algebra | Abstract Algebra | Modelling with Differential Equations

Year 4
Social Psychology and Contemporary Issues | Psychological Health, Difficulties and Disorders | Neuropsychology | Psychology Research Project

Year 4 Options
Computational Psychiatry | Advanced Psychometric Profiling | Numerical Methods | Analysis | Partial Differential Equations | Coding and Cryptography | Geometry | Optimisation | Deep Learning

CAO code
DC207

Years
4

Places
10

Min points
480

Internship
Yes

QQI FET
No

Future Careers
→ Market/Sales Analyst
→ Financial Analyst
→ Information Technology
→ Business Consultancy
→ Statistical Analysis
→ Further Study -Professional Psychologist
→ Further Study – Teaching

In These Areas
→ Healthcare
→ Finance
→ Industry
→ Non-Profit Organisations
→ Clinical
→ Education
→ Sport

BSc in Psychology and Disruptive Technologies
Study psychology in combination with disruptive technologies that are transforming lives and driving behavioural and societal change

Why DCU?
– Accredited by the Psychological Society of Ireland (PSI)

– A unique opportunity to study psychology and understand human behaviour in combination with disruptive technologies that are fundamentally transforming lives and driving behavioural and societal change, sometimes raising challenges

– An accredited pre-professional route to further training in Psychology and applied progression routes in Disruptive Technologies

– High-quality research laboratories and research skills training supports

– Gain practical skills in programming languages such as R and Python, data visualisation and storytelling

– Small class sizes that allow for individual attention, delivered by a dynamic interdisciplinary, research-active lecturing team, with innovative teaching methodologies and student supports

– Work experience in Year 3 providing practical experience in various fields

About You
Do you have an interest in studying Psychology and applied progression routes in Disruptive Technologies? Do you want employment opportunities in careers where high-level digital innovation, transformative and problem-solving skills are prized, where the advanced interpretation of data and human behaviour is critical? Do you have an awareness of how to address challenges posed by disruptive technologies? Do you have the collaborative and transferable skills required to move forward in society filled with digital and technological innovation?

Do you possess very good verbal, written and interpersonal skills, be flexible, hard-working, creative, with an enquiring mind and the ability to think critically?

Additional Requirements
In addition to the general entry requirements for admission to the University (see pages 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding:
Psychology and Disruptive Technologies
Develop an understanding of the human mind and behaviour and the way in which disruptive technologies are enhancing, eliminating and creating entirely new solution spaces for societal issues, and the opportunities and challenges these present for contemporary society.

We are living through an era that has seen accelerated technological innovation and advancement with global reach and transformative impacts on every aspect of daily living. This is an exciting age of disruption reshaping how we think, behave and also engage with our environment. You will learn the skills, expertise and values needed to be able to work in a rapidly changing and diverse technological environment in behaviour change, mental wellbeing, health, enhancement and rehabilitation, and innovation. This 4 year course is structured to cover introductory to advanced levels of psychology across the 5 core pillars of undergraduate training: developmental and lifespan psychology; biological psychology; social psychology; cognitive psychology and the psychology of individual difference.

A core focus running throughout the course is research literacy supported by a combination of practical and virtual laboratory activities and digital innovation based on cutting edge technologies that positively disrupt the status quo and underspin societal change.

Course Structure
The course will cover a dynamic range of applied areas of cutting edge options from the Psychology of Innovation and Disruption across diverse education, health, business and industry settings. Throughout the course, you will also develop a detailed understanding of the theories and innovations of disruptive technologies that significantly reshape the world that we live in, and also examine mechanisms for building trust in digital interactions.

In Year 3, you will complete an internship (INTRA) in various fields including digital technology and learning, digital therapeutics, and other applied areas within education, health and wellbeing, industry and community sectors. For more information, please visit dcu.ie/intra.

In Year 4, you will have an exciting opportunity to complete a final year project bringing together your advanced and unique training in Psychology and Disruptive Technologies.

What Will I Study?
Year 1
Introduction to Psychology | Cognition | Social Psychology | Critical Thinking, Enterprise and Collaboration Skills | Research Skills 1 | Psychology of Disruptive Innovation | Personality Psychology | Data Visualisation and Science Communication | Web Design | Programming Fundamentals

Year 2
Child Development | Biological Psychology | Research Skills 2 | Psychological Measurement and Assessment | Science, Technology and Society | The Person, Ethics and Technology | Behaviour Change and Technology | Programming Fundamentals | Developing Internet Applications

Additional Information
This course has been developed in line with pre-professional Psychological Society of Ireland (PSI) accreditation principles.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC210

Rialtas na hÉireann
Government of Ireland

HCI Human Capital Initiative

Year 3
Cognition Across the Lifespan | Research Skills 3 | Lifespan | Psychological Health, Difficulties and Disorders | Digital Citizenship in the Community | Advanced Web Design | Topics in Innovative and Disruptive Technologies | INTRA

Year 4
Psychology Research Project | Social Psychology and Contemporary Issues | Technology, Policy and Safety | Neuropsychology | eHealth, eWell-being and Digital Therapeutics | E-Journal Club | Introduction to Machine Learning |

Electives in Psychology and Disruptive Technologies such as Computational Psychiatry | Law, Cognitive Technologies and Robotics | Advanced Psychometric Profiling | Innovation, Disruption & Sustainability

Optional Modules
Programming Fundamentals | High-Technology, Innovation and Entrepreneurship | Business Database

CAO code
DC210

Years
4

Places
20

Min points
473

Internship
No

Future Careers
→ Data Management
→ Data Visualisation
→ Further Study - Teacher
→ Further Study - Professional Psychologist
→ Researcher
→ Behavioural Scientist

In These Areas
→ Telehealth and Diagnostics
→ Information Technology
→ Healthcare
→ Cognitive Science and Cognitive Technologies (Artificial Intelligence)
→ Social Robotics
→ Mixed Reality
→ Human Technology Interaction (HTI)
→ Education
→ Industry / Non-Governmental Organisations (NGO's) / Academia

BSc in Health and Society
From cellular to global: taking action to achieve positive health outcomes

Why DCU?
– You will explore health issues from multiple perspectives – biological, social, political, ethical and psychological

– A strong emphasis is placed on research inquiry into, and action on, key contemporary health issues

– There is potential to focus on health issues of personal relevance and interest to you

– You will have opportunities for engagement in research projects and campaigns locally, nationally and globally

– You will work with a dynamic lecturing team that has diverse health-related expertise and experience

About You
Are you interested in health issues, and especially in the idea of health inquiry and action? Would you like to do something to achieve positive health outcomes? Are you keen to work with others, and be willing to work hard?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O6 or H7 in Mathematics PLUS minimum of O6 or H7 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Understanding: Health and Society
Health needs to be understood in a variety of ways and with regard to social contexts. To develop this understanding, we explore the following issues:

– What kind of bodies are we supposed to have? How does this relate to the society in which we live?

– What are the biological dimensions of health and illness?

– What determines the distribution of health within societies?

– What are the varying forms of health action?

– How is health influenced at various levels – individual, community, societal and global?

– What kinds of personal, social, political and ethical issues are relevant to health matters?

If you think these questions are interesting and that you would like to learn how to actively inquire into and engage in health research projects or campaigns, then this course may be of interest to you.

Course Structure
You will undertake a range of modules, including modules in which you will:

– Explore a number of perspectives on health – biological, social, political, ethical, psychological

– Learn about and conduct health research

– Actively develop and engage in research projects and campaigns

– Develop your own 'healthy qualities'

– Examine particular health-related issues such as 'drugs in society', 'nutrition and health' and 'trauma and abuse in society'

As part of the course, you will have opportunities to engage in activities and project work that you find personally relevant and interesting. With a particular emphasis on health inquiry and action in the everyday world, you will participate in a voluntary community project in Year 1, design and implement a small health campaign (working with fellow students) in Year 2, and conduct a Health and Society research project as a final dissertation in Year 3. This final-year project gives you the opportunity to study, plan and research an area of health which is of specific interest to you.

What Will I Study?

Year 1

Perspectives on Health | Sustainable Development and Health | Reading Health Research | Living Longer | Public Health Nutrition | Drugs in Society | Critical Thinking and Health | Biochemistry and Cell Biology | Anatomy and Physiology | Marginalisation and Health | Child and Adolescent in Society

Year 2

Human Genetics and Cell Biology | Campaigning for Health Equity | Quantitative Health Research | Epidemiology | Freedom and Health | Sociology, Health and Illness | Making Sense of Mental Health and Illness | Biochemistry and Health | Health Promotion | Sexual Health | Anthropology, Health and Illness

Year 3

Biological Basis of Disease | Comparative Health Systems | Challenging Global Health Problems | Health and Society Research Project | Infection and Immunity | Clinical Nutrition | Regarding Nonhuman Animals | Teaching and Learning in Health and Society | Infection and Immunity | Psychosocial Supports over the Life Course

CAO code
DC209

Years
3

Places
45

Min points
440

QQI FET
Yes

Future Careers
→ Human Health and Social Work Activities
→ Public Administration, Education and Health
→ Professional, Administration and Health Support Services
→ Further Study

In These Areas
→ Further study after this course can lead to: Speech and Language Therapy, Physiotherapy, Occupational Therapy, Dietician, Radiography, or Medicine
→ Health Promotion and Support Services
→ Public Health and Social Work Activities
→ Global Health

BSc in Nursing
Ensure individuals and communities enjoy the best health possible

Why DCU?
– Experienced, research-active lecturers

– Students taught on campus and within dynamic clinical learning environments

– Innovative teaching and learning methodologies

– Partners with some of Dublin's busiest and most prestigious teaching hospitals and services

– State-of-the-art clinical education facilities on campus

About You
Are you a caring individual who enjoys helping and supporting people? Do you feel you can contribute to the wellbeing of others with intelligence, compassion and enthusiasm, then you will do well in nursing. Nurses work in a variety of settings including hospitals, community, residential and day settings and people's homes.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O6 or H7 in Mathematics PLUS minimum of O6 or H7 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Understanding: Nursing
Nursing is the professional practice of protection and promotion of health and independence, the prevention of illness, the facilitation of healing and the alleviation of suffering through diagnosis and evidence based treatment modalities. Nursing also involves acting as an advocate in the care of individuals, families, groups, communities and populations and assisting individuals, families and groups in a professional, caring and empathic manner.

This course aims to provide optimum clinical and academic learning environments that stimulate and enable students to become compassionate, competent, safe, critically aware and reflective nursing graduates. The course recognises the multidisciplinary nature of healthcare and the national and global dimensions of contemporary nursing practice. Academic learning and learning in practice go hand in hand and you will be encouraged to reflect on your experiences as you progress through the course.

Garda Vetting
Garda vetting is a requirement for all nursing students, who throughout their training have supervised access to vulnerable population groups. You must successfully pass the Garda vetting process in order to complete the process of registration.

Mature Entry
Mature candidates are assessed by the Nursing Careers Centre (NCC) of An Bord Altranais agus Cnáimhseachais na hÉireann (Nursing and Midwifery Board of Ireland, NMBI). For details please see page 178.

Course Structure
The BSc in Nursing provides you with the pre-registration education you will need to qualify with one of the following awards:

– BSc in Nursing (General)

– BSc in Nursing (Children's and General)

– BSc in Nursing (Intellectual Disability)

– BSc in Nursing (Mental Health)

You will also be eligible for professional registration with An Bord Altranais agus Cnáimhseachais na hÉireann (Nursing and Midwifery Board of Ireland, NMBI).

The focus of this course is on the fundamental issues in nursing practice. As disciplines such as psychology, sociology, philosophy, law, pharmacology and microbiology are an important part of the practice and profession of nursing, they are also part of your degree course. During the course you will spend increasing periods of time in your chosen area of nursing to practice and develop nursing skills in healthcare settings.

In Year 4 you will spend 36 weeks on an internship in your allocated hospital/ health service provider. During this time, you will gain and consolidate further practice based learning while also taking formal clinical assessments.

What Will I Study?
Each year you will have the opportunity to practice nursing in the clinical setting in your linked healthcare service. These are called 'practice placements'. During Year 3 and Year 4 longer periods are spent on these practice placements. In Years 2 and 3 you will undertake specialist modules which relate to your specific chosen nursing discipline. The following gives an outline of the other academic elements of the course.

Clinical Placements
Each year you will have the opportunity to undertake practice nursing/practice placement in clinical settings. In Year 1, these placements will be in your particular nursing discipline, e.g. intellectual disability, mental health/psychiatry, general or general and paediatrics. As the course progresses, you will spend longer periods on these practice placements. In Years 2 and 3 you will have clinical placements in nursing disciplines other than your particular discipline in addition to placements in your chosen nursing discipline. In Year 4 you will spend 36 weeks on an internship in your allocated hospital/health service provider as a paid employee of that service. During this time, you will gain and consolidate further practice based learning under the support and supervision of qualified nurses. Clinical competencies are assessed on all practice placements.

Additional Information
The Irish Nursing Qualification is recognised internationally and is a highly sought-after qualification, so you will have the opportunity to travel and work abroad.

The following gives an outline of the other academic elements of the course.

Year 1 (All Nursing Disciplines)
Personal and Professional Development | Core Nursing Skills | Psychology | Sociology of Health and Illness | Caring and Communication in Nursing | Anatomy and Physiology | Clinical Practice Placements

Year 1 Stream Specialisms
General Nursing | Understanding Intellectual Disability | Mental Health Nursing | Children's Nursing

Year 1 Options General Nursing
Skills for Success | Intercultural Communication

Year 2 (All Nursing Disciplines)
Personal and Professional Development | Clinical Pharmacology for Nursing Practice | Altered Bodily Processes | Research and Nursing Practice | Clinical Practice Placements

Year 2 General Nursing
Principles of Caring for Specific Patients | Caring for the Adult

Year 2 Mental Health Nursing
Mental Health Nursing Assessment and Interventions | Life Span Developmental Psychology | Promotion of Physical Health and Illness

Year 2 Intellectual Disability Nursing
Adulthood and Intellectual Disabilities | Children and Intellectual Disability

Year 2 Children's and General Nursing
Principles of Caring for Specific Patients | Caring for the Adult | Children's Nursing

Year 2 Options General and Mental Health Nursing
Anthropology, Health and Illness | Humanities and Health | Pain Management | Sexuality and Sexual Health

Year 3 (All Nursing Streams)
Ethics in Nursing | Research and Nursing Practice | Clinical Practice Placement

Year 3 General Nursing
General Nursing

Year 3 Mental Health Nursing
Working with People with Complex Needs Across the Life Span | Sociology of Mental Health

Year 3 Intellectual Disability Nursing
Nursing Individuals with Challenging Behaviour | Specialist Approaches in Nursing Practice: Intellectual Disability and Mental Health

Year 3 Children's and General Nursing
Care of the Child with Ongoing Healthcare Needs | General Nursing | Children's Nursing

Year 3 Options General, Mental Health and Intellectual Disability Nursing
Palliative Care | Clinical Judgement and Decision Making | Introduction to Critical Care Nursing | Working for Inclusion

Year 4 (All Nursing Streams)
Nursing Informatics, Management and Leadership | Health Promotion in a Multicultural Context | Research Enquiry | Clinical Practice Placement

Year 4 General Nursing
General Nursing

Year 4 Mental Health Nursing
Contemporary, evidence based mental health nursing practice

Year 4 Intellectual Disability Nursing
Contemporary Issues

Year 4 Children's and General Nursing
Caring for a Child with Multisystem Dysfunction | Provision of Care for Children | General Nursing | Ethics in Nursing

Year 5 Children's and General Nursing
Clinical Practice Placement

General
CAO Code
DC215
Years
4
Min points
389
QQI FET
Yes

Mental Health
CAO Code
DC216
Years
4
Min points
330
QQI FET
Yes

Intellectual Disability
CAO Code
DC217
Years
4
Min points
316
QQI FET
Yes

Children's and General (Integrated)
CAO Code
DC218
Years
4.5
Min points
487
QQI FET
Yes

Places
250
(DC215, DC216, DC217 and DC218)

BSc in Nursing
Ensure individuals and communities enjoy the best health possible

General Nursing DC215

General Nursing is offered in partnership with DCU and our partner services, Beaumont Hospital and Connolly Hospital Blanchardstown. General nurses promote wellness, health education and self-management to empower people to achieve their maximum health potential across the health continuum and lifespan in ever evolving health care settings. Fundamental to general nursing practice is an empathetic and collaborative relationship between the nurse and the person that is based on trust, understanding, compassion, support and serves to empower the person to make shared decisions regarding their care.

Throughout the 4 years you will have excellent opportunities to develop knowledge and skills relevant to general nursing practice, including independent and critical thinking and problem-solving. This offers an opportunity to make a difference, and a career with excellent employment prospects both nationally and internationally.

Mental Health Nursing DC216

Mental Health Nursing provides students with mental health nursing skills and theory and knowledge to work with and support those experiencing mental health challenges. The course content will include nursing interventions for mental health care and learning about contemporary approaches to mental health care. Clinical placements will be in a variety of settings including acute mental health units, community nurse teams, hostels, day hospitals and specialist services.

During the 4 year course you will develop therapeutic interpersonal nursing skills and self-awareness to effectively work within mental health services.

Intellectual Disability Nursing DC217

An Intellectual Disability Nurse is a professional, who works autonomously and collaboratively to provide person-centred care and support to persons of all ages, with a variety of abilities and capabilities. The nurse employs therapeutic interventions and skilled interpersonal approaches to provide this care across numerous states of health and wellbeing and promoting wellness. The values and skills inherent in this nursing course enables the nurse to support and empower people with an intellectual disability across their lifespan, building relationships with the person and their families grounded in human rights, inclusion, advocacy and support to live as independent a life as possible.

Children's and General Nursing (integrated) DC218

A Children's and General Nurse will foster the health and wellbeing of individuals across the lifespan, taking into account their physical, psychological, emotional, social and spiritual needs. This 4.5 year full-time degree is offered in partnership with our affiliated partner hospitals from both the public and private healthcare sectors. The course content will include nursing interventions for children's and general nursing practice. Throughout the course you will have excellent opportunities to develop your knowledge and skills relevant to children's and general nursing practice, including independent and critical thinking and problem-solving. This course offers you a chance to make a difference and offers a career with excellent employment prospects. Upon graduation you will be qualified to register as a General Nurse and a Children's Paediatric Nurse.

On successful completion of our 4 Nursing Degrees, you will be eligible to apply to register with An Board Altranis agus Cnáimhseachais na hÉireann (Nursing and Midwifery Board of Ireland NMBI) as a Registered Nurse in your specialist degree.

Future Careers
→ General Nurse
→ Children's Nurse
→ Mental Health Nurse
→ Intellectual Disability Nurse
→ Community Nurse
→ Research

In These Areas
→ Public Health
→ Private Hospital
→ Healthcare Sector
→ Occupational Health
→ Education

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Faculty of Engineering and Computing

Our Faculty is recognised both nationally and globally for providing exceptional academic degree courses that equip students to excel in the fields of engineering and ICT (information, communication and technology). With a dedicated Faculty committed to your success, we ensure you receive a top-notch education preparing you for rewarding careers in these rapidly growing industries.

The School of Computing at DCU boasts state-of-the-art labs and has a long-standing reputation as Ireland's oldest computing school. Notably, it has the largest computer science degree in the country.

The School of Mechanical and Manufacturing Engineering and the School of Electronic Engineering at DCU houses the best educational engineering facilities in Ireland and is home to world leading academics in the areas of Sustainability Engineering, Smart Buildings and Biomedical Engineering.

Before completing their studies, our students get the opportunity to work with some of the biggest and best companies in engineering, computing and related sectors. Our students have a minimum of 6 months work experience meaning that they graduate with a world-class degree and highly relevant work experience. Our graduates have gone on to have successful careers in renowned companies including Apple, Deloitte, Dyson, Google, Intel, NASA and PwC.

Common Entry into Engineering
Become an inventor, a designer, a creator

Why DCU?

– Explore 5 different engineering disciplines before specialising from Year 2

– DCU is home to world-class engineering academics and state-of-the-art lecture theatres, workshops and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

– All options offer paid work placement (INTRA) in Year 3

– All options offer students an opportunity to complete Year 5 and graduate with a Masters of Engineering degree

– Pathway to an internationally recognised degree enabling graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK or the USA

About You

Do and want to know how things work? Do you want to create, innovate and make a lasting impact on the world? Do you have a natural ability in mathematics, which is the universal language of engineering? Are you a critical thinker who'd love to be part of a team solving real-world problems? Then consider Common Entry into Engineering.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Common Entry into Engineering (Undenominated Entry)

Engineering is essential for driving innovation, building critical infrastructure, solving complex problems, advancing technology, promoting sustainability and enhancing the well-being of individuals and societies. It is a field that shapes the world we live in and plays a vital role in shaping a better future for all. Some of the most recent, exciting innovations in the renewable energy sector have been driven by engineering including wave energy converters, and combined heat and power units. Engineers improve life for humankind and help preserve and protect our planet for future generations.

Many students choose to go directly into 1 of our 5 specialist engineering courses. However, if you are unsure which area you would like to specialise in, the Common Entry into Engineering option is designed to help you explore all of your options while studying the fundamentals of engineering.

During Year 1, you will build a strong engineering foundation across maths, materials engineering and basic sciences, while also building skills like logical and critical thinking. Through lectures, labs, individual and group work, you will get hands-on engineering experience and be exposed to the 5 different engineering disciplines: mechanical and manufacturing engineering, mechatronics, electronic and computer engineering or sustainability engineering. By studying all 5 engineering disciplines in Year 1, you will gain a comprehensive understanding of the field and are better equipped to make informed decisions about your chosen Engineering degree in Year 2.

Upon graduation, our Engineers are highly sought after across many industries, known for their creative thinking, problem solving and ability to excel in team-based environments. Our graduates can be found at the heart of just about any field, from high-tech industry and medicine to financial services, energy-aware technologies and biotechnology – the cutting-edge dynamic industries of tomorrow. An Engineering degree from DCU is fully accredited and globally accepted, so you can bring your knowledge, skills and innovative mindset anywhere!

Additional Information

DCU has worked to ensure our Engineering courses stay vibrant and relevant to all needs of the modern engineer. Students entering via any of the CAO-denominated courses (DC190, DC193, DC194, DC197) or Common Entry route (DC200) will share a common engineering Year 1.

Additional Information
After completing Year 1, you continue into Year 2 of your chosen honours degree.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC200

Course Structure

After Year 1, students will transfer into 1 of the following courses:

– BEng and MEng in Electronic and Computer Engineering (DC190)*

– BEng and MEng in Mechatronic Engineering (DC193)*+

– BEng and MEng in Mechanical and Sustainability Engineering (DC194)+

– BEng and MEng in Mechanical and Manufacturing Engineering (DC195)+

– BEng and MEng in Biomedical Engineering (DC197)+

* offered by the School of Electronic Engineering

+ offered by the School of Mechanical and Manufacturing Engineering

You will find further details of these courses in the following pages. Please note that the Common Entry route does not mean adding an extra year to the course. After completing Year 1 Common Entry into Engineering course, you continue in Year 2 of your chosen degree course.

What Will | Study?

Year 1

Engineering Sciences | Engineering Mathematics and Computation | Engineering Mechanics: Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Fundamentals of Professional Development | Numerical Problem Solving | Basic Sciences for Engineering | Software Development for Engineers | Engineering Mathematics 1 and 2

CAO code
DC200

Years
1

Min points
521

Places
100

QQI FET
Yes

Future Careers

→ Electronics Design Engineer
→ Computer Hardware Engineer
→ Systems Engineer
→ Software Engineer
→ Sustainability Engineer
→ Process Engineer
→ Mechanical Engineer
→ Renewable Energy Engineer
→ Energy Manager
→ Project Manager
→ Energy Analyst

In These Areas

→ Transport
→ Energy
→ Pharmaceutical
→ Food and Beverage
→ Utilities
→ Manufacturing
→ Business

BEng and MEng in Electronic and Computer Engineering
Gain the knowledge and skills to be at the heart of innovation

Why DCU?

– Learn the skills and knowledge to design integrated electronics and computer systems with critical expertise in computer hardware and software technologies

– DCU is home to world-class engineering academics and state-of-the-art lecture theatres, workshops and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and offers a range of exciting scholarship opportunities

– 6 month paid work placement (INTRA) in Year 3

– This course will help you acquire the skills required to understand and contribute to emerging technologies that will shape the future

– Option to complete an additional year of study and graduate in Year 5 with a Masters of Engineering degree

– Internationally recognised qualification which enables graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK or the USA

About You

Do you wonder about how things work and how to make them? Do you have a natural ability in mathematics, which is the universal language of engineering? If you would like to be able to fix a gaming remote or build a smart doorbell from scratch, you need to study Electronic and Computer Engineering. Every machine today has electronic components, so being able to engage in a hands-on way while also being able to write code proves incredibly useful.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Electronic and Computer Engineering (ECE)

Electronic and computer engineers create and innovate to invent, design, improve and build products and technologies that really matter in people's lives. This degree will teach you how to use technology to improve people's lives, health, environment and leisure.

More than any other discipline, electronic and computer engineering has been at the heart of generating the technology of our modern society. However, there are still major global and human problems to be solved. You can be sure that, because of their knowledge and skills, electronic and computer engineers will be at the forefront in creating solutions. Whether dealing with problems of clean water, energy supply, global warming, nutrition or health, electronic and computer engineers find solutions and also lead the teams who tackle the job.

In Years 1, 2 and 3 you will study the fundamentals of electronic engineering and programming. You can complete a 6 month paid work placement (INTRA) in Year 3, gaining relevant experience at a company in Ireland or abroad.

As this course covers a broad field, you will choose one of 4 specialisms in Year 4:

– Nanotechnology and Photonics (covering sensors, diagnostics and more)

– Advanced Data Networks (such as fibre optics and 5G)

– Digital Interaction (including 3D interfaces and game design)

– The Internet of Things (building smart applications using sensors)

As a graduate of this course, you will be able to build devices and processes to solve real-world problems using cutting-edge technology like augmented reality and virtual reality. Furthermore, you will be accredited to work anywhere in the world in a rapidly growing field that is crying out for qualified graduates to take up roles in design engineering, production engineering, software engineering and related fields.
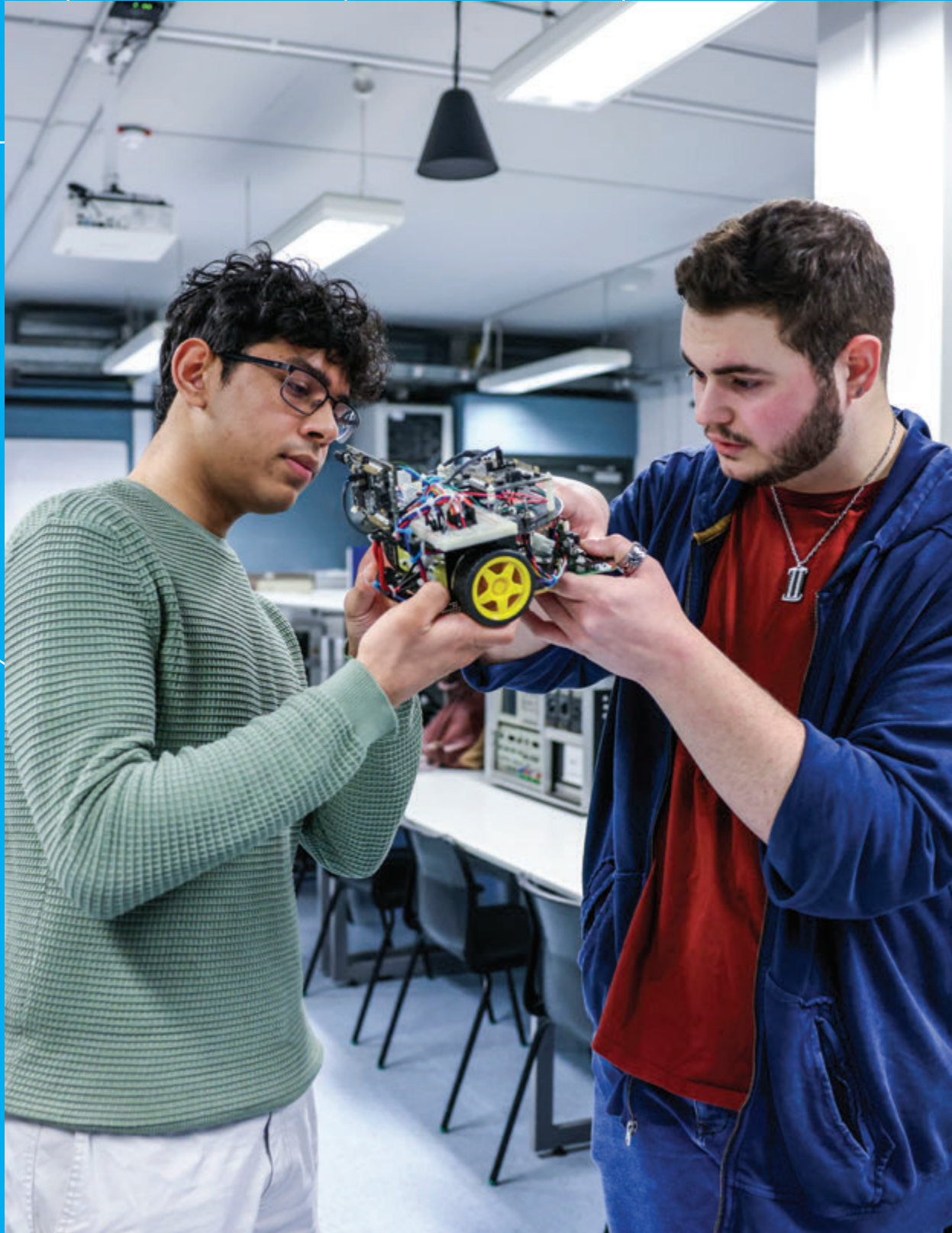
BEng and MEng in Electronic and Computer Engineering
Gain the knowledge and skills to be at the heart of innovation

Course Structure

Teaching methods include conventional lectures, extensive tutorials (particularly in Year 1), laboratory exercises and projects. Through these you will develop the ability to model and analyse the dynamics of a wide range of technological systems, as well as learn a creative and innovative approach to problem solving.

The curriculum of Years 1, 2 and 3 and the core modules in Year 4 are common to all ECE students. At the end of Year 3 you may opt to follow the Integrated Masters route if you achieve a minimum H2.2 classification based on the average performance in Years 1, 2 and 3.

In Year 4 (and optional Year 5 for the Integrated Masters), you select a major option and gain relevant skills through major-specific modules and an individual undergraduate project. The options for majors reflect modern trends in electronic and computer engineering and research priorities within the School of Electronic Engineering. Currently the course offers the following 4 majors, which we will adapt over time so that our graduates always have the most relevant and up-to-date technology and expertise:

Major in Nanotechnology and Photonics – This specialism will help you master electronic and photonic devices at the molecular and atomic level and develop the knowledge required to produce functional electronic and photonic devices of nanometre dimensions

Major in Advanced Data Networks – This specialism focuses on devices communicating to devices at high speed, for example optical networks and high-speed wireless technologies. It underpins research on next-generation networks that support evolving demands from devices and applications

Major in Digital Interaction – The major focuses on the interaction between humans and devices, as well as the communication of devices with the broader world. Notable modules include Human-Computer Interface Technology, Web Application Development, and Image Processing

Major in the Internet of Things – The Internet of Things (IoT) has the potential to profoundly transform the man-made environment we live in. The IoT's transformative power lies in its ability to connect and gather data from various objects and environments, enabling smarter decision-making, automation, and improved efficiency across sectors. This major prepares you to do research and work in this rapidly growing area

You will have the opportunity to do an individual major-relevant capstone project in Year 4 (or in Year 5 for the Integrated Masters). Your project will allow you to work in a specialist area of your choosing and to apply the electronic and computer engineering skills that you will have acquired. You can demonstrate your innovative capabilities, capacity for independent learning, and technical expertise. All final year students in the Faculty of Engineering and Computing have the opportunity to showcase their final year projects to interested employers at the end of their final semester. It also allows potential employers to see the high standard and the broad range of development work you have carried out on the course. This display is very popular with industry and draws many prospective employers keen to dire DCU graduates.

In addition to the traditional engineering focus on mathematics and design, a strong software and programming theme runs through our ECE course. In this you will learn about, C, C++, Java, embedded systems, Linux and Windows operating systems, data structures and algorithms, hardware description language, object-oriented programming and, in 2 of the Year 4 majors, web application development. This thematic strength reflects an enduring need in industry for software specialists who have a strong knowledge base in electronics, systems, signal processing and hardware interfacing.

INTRA

In Year 3 you will undertake a 6 month paid work placement (INTRA), giving you a unique opportunity to enhance your CV, increase your employability and apply your knowledge and skills in the real world, putting you at the top of the employability market. This is usually with a business in Ireland, but opportunities may arise abroad or in some cases you may be placed in a research position within DCU. Some of the biggest companies in the world offer INTRA placements to our ECE students, including Google, Intel, IBM, Microsoft and Philips.

Other recent INTRA employers with a global reach include Accenture, AOL, Analog Devices, Cisco, Bypress Semiconductors Ireland, Deloitte and Touche, Mastercard, Synopsys, SAP Ireland, Tektronix Communications, Xilinx and Xerox. Degree-relevant work experience obtained on an INTRA placement can give you a big advantage when you are seeking a position as a graduate engineer. For more information, please visit dcu.ie/intra.

Additional Information
Accredited By:

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC190

What Will | Study?

Year 1
Engineering Mathematics | Engineering Mechanics: Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Fundamentals of Professional Development | Numerical Problem Solving | Basic Sciences | Software Development for Engineers

Year 2
Engineering Mathematics | Circuit Analysis Techniques | Systems, Signals and Control Theory | Data Communications and Networks | New Enterprise Development (Team Project) | C/C++ Programming for Engineers | Digital and Analogue Electronics | Operating Systems | Embedded Systems | Electromagnetism

Year 3
Signals | Electromagnetism | Electromechanical Systems | Algorithms for Engineers | Analogue Circuits and Design | Data Communications and Networks | Computation and Simulation | Mobile Robotics (Team Project) | INTRA

Year 4
Computer Architecture and HDL | Object-Oriented Programming with Embedded Systems | Control Systems Analysis | DSP-Digital Filters and DFT

Year 4 ECE with Major in Nanotechnology and Photonics
Optical Communications System Design | Solid State Electronics and Semiconductor Devices | Mechatronic System Simulation and Control | Capstone Project (Major in Nanotechnology and Photonics)

Year 4 ECE with Major in the Internet of Things (IoT)
Bioelectronics | Web Application Development | Wireless/Mobile Communications | Capstone Project (Major in IoT)

Year 4 ECE with Major in Advanced Data Networks
Optical Communications System Design | Communications Theory | Transmission Lines, RF Propagation and Radio Link Design | Capstone Project (Major in Advanced Data Networks)

Year 4 ECE with Major in Digital Interaction
Web Application Development | 3D Interface Technologies | Image Processing and Analysis | Capstone Project (Major in Digital Interaction)

For more details, please check;
ece.eeng.dcu.ie

CAO code
DC190

Years
4

Min points
500

Places
30

Internship
Yes

QQI FET
Yes

Future Careers
→ Electronics Design Engineer
→ Computer Hardware Engineer
→ Systems Engineer
→ Network Design Engineer
→ Computer Vision Engineer
→ Software Engineer

In These Areas
→ Robotics
→ Smart Technologies
→ Electronic Industry
→ Smart Economy
→ Sustainable Energy
→ Communications
→ Health Sector

BEng and MEng in Mechatronic Engineering
You can move the world

Why DCU?

– This course will equip you with the skills and knowledge to design, develop, manufacture and operate the intelligent products and systems of today and tomorrow

– DCU is home to world-class engineering academics and state-of-the-art lecture theatres, workshops and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

– 6 month paid work placement (INTRA) in Year 3

– Option to complete an additional year of study and graduate in Year 5 with a Masters of Engineering degree

– Internationally recognised qualification which enables graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK or the USA

About You

Do you want to build the robots of the future? Are you a problem solver by nature? Do you have a natural ability in mathematics, which is the universal language of engineering? If you are fascinated by robotics and automation, and have a strong foundation in mathematics, this is the course for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Mechatronic Engineering

More and more aspects of the world around us are becoming automated, with labour-saving machines, 'always on' connected devices and robots able to perform tasks more quickly and accurately than humans. In these complex machines, huge numbers of finely tuned moving parts are precisely controlled on the instant by state-of-the-art electronics. Just consider the machines you use on a daily basis from cars to refrigerators and washing machines, how many moving parts are involved? Such machines are examples of mechatronic engineering, the science that combines mechanical engineering, electronic and computer engineering and software design to create intelligent machines.

Wherever your interests lie, mechatronic engineering has immense potential. You could soon be designing aircraft electronics for the aerospace industry or building robots to assist with complex surgeries, using simulation software to optimise Formula One cars or optimising the performance of wind turbines.

This course perfectly blends mechanical engineering and electronic engineering. It offers classes in 3D modelling and design, for example, as well as circuit design and programming. Our students and staff are intrigued and inspired by the interplay between electronics and moving parts in connected devices and state-of-the-art machinery. Throughout the course, you will do lots of project-based learning where you use the latest real-world tools and technologies to solve problems and, of course, build robots. That's not all. You will also take some business-based modules, so you can learn how to develop a business plan and work with other parts of an enterprise.

While you can go on from this course to work in either mechanical or electronic engineering, our graduates typically end up in roles where they incorporate one into the other. For example, they might put sensors into a machine to measure aspects of how it's working or develop control systems for a lift or a car. Either way, mechatronics graduates are in huge demand as they are eligible for mechanical, electronic, and mechatronic roles.

Course Structure

This course brings together the disciplines of mechanical engineering and electronic engineering over the 4 years. Students have the option to undertake an integrated Masters degree from Year 3, subject to achieving a H2.2 or higher in Years 1 and 2. The course has 8 academic themes addressing a particular aspect of Mechatronic Engineering. It begins with fundamental scientific principles and leads through to a set of modules dealing with the design, analysis, manufacture and modelling of electromechanical products and systems.

Basic Science and Mathematics

You study the basic sciences and engineering mathematics that underpin mechatronic engineering.

Electronic Circuit and Systems Design

Electronic components and systems are explored through modules on electronics and on analogue and digital circuits and systems.

Mechanical Systems Design and Analysis

Materials engineering, fundamentals of mechanics, strength of materials and the mechanics of machines lay a foundation for the design and analysis of mechanical components and systems.

Software

Software design and analysis are an integral part of mechatronics. You take modules introducing general techniques of software development (using C, C++ and Python programming languages) in Years 1 and 2, with a focus on embedded systems in Year 2. You are also introduced to specific software tools (such as Matlab and Labview) throughout a range of modules and project work.

Mechatronic/Electromechanical System Design

A core area of mechatronic engineering is the design of electromechanical systems – systems that consist of both electrical and mechanical elements. A substantial part of the final year is devoted to the

Additional Information
Accredited By:

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC193

design, simulation, analysis and control of such systems. The mobile robotics module is entirely project-based and embodies the key principles of mechatronic engineering. It is organised around a specific robotic design challenge and will give you an opportunity to integrate and expand your knowledge in several different core areas: digital and analogue electronics, mechanics, software development and control systems.

Automated Manufacture
This area allows you to develop an understanding of how electronics, embedded systems and software are used in the automation of manufacturing.

Project-based Learning
You will complete various projects during your 4 years. Projects are designed to develop mechatronic skills and awareness culminating in major individual projects in Year 4. The projects will normally include elements of research, design, component sourcing, construction, testing and documentation. All projects must be based on at least 2 of the 3 core mechatronic elements (namely, mechanical, electronic and software design components).

INTRA
In Year 3 you undertake a 6 month paid work placement (INTRA or 10 months if you choose to do an extra year for a masters). This is usually with a business in Ireland, but opportunities may arise abroad and there are also some research positions within DCU. For more information, please visit dcu.ie/intra.

What Will I Study?
Year 1
Engineering Mathematics | Engineering Mechanics - Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Professional Development | Numerical Problem Solving for Engineers | Basic Sciences for Engineering | Software Development

Year 2
Engineering Mathematics | Mechanics of Materials | Digital and Analogue Electronics | C/C++ Programming for Engineers | Circuit Analysis Techniques | Engineering Mechanics: Dynamics | Energy: Thermodynamics | Design and CADD | Systems, Signals and Control Theory | Embedded Systems | Pneumatics and Control

Year 3
Product Design | Data Analytics for Engineers | Measurement and Signal Processing | Electromechanical Systems | Mechanics of Machines | New Enterprise Development Project | Analogue Circuits and Design | Mobile Robotics | INTRA

Year 4 (BEng)
Project | Manufacturing Automation | Control Systems Analysis | Image Processing and Analysis | Power Electronics | Project and Quality Management | Mechatronic System Simulation and Control | Robotics | Design for Manufacture and Assembly | Uaneen Award: DCU's Leadership and Engagement Module

Year 4 (MEng)
Project Planning and Research | MEng Project Design | Entrepreneurship for Engineers | INTRA (part 2) | Design for Manufacturing and Assembly | Mechanical Engineering Systems Simulation | Uaneen Award: DCU's Leadership and Engagement Module

Year 5 (MEng)
Image Processing and Analytics | Year 5 Project | Computer Vision | Robotics | Manufacturing Automation | Control Systems Analysis | Mechatronic Systems Simulation and Control | Data Analysis and Machine Learning | Power Electronics | Uaneen Award: DCU's Leadership and Engagement Module

CAO code
DC193

Years
4

Min points
501

Places
30

Internship
Yes

QQI FET
Yes

Future Careers
→ Research and Development Engineer
→ Product Design
→ Design Engineer
→ Management
→ Automation
→ Systems Designer, concentrating on Mechanical Systems
→ Electronic Hardware
→ Software Design

In These Areas
→ Domestic Goods
→ Medical Devices
→ Robotics
→ Autmotive Industry
→ Agri Machinery
→ Energy Systems

BEng and MEng in Mechanical and Sustainability Engineering
Harness the Power of Engineering for a Sustainable Future

Why DCU?

– You will be equipped with the knowledge to understand the interplay between the environment and human activities and provide engineering solutions to pressing environmental challenges in a sustainable manner

– DCU is home to world-class engineering academics and state-of-the-art lecture theatres, workshops and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

– 6 month paid work placement (INTRA) in Year 3

– Option to complete an additional year of study and graduate in Year 5 with a Masters of Engineering degree

– This course will be internationally accredited by Engineers Ireland enabling graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK or the USA

About You

Do you have a passion to engage with and solve some of the greatest global challenges, including climate change, for future generations? Do you have a natural ability in mathematics, which is the universal language of engineering? Are you interested in understanding how to implement knowledge and technology in a creative and ethical way for long term sustainability? If so, study Mechanical and Sustainability Engineering.

Similarly to most engineering degrees, ability in mathematics is a key requirement alongside an interest in problem solving, how things work and an eye for detail.

Additional Requirements

In addition to the general entry requirements for admission to the University (see pages 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Mechanical and Sustainability Engineering

Planet earth is facing enormous challenges that demand innovation and specialised skills. Engineers have an important role to play in developing solutions that will help make our world more sustainable. Complex challenges require engineers who understand the environmental impact of our engineering activities, and can use tools and methods, design and implement technologies to mitigate our environmental impact.

The BEng in Mechanical and Sustainability Engineering will prepare you with the knowledge and competence to meet the changing world of sustainability and the growing global challenges of transitioning to zero carbon and environmentally sound, reliable, affordable sustainable energy systems. Graduates will be equipped with a strong foundation in mechanical engineering and will be prepared to meet current and future global challenges of sustainability and decarbonisation.

While this course offers you the opportunity to specialise in sustainability, it also provides rigorous engineering training and will be eligible for accreditation by Engineers Ireland. It also encompasses extensive learning around climate and sustainability issues and many of the projects will look to tackle issues related to the UN Sustainable Development Goals.

This course has been carefully planned to ensure it produces industry-ready graduates who are prepared to tackle some of the huge challenges thrown up by climate change, while also being mindful of the environmental impact of any engineering work they do. Industry partners will be involved throughout. They play an active role in creating and developing the course material and will join in workshops, challenge-based learning and other aspects of the course.

Course Structure

This course brings together the disciplines of mechanical engineering and electronic engineering over the 4 years. Students have the option to undertake an integrated Masters degree from Year 3, subject to achieving a H2.2 or higher in Years 1 and 2. The course has 8 academic themes addressing a particular aspect of Mechatronic Engineering.

These themes are:

– Mathematics, Data Analytics and Modelling

– Thermofluid Sciences

– Sustainable System Design and Integration

– Renewable, Sustainable Systems and Decarbonisation (energy, water and resource management)

– Engineering Management, Economy and Sustainable Society

The course places a strong emphasis on both academic performances in examinations and continuous assessment throughout the 4 years.

INTRA

In Year 3, you will undertake a 6 month paid work placement (INTRA), (10 months for integrated MEng students). This is usually with a business in Ireland but there are also opportunities to work abroad. For more information, please visit dcu.ie/intra.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC194

Rialtas na hÉireann
Government of Ireland

Human
Capital
Initiative

What Will I Study?

Year 1
Engineering Mathematics | Engineering Mechanics: Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Fundamentals of Professional Development | Numerical Problem Solving | Basic Sciences | Software Development

Year 2
Engineering Mathematics | Design and Solid modelling | Thermodynamics: Energy | Electrical Power and Electromechanical Systems | Fluid Mechanics | Mechanics of Machines | Pneumatics and Control | Data Analytics | Renewable Energy | Fluid Mechanics | Pollution and Biosphere | Strength of Materials

Year 3
Life Cycle Assessment and Decarbonisation | Measurement and Signal Processing | Fundamentals of Control | Environmental Legislation, Standards and Risk | Thermodynamics: Exergy | Sustainable Process (Design Project) | Process and System Modelling | Project and Quality Management | INTRA

Year 4
Building Physics and Systems | Energy Auditing and Management | Water and Waste Management | Smart Energy Systems | Emerging Sustainable Technologies | Heat and Mass Transfer | Year 4 Project

Year 5 - Optional MEng
Whole Life Cycle Assessment | Turbomachinery | Computational Thermofluid Dynamics | Building Physics and Systems | Energy Auditing and Management | Heat and Mass Transfer | Year 5 Project

CAO code
DC194

Years
4

Min points
494

Places
30

Internship
Yes

QQI FET
Yes

Future Careers
→ Design Engineer
→ Sustainability Engineer
→ Process Engineer
→ Mechanical Engineer
→ Renewable Energy Engineer
→ Energy Manager
→ Project Manager
→ Energy Analyst
→ Energy Audit Engineer

In These Areas
→ Transport and Energy
→ Pharmaceutical
→ Food and Beverage
→ Utilities
→ Design and Manufacturing Businesses

BEng and MEng in Mechanical and Manufacturing Engineering
Engineer solutions for a dynamic world

Why DCU?

– You will be equipped with the skills to create innovative solutions for various industries' manufacturing needs

– DCU is home to world-class engineering academics, and state-of-the-art lecture theatres, workshops and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

– 6 month paid work placement (INTRA) in Year 3

– Option to complete an additional year of study and graduate in Year 5 with a Masters of Engineering degree

– Internationally recognised qualification which enables graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK and the USA

About You

Can you imagine designing and building a better electric vehicle, jet engine or wind turbine? Maybe you have figured out a way to improve inhalers or door handles. Do you have a natural ability in mathematics, which is the universal language of engineering? If you are fascinated by how things work and are made, enjoy getting caught up in the details, and thrive as part of a team, choose Mechanical and Manufacturing Engineering.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Mechanical and Manufacturing Engineering

Mechanical and Manufacturing Engineering go hand in hand, but each is quite distinct. Mechanical engineering is about the efficient use of energy for the design and function of all types of mechanisms. Mechanical Engineers design everything from door locks to space shuttles. If it moves, you will find mechanical engineering at the heart of its design. There are countless growth sectors for engineers in this area. Manufacturing Engineering, on the other hand, focuses on the development and improvement of manufacturing processes and systems.

As a mechanical and manufacturing engineer, you might develop advanced materials for hypersonic space travel, design automatic control systems, or work with medical professionals to investigate the human body and design instruments for medicine. You might work for a leading automotive company, optimising designs and assembly line processes. Or you might work with a leading healthcare provider to create assistive robots that have the potential to provide support for a range of care-related tasks such as physical and social assistance.

Our students take things apart, figure out how they work and how to fix or improve them, then put them back together again. You will use 3D printers and other advanced tools in DCU's state-of-the-art labs, while also absorbing engineering theory. You will also gain extensive skills and knowledge in engineering mechanics, computer simulation and analysis, design and manufacture, and project management.

With the 2 disciplines of mechanical and manufacturing engineering, this degree offers an impressive background in engineering, which opens the door to many exciting career opportunities.

It enables you to apply the most sophisticated computer tools to meet the traditional challenges of mechanical and manufacturing engineering.

Course Structure

The 4 year BEng degree has 4 academic themes, with each theme addressing a particular aspect of mechanical and manufacturing engineering. These themes are:

– Fundamental Skills - Mathematics, Computing, Data Analytics, Simulation

– Engineering Mechanics - Machines, Materials, Thermofluids, Dynamics and Control

– Design and Manufacture - Product Design, Manufacturing Processes and Systems, Lean and Six Sigma

– Professional - Project Management, Professional Development, Work Placement, Ethics

An average mark over 50% in Years 1 and 2 gives you the option to transfer to the integrated 5 year Masters. The extra modules in Year 5 allows you a choice to graduate with a Major in Simulation Driven Design or in Sustainable Systems and Energy. Students graduating from the integrated MEng Degree will simultaneously receive their BEng Degree. The course places a strong emphasis on both academic performances in examinations and continuous assessment throughout the 5 years.

INTRA

In Year 3, you will undertake a paid work placement (INTRA) for 6-10 months (10 months for integrated MEng students). This is usually with a business in Ireland but there are also opportunities to work abroad. For more information, please visit dcu.ie/intra.

Additional Information
Accredited By:

ENGINEERS IRELAND

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC195

CAO code
DC195

Years
4

Min points
509

Places
30

Internship
Yes

QQI FET
Yes

What Will | Study?

Year 1
Engineering Sciences | Engineering Mathematics and Computation | Engineering Mechanics: Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Fundamentals of Professional Development | Numerical Problem Solving | Basic Sciences for Engineering | Software Development for Engineers | Engineering Mathematics 1 and 2

Year 2
Design and Solid Modelling | Engineering Mechanics: Dynamics | Thermofluid Mechanics | Thermodynamics: Energy | Manufacturing Processes | Mechanics of Materials 1 and 2 | Engineering Computation | Engineering Mathematics 3 and 4

Year 3
(Option to choose 5 year MEng subject to achieving H2.2 or higher in Years 1 and 2) Measurement and Signal Processing | Product Design | Mechanics of Machines | Data Analytics for Engineers | Product Development and Regulatory Compliance | Project and Quality Management | Fundamentals of Control | Lean and 6 Sigma Manufacturing | INTRA (part 1)

Year 4 (BEng)
Mechanical and Manufacturing Engineering Project | Finite Element Design Analysis | Heat and Mass Transfer | Mechanical Engineering System Simulation | Manufacturing Automation | Advanced Engineering Materials and Manufacturing Processes | Robotics | Operations Research Methods

Year 4 (MEng)
INTRA (part 2) | Project Planning and Research | Mechanical Engineering System Simulation | Entrepreneurship for Engineers | Operation Research Methods | Design for Assembly

Year 5 (MEng)
Core Modules: Research Practice and Methodology | Manufacturing Systems Simulation

MEng Project in Simulation Driven Design: Finite Element Design Analysis | Heat and Mass Transfer | Computational Thermo-Fluid Dynamics | Advanced FEA or Turbomachinery | MEng Project in Sustainable Systems and Energy | Energy Systems Decarbonisation | Energy Auditing and Energy Management | Whole Life Cycle Analysis | Advanced Sustainable Energy Systems

Look online for Year 5 modules:
dcu.ie/DC195

Future Careers
→ Mechanical Design Engineer
→ Manufacturing Engineer
→ Product Design Engineer
→ Quality Engineer

→ Energy Engineer
→ Research and Development Engineer
→ Project Engineer

In These Areas
→ Aerospace
→ Automotive
→ Biomedical
→ Energy Systems
→ Electronics
→ Robotics
→ Manufacturing

BEng and MEng in Biomedical Engineering
Engineer new technologies that transform the future of healthcare

Why DCU?

- This course will equip you with the skills to design and build new technologies that transform the future of healthcare and improve millions of lives

- DCU is home to world-class engineering academics and state-of-the-art lecture theatres, workshops and labs

- The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

- 6 month paid work placement (INTRA) in Year 3

- Option to complete an additional year of study and graduate in Year 5 with a Masters of Engineering degree

- Internationally recognised qualification which enables graduates to work as professional engineers in the EU, Australia, Canada, Hong Kong, Ireland, Japan, New Zealand, Singapore, South Africa, the UK or the USA

About You

Are you interested in image processing software that will allow you to come up with ideas to help others, from every day hip replacements to more advanced medical devices? Do you have a natural ability in mathematics and a logical mind with an eye for detail?

If you are creative, analytical, inquisitive, innovative, and keen to work in a fast-growing field with real human impact, this could be the course for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Mathematics or H4 in Applied Mathematics with H5 in Mathematics.

Understanding: Biomedical Engineering

Biomedical engineers apply engineering design skills to enhance and improve the well-being and health of individuals. When you study Biomedical Engineering, you not only learn how the body works and becomes injured, but you come to understand how medical devices are developed to treat injuries and disease, and how we can help the body heal itself. Prosthetic limbs, pacemakers, defibrillators, and cochlear implants were all designed by biomedical engineers. These are just some of the technologies that are used everyday to promote better health outcomes and save lives.

This course bridges the gap between medicine and technology and educates a new generation of engineers that can create game changing surgical instruments and medical devices, new types of diagnostic and monitoring tools. You will use state-of-the-art labs and tools such as 3D simulations and 3D printing technologies as you study. You will get biological and medical knowledge, and technical engineering expertise, so you can solve problems in biomedicine. You will study advanced biology, biomaterials, biomechanics, tissue engineering, medical device design, surgical technology, rehabilitation engineering and much more besides.

Course Structure

This 4 year BEng degree (with the option to undertake an integrated Masters degree from Year 3 subject to achieving H2.2 or higher in Years 1 and 2) has 8 academic themes, with each theme addressing a particular aspect of Biomedical Engineering.

These themes are:

- Mathematics and Computing

- Design and Manufacture

- Project Management and Professional Development

- Engineering Mechanics

- Biomaterials and Manufacturing Processes

- Biology and Bioengineering

- Regulatory Requirements in the Medical Device Industry

- Rehabilitation Engineering and Surgical Device Technology

The course places a strong emphasis on both academic performance in examinations and continuous assessment.

INTRA

In Year 3, you will undertake a 6-10 month paid work placement (INTRA) to put what you have learned into practice. And you can also opt to study abroad. Both the healthcare and medical devices industry have strong demand for qualified graduate engineers. Typically, our graduates end up working as biomedical engineers, consultants, research and development engineers or data scientists. For more information, please visit dcu.ie/intra.

Contact Details

studenthelp@dcu.ie

Visit Us Online

dcu.ie/DC197

What Will I Study?

Year 1
Engineering Mathematics | Engineering Mechanics: Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Fundamentals of Professional Development | Numerical Problem Solving for Engineers | Basic Sciences for Engineering | Software Development for Engineers

Year 2
Engineering Mathematics | Design and Solid Modelling | Mechanics of Materials | Thermofluid Mechanics | Thermodynamics: Energy | Engineering Mechanics: Dynamics | Anatomy and Physiology | Biomechanics of Human Movement | Circuit Analysis Techniques | How Life Works

Year 3
(Option to choose 5 year MEng subject to achieving H2.2 or higher in Year 1 and 2)
Product Development and Regulatory Compliance | Mechanics of Machines | Immunology and Cell Biology for Engineers | Lean and 6 Sigma Manufacturing | Product Design | Measurement and Signal Processing | Fundamentals of Control | Data Analytics for Engineers | INTRA (part 1)

Year 4 (BEng)
Image Processing and Analysis (Plus) | Finite Elements Analysis | Heat Transfer and Fluid Mechanics | Rehabilitation Engineering | Biomaterials and Processing Technology | Operations Research Methods | Surgical Device Technology

Year 4 Project
Uaneen Award: DCU's Leadership and Engagement Module

Year 4 (MEng)
Surgical Device Technology | Biomaterials and Processing Technology | Operations Research Methods | Rehabilitation Engineering | Entrepreneurship for Engineers | Project Planning and Research | INTRA (part 2)

Year 5 (MEng)
Design for Clinical Practice | Practice | Finite Element Analysis | Heat Transfer and Fluid Mechanics | Image Processing and Analysis (Plus) | Advanced FEA | Biomechanics of Tissue Engineering | MEng Project

Look online for the full list and details of modules: dcu.ie/DC197

CAO code
DC197

Years
4

Min points
531

Places
30

Internship
Yes

QQI FET
Yes

Future Careers
→ Research and Development Engineer
→ Project Engineer | Quality Engineer
→ Clinical Engineer
→ Product Development Engineer
→ Biomaterials Engineer
→ Biomechanical Engineer
→ Medical Device Engineer
→ Systems Engineer
→ Pharmaceutical Engineer

In These Areas
→ Healthcare Industry
→ Medical Device Companies
→ Government Bodies and Medical Device Regulatory Bodies
→ Pharmaceutical and Biotechnology Industry
→ Research and Academia

BSc in Global Challenges
Tackle the global challenges facing humankind

Why DCU?
– This course will equip you with the skills to solve the global challenges facing humankind today, and in the future, from health inequality to climate change

– Experience immersive learning through virtual labs, design challenges and simulations, with small class sizes

– DCU is home to a diverse student body, world-class academics, and state-of-the-art lecture theatres, workshops and labs

– 6 month paid work placement (INTRA) in Year 3

– Work in teams on projects based on real-world challenges learning how to make change happen at a local, national and international level

– Develop teamwork, communication and creative thinking skills to prepare you for your future career working across multiple disciplines, managing diverse projects and becoming a thought leader of tomorrow

About You
Want to change the world? Are you passionate about addressing global challenges like climate change, fake news and global inequality? Are you keen to utilise technology and scientific knowledge to tackle these issues? Do you have a natural ability in mathematics, which is the universal language of engineering?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O2 or H5 in Mathematics.

Understanding: Global Challenges
The BSc in Global Challenges course is aimed at curious ambitious leaders who want to make informed, creative and practical changes to the world for the betterment of local and global societies. To address global challenges like climate change, population health and global inequality, the world needs curious, ambitious people who can develop smart, sustainable solutions.

You will study diverse social science and technical topics, including cutting-edge emerging technologies and valuable international relations specialisms. You will learn through design challenges, team projects, immersive technologies, and role-play simulations to build a toolkit of skills in leadership, project planning and research.

The course spans across DCU faculties of Humanities and Social Sciences and Engineering and Computing to promote an innovative, interdisciplinary, and integrated team-delivered degree course that recognises the need to innovatively address the challenges of the modern world. As a result, you will study a distinctive combination of technical, social and transversal skills, enabling you to work across multiple disciplines, manage diverse projects and become thought and actions leaders of tomorrow.

The technical skills studied in this course reflect the top 5 technologies, by share of companies, include: cloud computing, big data analytics, internet of things and connected devices, encryption and cybersecurity, and artificial intelligence. Robust, practical and highly sought technical skills and knowledge will empower you to propose solutions that are technically feasible for your future career.

Upon graduating, you will be prepared to plan and manage complex projects that involve multiple stakeholders, working across disciplines and crossing traditional boundaries in solving complex real-world problems.

Course Structure
Throughout the course you will learn how to design creative solutions to real-world problems, and how to develop and implement creative and responsible technological solutions that can bring about positive change at the local, national and global level. In each year you will study modules covering fundamental technical knowledge of electronic engineering, computing science and data science, and also the fundamental theories of social sciences, policy and politics, with a sensitivity to the international context of these topics.

You will combine your knowledge of these topics through assignments based on real-world challenges which need an interdisciplinary approach. Projects include working with real-world data related to global challenges and design challenges requiring creative problem-solving skills to develop technological solutions that are feasible and consider societal, political and economic factors.

Optional language modules start in Year 1, choose from French, German or Spanish.

INTRA
In Year 3, you will undertake a year long paid work placement (INTRA), this is usually with a business in Ireland but there are also opportunities to work abroad. For more information, please visit dcu.ie/intra.

Additional Information

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC189

What Will I Study?

Year 1

Global Challenges in Practice | The Art and Science of Solution Design | Exploring Enabling Technologies and Solutions | Exploring and Defining Problems | Creating Impact in a Changing World | Shaping Global Leaders | Project Planning | Data and the Mathematics of Change | Politics and Global Development | Sustainable Technology

Optional Modules

French Language and Culture | German Language and Culture | Multilingualism Spanish Language and Culture | Spanish Language and Culture

Year 2

Deterministic and Statistical Modelling | Sensors and the Internet of Things | Innovation and Entrepreneurship | Politics and Law | Global Governance | Applied Comparative Research

Year 3

Data Privacy and Artificial Intelligence | Social Research | Introduction to Gender Studies OR Politics in South Asia | Public Policy Challenges | Introduction to Causal Inference and Problem Solving | INTRA

Year 4

Environmental Technology | New Techniques in Social Research and Machine Learning | The Politics of the Middle East and North Africa OR Politics and Development in Africa OR Post-Soviet Politics | Digital International Relations | Industrial Technology | Project based on UN Sustainable Development Goals

CAO code
DC189

Years
4

Min points
433

Places
30

Internship
Yes

QQI FET
Yes

Future Careers
→ Business Consulting
→ Technology
→ Non-Profit Sector
→ Local Authorities and Planning
→ International Development
→ Civil Service
→ Diplomatic Services
→ Policy Evaluation
→ Healthcare

In These Areas
→ Project Leader
→ Project Director
→ Innovation Strategist
→ Business Innovator
→ Digital Innovation Strategist
→ Sustainability Manager
→ Smart Cities Specialist
→ Corporate Social Responsibility Manager
→ Policy Analyst / Advisor

BSc in Computing for Business
Innovation for a digital world

Why DCU?

– This course lets you explore critical areas in IT, while gaining key skills and experience needed to thrive in industry today

– DCU is home to world-class computing academics, and state-of-the-art lecture theatres and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities please visit Dcu.ie/engineeringandcomputing/scholarships-and-awards

– 7 month paid work placement (INTRA) in Year 3

– In Year 4, you will put into practice the skills and knowledge you have gained during the course, and create a robust final year project which you will showcase to industry at a student event

About You

Are you an inquisitive student with an entrepreneurial streak - someone who combines a business mindset with an interest in computing? Do you have an interest in information technology, the web, social media and management? Do you like to work creatively in teams? Do you want to learn how organisations can use technology and digital solutions to meet current business needs?

Whether you want to be a business analyst, an IT solutions architect, a project manager, a web developer or an entrepreneur, this course will give you the skills, knowledge and insight to thrive in the rapidly changing world of business.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding: Computing for Business

Every business and industry needs smart, versatile graduates who understand computing and technology, and who can make good use of innovations like artificial intelligence, cloud computing and machine learning.

This degree will provide you with an understanding of how software addresses real-world computing problems. It will teach you how you can best use computing technology to help people work together and give companies a competitive edge in the marketplace.

Throughout this course, you will learn coding and programming, and get to grips with databases, operating systems and networks. But you will also study innovation and entrepreneurship, project management and presentation skills. In Year 4, you can even develop your own app, and build both a prototype and a rock-solid business plan.

The BSc in Computing for Business gives you the foundation for a career in managing business information systems and information technology for innovative enterprises. It aims to educate you as a high-end IT professional with knowledge of how business works and the roles of technology in the enterprise. It will teach practical skills in designing and managing information systems and deploying them effectively and creatively.

The skills you gain will be central to the development of the Irish and, indeed, the global economy over the coming decades. Moreover, those skills are portable. As a graduate of the BSc in Computing for Business, you will be ideally placed to pursue a career as an IT professional here in Ireland, elsewhere in Europe or across the world.

Course Structure

Throughout the 4 years of the degree, there are formal lectures, with a strong emphasis on practical applications in the computer labs, tutorials, ongoing assessments, and projects drawn from real-world situations. There is also a focus on transferable skills, such as communications, entrepreneurship, teamwork, critical thinking and problem-solving, resource management, ethical awareness, and research.

In Year 1, you will be focused on obtaining a solid understanding of computer technologies including operating systems and web-based platforms as well as essential mathematical concepts.

As you progress through your studies, you will continue to develop programming skills and will undertake courses in information technology, databases, web application development and networking. This will give you the necessary skills to work with computing technology across a broad spectrum of business enterprises and contexts. You will study business communication skills, which includes elements of report writing, making presentations, business communications and business practice.

In year 3 you will undertake a period of work placement. This placement integrates academic study with a closely related job, giving you an understanding of the professional and practical business world and will help you to stand out in the graduate employment market. Many companies recruit their INTRA students upon graduation.

In Year 4, you will study advanced modules in information systems, business strategy and management. In addition, you will complete a major team-based project. You will put into practice the skills and knowledge you have gained during the course and create an innovative final year project which you will showcase to industry at a student event.

INTRA
In Year 3, you will undertake a 7 month paid work placement. This is usually with a business in Ireland but there are also opportunities to work abroad. For more information, please visit dcu.ie/intra.

What Will | Study?
Year 1
Core modules Introducing Hardware and Software | Python Programming | Web Design | Business Applications

Year 2
IT Business and Related Modules | Business Database Management | Business Systems Analysis | More Python Programming | Web Applications

Year 3
Intermediate Specialist Topics | INTRA

Year 4
Advanced specialist topics | Team project

Look online for full list and details of modules: dcu.ie/DC120

CAO code
DC120

Years
4

Min points
418

Places
110

Internship
Yes

QQI FET
Yes

Future Careers
→ Systems Analyst
→ Business Analyst
→ Technical Support
→ Network Engineer
→ Web Developer
→ Project Manager
→ Programmer

In These Areas
→ IT Companies
→ Finance Companies
→ Government Sector
→ Self-employed

BSc in Computer Science
Grasp the intricacies of computer technologies affecting the modern world

Why DCU?

– Guided by some of the greatest minds in the field, you will gain problem-solving, programming and analytical skills, and learn how to apply them in the real world

– DCU is home to world-class computing academics, and state-of-the-art lecture theatres and labs

– The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

– 6 month paid work placement (INTRA) in Year 3

– In Year 4, you will put into practice the skills and knowledge you have gained during the course, and create a robust final year project which you will showcase to industry at a student event

About You

Do you have an interest in technologies that are all around us and are used by us on a daily basis? Are you interested in computer games or robotics, mobile phones or electronic commerce? If you are interested and wish to explore how this technology works, then this course is for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O4 or H6 in Mathematics.

Understanding: Computer Science

Computing technology is all around us in our everyday lives, from the mobile phone that wakes us in the morning to the GPS system in the car or social media we post photos on. We use it for everything from booking concert tickets to securing a college place. As intelligent, innovative and forward-thinking people continue to develop technology, it can help us to solve all sorts of problems, for example in traffic circulation, climate modelling, the study of diseases, systems engineering, business modelling and ecology. As well as learning how computers work, you will get an understanding of the technology behind computer games, mobile phones, the internet and many other computing-based products.

If you are looking to start a career in computing and information technology, this course is perfect for you. It provides extensive training on software engineering coupled with hands-on practice which will equip you to create various types of software applications for multiple platforms and operating systems. Employers value such expertise making it highly advantageous in today's job market.

Course Structure

Year 1 focuses on gaining a strong understanding of computer programming and acquiring essential mathematical skills. In Years 2, 3 and 4, specialisms in software engineering will give you the skills to create software and to invent new ways of using it. Examples include web applications, computer games, mobile applications and the software that is contained in the devices we use every day (e.g. mobile phones, entertainment systems and cars). There is a strong emphasis on practical work and teamwork.

You will complete major projects in Years 3 and 4. These projects provide an opportunity for you to put into practice the software development techniques studied in class. An annual display of final-year students' work, called the Final Year Project Expo, will allow you to showcase your talents to the industrial and business communities. It also allows potential employers to see the high standard and broad range of the development work you have carried out on the course. This display is very popular with industry and draws many prospective employers keen to recruit DCU graduates.

INTRA

In Year 3, you will have the opportunity to spend 6 months paid work placement (INTRA). The INTRA programme integrates academic study with closely related jobs. It will give you an understanding of the professional and practical business world and will help you to stand out in the graduate employment market. For more information, please visit dcu.ie/intra.

What Will | Study?

Year 1
Core Introductory Hardware and Software Modules | Networks | Web Design and Programming

Year 2
Advanced Systems and Software Engineering Techniques | Contemporary Software Engineering Practice

Year 3
Intermediate Specialist Topics | Year 3 Project | INTRA

Year 4
Advanced Specialist Topics | Computer Science Project

CAO code
DC121

Years
4

Min points
498

Places
200

Internship
Yes

QQI FET
Yes

Future Careers

→ Software Engineer
→ Programmer
→ Systems Analyst
→ Web Developer
→ Cloud Computing Developer
→ App Developer
→ Technical Consultant
→ Research and Development
→ Operations Engineer
→ Automation Engineer
→ Software Tester
→ IT Administrator
→ Further Study – Teaching

In These Areas

→ Computing and Electronic Companies
→ Finance Companies
→ Multiple Sectors across which Software is developer and utilised
→ Self-employed

BSc in Data Science
Join the data revolution and be a part of changing the world

Why DCU?

- This course will equip you with the skills to deal with the challenges that large bodies of data present and how to help others understand it

- DCU is home to some of the greatest computing minds in the field, hosts the largest ICT research centres in Ireland, and state-of-the-art lecture theatres and labs

- The Faculty of Engineering and Computing educates a diverse student community, has strong industry links and a range of exciting scholarship opportunities

- 9 month paid work placement (INTRA) in Year 3

- In Year 4, you will put into practice the skills and knowledge you have gained during the course, and create a robust final year project which you will showcase to industry at a student event

About You

Fancy a career that combines problem-solving, investigation and storytelling? Are you seeking a versatile career that can grant access to various industries? From retail and sports science to journalism and fintech, data scientists are increasingly at the heart of business and government.

If you like maths, creative problem solving and collaborative work, data science could really appeal to you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H3 in Mathematics.

Understanding: Data Science

The course, which is the first of its kind in Ireland, is aimed at the study of information, where it comes from, what it tells us and how to turn it into a resource for business, government and social strategies. Decision making based on data collection, processing, analysis and communication has become a huge part of daily life involving crucial choices such as financial investments to government strategy to leisurely decisions like recommending a movie or choosing the best sports person to join your team. DCU is the perfect place to study this course due to our strong reputation in computing, engineering, business and mathematics. Our focus on innovation and applied problem solving means that we are always looking for ways to make a difference in the world. By studying with us, you will gain the skills needed to fill the ICT skills gap and meet employer demands both at home and abroad.

Course Structure

BSc in Data Science combines the 3 key skill sets of computing, mathematics and enterprise to provide the core knowledge needed to succeed in this growing area. The course will introduce you to the major concepts in data analytics, management, processing, modelling, visualisation and enterprise. You will learn to program, to study mathematics and learn to apply these skills to data from the real world, communicating the results to different audiences.

The degree has been developed in close collaboration between the University, global centres of research excellence (Insight, ADAPT), and major industry players such as Accenture, Intel and Fidelity.

In Year 1, you will learn programming from first principles using Python and R. You will also study foundational mathematics for data science which includes calculus, probability, and linear maths. Furthermore, you will gain knowledge of databases and computer structures.

As you progress to Year 2, you will build on your programming skills in both Python and Java. Additionally, you will delve deeper into advanced mathematical concepts such as statistics and calculus. Furthermore, this year's curriculum will introduce topics related to data warehousing.

In Year 3, you will focus on data science specific topics in machine learning operations, ethics and research skills, information retrieval, graph databases and a practical project. You then have the opportunity to acquire invaluable experience by undertaking a 9 month paid work placement (INTRA) in Year 3 this is usually with a business in Ireland but there are also opportunities to work abroad.

Year 4 focuses on the latest technologies and cutting-edge advancements in areas such as machine learning, natural language processing, scalable systems, computational modelling, fintech, sports science, multimedia, etc. Additionally, students have the freedom to explore their own concepts throughout a year-long project. This year-long project will be showcased in an annual event known as the Final Year Projects Expo. This event is a chance to present your skills acquired during your studies to industry professionals who are interested in employing DCU graduates.

INTRA

In Year 3, you will have the opportunity to spend 9 months paid work placement (INTRA). The INTRA programme integrates academic study with closely related jobs. It will give you an understanding of the professional and practical business world and will help you to stand out in the graduate employment market. For more information, please visit dcu.ie/intra.

What Will | Study?

Year 1
Linear Mathematics | Calculus | Probability | Computer Programming (Python & R) | Data Science and Databases | Computer Structures

Year 2
Statistics | Calculus of Several Variables | Computer Programming (Data Structures and Algorithms) | Data Processing and Visualisation | Computer Programming (Object Oriented Programming) | Data Warehousing and Data Mining | Introduction to Machine Learning | Programming for Data Analysis | Developing Internet Applications

Year 3
Professional and Research Practice for Data Science | Data Exploration Using Graph Theory | Software Engineering: Building Better Software | Search Technologies | Application Domains Project | INTRA

Year 4
Application Domains | Data Analytics at Speed and Scale | Natural Language Technologies | Advanced Machine Learning | Building Complex Computational Models (inc. Time Series) | Final Year Project

CAO code
DC123

Years
4

Min points
501

Places
40

Internship
Yes

QQI FET
Yes

Future Careers

→ Data Scientist
→ Business Intelligence Analyst
→ Customer Insight Lead
→ Team Leader
→ Chief Data Scientist
→ Director of Analytics
→ Risk Analyst
→ Knowledge Engineer
→ Data Programmer

In These Areas

→ Finance
→ Healthcare
→ Telecommunications
→ Non-Profit
→ Media
→ Retail
→ Manufacturing
→ Sport

For information in relation to the following concurrent
teacher education courses, please see the relevant course
entries in the Faculty of Science and Health:

Follow us

𝕏   @DCU_IoE

DCU Institute of Education (IoE)

Access unparalleled opportunities at the only dedicated faculty of education at an Irish university.

The DCU IoE brings together students from all education sectors. Our students take courses in early childhood education, primary and post-primary teaching, and further education and training. They work with staff who are passionate about education, who are leaders in their field, who contribute to policy and research, and who are recognised across the world for the quality of their work.

We expect you, as a student of the Institute, to share that passion for education. We will challenge you, make you think, place you in schools and educational settings unlike any you have experienced before, ask you questions and listen to yours. We will help you develop skills to enhance the learning and development of young children, to teach in the classrooms of today and tomorrow, and to build the foundation of your career in education.

Bachelor of Early Childhood Education (BECE)
Develop the knowledge, expertise and skills to support the development and early education of children from birth to 6 years

Why DCU?
– The BECE will prepare you for a career working as a professional in the growing area of early childhood education

– The BECE develops graduates who are critical and creative thinkers, skilled in working with young children and their families, who are strong researchers and advocates for early childhood

– You will study with internationally recognised experts in early childhood education helping you become a professionally qualified educator

– Develop new friendships and social networks as you learn with your peers in large-group lecture situations, in workshops and seminars with small groups, individually in tutorials and through professional practice (placement)

– You will develop your areas of practical and academic interest through elective modules

– You can opt to study abroad in Year 3 on an Erasmus programme

– Professional practice (placement) will take place each year of this course

About You
Do you want to make a difference to the lives and educational futures of young children (birth to 6 years)? Are you interested in working with children with special needs, with children and families or in support and early intervention organisations? Then follow your passion and become a professional early childhood educator. The BECE course will enable you to become a skilled professional leader in the field of early childhood. Prepare yourself for a range of career possibilities in early education at home and abroad.

Additional Requirements
The general entry requirements for admission to the University apply (see page 174).

Garda Vetting
Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully complete the Garda vetting process in order to complete the process of registration.

Understanding:
Early Childhood Education (BECE)
Early childhood is a growing field, with increasing state investment which acknowledges the importance of learning and development in the early years.

This course will equip you to take a leadership role in curriculum or management within the early childhood field. Working with young children and their families, supporting their education is rewarding and makes a real difference to children's lives. Our BECE degree will enable you to succeed by developing your skills, knowledge and understanding of:

– Children's wellbeing, development and learning (birth to 6 years)

– Curriculum planning, implementation and assessing learning

– Learning through play, indoors and outdoors

– Supporting creativity and thinking through early maths, technology, art, music and literacy

– Being a professional, using initiative, preparing for leadership and management opportunities

– Understanding the wider social and legislative context and its impact on children and families

– Working inclusively with a broad range of children, families and other professionals

Course Structure
All students take required early childhood education and care modules and spend approximately 1000 hours on professional practice placement and related activities over the duration of the course.

Each year of the BECE has a different focus. In Year 1, you will cover the core information needed to understand young children and how they develop. A range of supports are available to help students settle in academically and socially to DCU. Year 1 builds the knowledge and pedagogical foundation for the course.

Year 2 focuses on the early childhood environment and its impact in supporting young childrens' learning and development. You will learn how to create settings that support and challenge young children.

Year 3 explores diversity, equality, inclusion and social justice as it relates to young children and their families.

You will discover how to support and engage with the rich cultures, languages, traditions and needs of a diversity of children and their families through respectful relationships. In Year 3 you will have an Erasmus option to study for a semester in places such as Belgium, Hungary and Norway.

Year 4 focuses on leadership, ethics and research. You will complete a dissertation in an area of professional interest. You will also select from a range of relevant specialisms to deepen areas of interest that may be relevant for your future careers.

Year Abroad
Studying abroad provides a wonderful opportunity to experience the culture of another country. If you meet certain criteria and wish to go abroad you will spend Year 3 studying at one of our partner universities, in Belgium, Hungary and Norway. For more information, please visit dcu.ie/placement/study.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC001

DC001
Bachelor of Early Childhood Education (BECE)
Honours Bachelor Degree

Placement in Educational Settings

Throughout the course, you will apply your learning when out on professional practice (placement). You will undertake professional practice each year in semester 2 in a range of educational settings: full day care (Crèche); sessional (pre-school, Montessori, playgroup, Naíonra); special needs schools; specialised early intervention programmes; privately run preschools; and policy settings such as voluntary organisations and government departments or agencies. You will work with children from a variety of linguistic, social, ethnic and cultural backgrounds. You will also work with children who have special educational needs.

What Will I Study?

Year 1

Child Development 1 | Child Protection and Legal Frameworks | Creativity 1 (Art) and 2 (Music) | National Frameworks for ECE (Ireland) | Play and Learning 1 | Wellbeing, Health and Nutrition 1 | Critical Social Studies 1 | Issues in Professional Learning and Practice | Professional Practice

Year 2

Child Development 2 | Critical Social Studies 2 | Contemporary Curriculum Approaches in ECE | Language and Cultural Diversity | Special Educational Needs | Drame and Socio-Dramatic Play | Technology in Learning | Wellbeing, Health and Nutrition 2 | Issues in Professional Learning and Practice | Professional Practice

Year 3

Children, Families and Communities | Children's Participation in ECE | Current Issues in ECE | Inquiry-Based Learning | Psychological Perspectives: Young Children's Thinking and Learning | Early Mathematics Learning | Outdoor Play and Learning | Language, Literacy and Culture 1 | Issues in Professional Learning and Practice | Professional Practice

Year 4

Assessing Early Learning and Development | Leadership in ECEC Settings | Partnerships in ECE | Philosophy and Childhoods | Specialisms / Elective Modules | Transitions and Change in Early Childhood | Dissertation 1 and 2 | Professional Practice

CAO code
DC001

Years
4

Min points
419

Places
65

QQI FET
Yes

Future Careers
→ Early Childhood Educator
→ Manager
→ Pedagogical Leader
→ Policy Maker
→ Trainer
→ Early Years Specialist
→ Early Years Inspector
→ Mentor

In These Areas
→ Preschool
→ Naíonraí
→ Crèches
→ National Voluntary Organisations
→ Early Years Inspectorate
→ City and County Childcare Committees
→ Statutory Bodies
→ Development Agencies

Bachelor of Education (BEd) Primary Teaching
Gain the skills required to handle the complex, challenging and ever-changing primary education environment

Why DCU?
– You will be taught by internationally recognised experts in primary teacher education

– You gain experience in a broad range of classes in different types of schools, including multi-grade classes in small schools

– Select from a range of specialisms designed to prepare you to be a leader and innovator in education

– Most teaching happens in small groups where you will get to know your fellow students well

– Conduct an action research project in the final year of your course

About You
Are you deeply interested in children, how they learn and how they experience and interpret the world? Do you enjoy working with, and learning from, other people? Are you a good communicator? Are you committed to your own personal and professional development and are you willing to challenge your assumptions about teaching, learning, schools and society?

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: a minimum of H5 in at least 3 subjects and a minimum of O6/H7 in 3 other subjects. Your subjects must include H4 in Gaeilge (DC003 H3); O4 or H7 in English; and O4 or H7 in Mathematics.

DC003 Iarratasóirí Gaeltachta amháin in Institiúidí Ardoideachais
Is féidir suas go 10% de na háiteanna ar na cúrsaí múinteoireachta sa bhunoideachas, a choinneáil d'iarratasóirí Gaeltachta, i.e. ní mór d'iarratasóirí cónaí a bheith orthu sa Ghaeltacht mar a aithnítear go hoifigiúil í agus an Ghaeilge a bheith in úsáid mar ghnáth-theanga teaghlaigh acu. Le hiarratas a dhéamh, caithfidh tú a bheith in do chónaí in áit atá ainmnithe go hoifigiúil mar Ghaeltacht agus a bheith in ann a dheimhniú gurb í an Ghaeilge do ghnáth-theanga bhaile. Féadann tú iarratas a chur isteach ar DC002 agus DC003 araon, más mian leat.

Applicants wishing to commence the Primary BEd (English medium) through the Gaeltacht Entry Route DC003 must meet the following updated criteria in order to be eligible to apply for entry to the course, which is done through the CAO process.

a) Be resident in a Gaeltacht Language Planning area, and

b) Must obtain at least a H3 in Leaving Certificate Irish

Apart from the requirement to meet both of the 2 criteria listed above, applicants must also meet all the other requirements for entry to the Primary BEd as normal and any particular matriculation requirements for HEI they are applying to.

DC004 Church of Ireland Centre pathway (Restricted Entry)
You must apply through CAO by 1 February. Late applications cannot be accepted. You will be sent a separate eligibility assessment form by the University in March. If you hold a minimum of H6 or O4 in Irish, you may be offered a place, but only if there are too few applicants with H4 in Irish. A Link Module of the Leaving Certificate Vocational Programme may be presented as one of the 6 subjects for the calculation of points but will not qualify as a subject for matriculation purposes.

DC005 This is the entry route for Bachelor of Education (Irish Sign Language, (ISL))
Students entering through this route must be Deaf or Hard of Hearing and must be competent users of ISL. Applicants will be asked to provide evidence of hearing status and will have competency in ISL assessed before a place is offered. Students are required to meet the minimum entry requirements for DC002. Students are not required to have a H4 in Irish. Applicants must apply through CAO by 1 February. Late applications cannot be accepted.

Garda Vetting
Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding:
Bachelor of Education Primary Teaching
Teaching is a highly skilled and challenging activity. It requires expert knowledge, but also the ability to apply that knowledge flexibly and to adapt it quickly to new situations. Teachers must be able to handle unexpected events in the classroom and to use these imaginatively to promote learning. We will give you the opportunities you need to develop your subject knowledge, your understanding of how children learn and how schools work, and your classroom management skills.

DC002/DC003/DC005 students who choose the optional Catholic denominational strand take three modules in Catholic Religious Education. Students must also successfully complete 3 additional modules leading to a Catholic Certificate in Religious Studies in order to qualify to teach in a school under Catholic patronage.

All entrants through the DC004 Church of Ireland Centre pathway must be aware of and willing to support the distinctive ethos of Protestant primary schools. Eligibility will be assessed in late Spring of the year of entry via a separate eligibility assessment form.

DC004 students take an additional qualification in Religious Studies and Religious Education to prepare them to teach the Follow Me programme in schools under Church of Ireland, Methodist, Presbyterian and Society of Friends patronage supported by denominational specialism track module (Religions, Ethics, Morals and Values) and a specialism which prepares you to teach in small schools and multi-level classes, a module in Irish Language and Literature in Year 1 plus a short intensive course in Irish and a one-week placement in a Gaelscoil.

Course Structure
Our BEd is designed to help you become a skilled and creative teacher. All students study Education modules, complete 30 weeks' school placement and undertake 2 residential Gaeltacht Placements. You will also take specialism subjects relevant to teaching. You will be part of a small study group (a tutorial group) and this will give you a chance to share your experiences of school placement and your thoughts on course content.

You will spend time in schools each year, with extended placements in Years 3 and 4. You will start by observing the class teacher and will build up gradually to teaching all day. Throughout your placements, you will be supported by both faculty and school staff at your placement school.

The majority of DC004 placements will be in schools under Church of Ireland, Methodist, Presbyterian and Society of Friends patronage, with a particular focus on developing the experience and skills for teaching multi-grade classes in small schools.

The majority of DC005 placements will be in Schools of Deaf, or classes for Deaf/Hard of Hearing children in mainstream schools.

In Years 1 and 2, you will cover the basics needed for teaching. You will come to understand how children think and learn in active ways. Your curriculum courses will prepare you to teach all the subjects of the primary curriculum using approaches that develop children's understanding and motivation. You will also take modules in Psychology, Philosophy, Sociology of Education and History of Education.

In Year 3, you will review what you have learned to date and will apply it in different situations. You will deepen your understanding of classroom contexts and of how to plan for rich learning experiences. You will learn how to work with children in ways that are democratic and enable them to engage in an ethical way with the world.

Year 4 focuses on deepening your expertise. It will provide you with opportunities to think about big ideas in education such as social justice, inclusion and working in a school community. You will also undertake a research project.

Specialism Track Modules
The BEd also provides opportunities for students to specialise in key areas of learning.

DC002 and DC003: In Year 1, you will select a maximum of 3 options from Gaeilge, Mathematics, Music, Inclusive and Special Education, SPHE and Wellbeing, Science Education and Religious Studies. You can continue with one of these as a major specialism in Years 2 to 4, or may decide to opt for Digital Learning, Drama in Education, Early Childhood Education, Human Development, Human Rights and Citizenship Education, Literacy Education, Music Education, Physical Education, Science Education, Special and Inclusive Education, Teaching in Small Schools and Multi-level Classes, Maths Education, History Education, Geography Education and Visual Arts Education. (Places on some specialisms are restricted and options are subject to change).

DC004: In Year 1 you take modules in Religious Studies and Irish Language, Years 2 to 4, you must follow a particular specialism which prepares you to teach in small schools and multi-level classes as well as continuing with Religious Education.

DC005: In Year 1 you will take a module on Deaf Communications and their Histories. In Years 2, 3 and 4 , you must follow a particular specialism in deaf education.

What Will I Study?

[Module titles are subject to change]

Year 1

Foundations in Education and Early Childhood Education | Literacy and Language Litearthacht agus Teanga | Visual Arts and Music Education | Drama and Physical Education | STEM Education and Social Studies | Assessment, Digital Learning and Inclusive and Special Education | Teacher as a Reflective Practitioner | Gaeilge Professional Placement | Optional Track Modules - Foundations in Humanities | DC004 Irish Language and Literature | DC004 Church of Ireland Denominational Module | Centre for Catholic Education Denominational Module

Year 2

SPHE, Ethics and Social Studies | Foundations in Education | Literacy and Language Litearthacht agus Teanga | Visual Arts and Music Education | Drama and Physical Education | STEM and Early Childhood Education | Teacher as Reflective Practitioner Professional Placement | Optional Track Modules - Major Specialism | DC004 Church

of Ireland Centre Denominational Module | Centre for Catholic Education Denominational Module

Year 3

Philosophy, Ethics and Citizenship | Integrating Learning Across the Curriculum | Literacy and Language Litearthacht agus Teanga | Local Studies and Mathematics | School Placement | Professional Placement Studies | Optional Track Modules - Major Specialism | DC004 Church of Ireland Centre Denominational Module | Centre for Catholic Education Denominational Module

Year 4

Foundations in Education and Ethics | Literacy and Language Litearthacht agus Teanga | Math Ed, Assessment, Digital Learning | Inclusive/Special Education and Social Inclusion | Research Project | Schools as Communities |Professional Placement | Major Specialism

Module content on DC005 may differ slightly from the above.

CAO code

DC002
DC003
Gaeltacht Applicants Pathway
(Restricted Entry)

DC004
Church of Ireland Centre
Pathway (Restricted Entry)

DC005 ISL
 (Restricted Entry)

Years
4

Min points

487	(DC002)
453	(DC003)
401	(DC004)
N/A	(DC005)

Places

400+	(DC002) and (DC003)
32	(DC004)
6	(DC005)

QQI FET
No

DC004 is a restricted entry pathway for those who understand and are willing to support the distinctive ethos of primary schools under Church of Ireland, Methodist, Presbyterian and Society of Friends patronage. For more information, please visit dcu.ie/church-of-ireland-centre or email anne.lodge@dcu.ie

DC005 is a restricted entry pathway for applicants who are Deaf or Hard of Hearing and who use Irish Sign Language. Graduates will be qualified to work in deaf education settings only. These settings include Schools for the Deaf and classes for Deaf/Hard of Hearing children in mainstream schools.

Future Careers
→ Teacher
→ Principal
→ Teacher Educator
→ Educational Administrator
→ Consultant
→ Content Writer
→ Researcher
→ School Inspector

In These Areas
→ Primary Schools
→ Government Departments
→ National Voluntary Organisations
→ Statutory Bodies
→ Development Agencies

Bachelor of Religious Education and English or History or Music (BRelEd)
Post-Primary Teaching: Help the next generation reach their potential

Why DCU?

– Specialised centre of excellence, with a rich history in teacher education – it's what we do

– Teaching placements take up 25% of the course – preparing you to teach in the 21st-century classroom

– You will be qualified to teach Religious Education and English/History/Music to Honours Leaving Certificate level

– Graduates are employed in key educational positions in Ireland, Europe and internationally

– Most teaching happens in small groups where you will get to know your fellow students well

About You

Are you interested in teaching in post-primary schools? Are you deeply interested in teaching these subject choices? Are you interested in playing a key role in the educational development of the next generation?

Additional Requirements

DC010: The general entry requirements for admission to the University apply (see page 174).

DC011: The general entry requirements for admission to the University apply (see page 174).

DC012: In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in Music. For more information, please visit dcu.ie/DC012

Garda Vetting

Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding:
Post-Primary Teacher Education

The 4 year Post-Primary Teacher Education degree in Religious Education and English/History/Music is a 'concurrent' teacher education course – meaning that academic study and professional teacher training are integrated in all 4 years. This is in contrast with the 'consecutive' model, where you first complete an undergraduate degree and must then apply for entry to the Professional Masters in Education in order to qualify as a post-primary teacher.

This course, as well as preparing you in the 2 distinct areas of Religious Education and English/History/Music, will also place emphasis on teamwork, leadership, communication and creativity – skills that will inspire you to work as a post-primary teacher and also in a variety of other professions.

Course Structure

A major attraction of this 4 year course is that you will study in small class groups within the larger University context. Throughout the course you will cover the following integrated areas:

Foundational and Professional Studies in Education

DCU offers a student-friendly, supportive, open, dynamic and practical approach to the study of Education. Given its diverse nature, the study of Education and Religious Education is exciting, engaging, and challenging; something that is reflected in the variety of modules on offer to you over the course of your 4 years.

Teaching Including School Placements

One of the most exciting and rewarding elements of the course is our hands-on approach to school placement. Over the 4 years of the course, you have an opportunity to gain valuable and extensive experience within a range of teaching and learning environments, including observation of practice, micro-teaching, peer teaching, team teaching and school-based placement (in both primary and post-primary settings). You are supported throughout your professional development by experienced school placement tutors and school-based cooperating teachers. School placement also enables you to learn about and involve yourself with the wider school community through taking part in activities, initiatives and work outside of your classroom teaching. There is a specific focus on this aspect of school life during Context and Engagement week.

Additional Information
This course will enable you to register with the Teaching Council of Ireland on graduation (see page 188 for further details).
Upon graduation you can apply for employment in post-primary schools as a teacher of Religious Education and your related course subject (English/History/Music) up to and including Honours Leaving Certificate level.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC010 (English)
dcu.ie/DC011 (History)
dcu.ie/DC012 (Music)

Theology, Religious Studies and Ethics
Theology, Religious Studies and Ethics provides a strong foundation for teaching Religious Education in post-primary level schools and meets the subject criteria required by the Teaching Council of Ireland. The modules include: Ethics; Philosophy; Scripture; Systematic Theology; World Religions. You are encouraged to explore a wide range of topics and develop the skills to work in contexts of cultural and religious diversity.

English
Studying English Literature provides you with the skills to think creatively and intelligently about the fundamental roles played by storytelling and song-making in civilization. You will look at a wide range of literature and become familiar with the vital characteristics and contexts of drama, poetry, film and fiction. You will study style and substance: what literature describes, but also how it does it. Our priority is developing your critical independence, enabling you to read and reflect on literary texts across traditions: from Greek tragedy to Breaking Bad, Jane Austen to Father Ted, Shakespeare to Kanye West.

History
Our aim is to provide you, as a student of history, with the material and methodologies you will need in order to discover, examine and interpret some of the major issues and questions which will inevitably arise from your studies. The course offers a broad range of modules covering topics in Irish, European and World History from the mediaeval to the modern period.

Music
The study of music combines an opportunity to develop your own musicianship to a high level with a chance to experience a wide range of musical styles through performance studies, historical, analytical and contextual inquiry, and composition. Subject areas include compositional techniques, music history and contextual studies, solfège/musicianship and keyboard skills, choral and instrumental performance, Irish traditional music, choral conducting, and music technology. All students participate in performance ensembles, which play an active role in the University's cultural life, and which prepare you for the diverse challenges involved in music teaching and musical life more broadly.

BRelEd (English)

CAO code
DC010

Years
4

Min points
398

Places
45

QQI FET
Yes

BRelEd (History)

CAO code
DC011

Years
4

Min points
411

Places
40

QQI FET
Yes

BRelEd (Music)

CAO code
DC012

Years
4

Min points
420

Places
20

QQI FET
Yes

Bachelor of Religious Education and English or History or Music (BRelEd)
Post-Primary Teaching: Help the next generation reach their potential

What Will I Study?

Year 1

Education and School Placement
Teaching Studies Foundational | Psychology and Human Development | Introduction to Religious Education | School Placement 1

Theology, Religious Studies and Ethics
History of Christianity | Sacramental Theology and Ritual Studies | Introduction to the Bible | Foundations of Ethics

English
Fictions | Poetry: A User's Guide | Irish Drama and its Contexts | Academic Skills for Third Level

History
From Union to Treaty: Ireland, 1800 – 1921 | The Making of Modern Europe, 1789 – 1918 | After the Revolution: Ireland, 1922 – 1998 | Academic Skills for Third Level

Music
Solfège and Music Theory | Performance, Choir, Aural and Keyboard 1 | Harmony, Counterpoint, and Composition 1

Year 2

Education and School Placement
Teaching Studies Intermediate | Curriculum and Assessment | Learning and Teaching Religious Education | School Placement 2

Theology, Religious Studies and Ethics
Introduction to Philosophy | Liturgy and Worship | Prayer and Prophecy in Israel | Christology: Systematic, Historical, and Interreligious Perspectives | Justice and Peace | Science and Religion | The Letters of Paul

English
Shakespeare | The Tragedy-Comedy Complex | Poetry in Context | Great Books: How Canonicity Works

History
Ireland and England under the Tudors | From Wittenberg to Westphalia: Europe, 1500 - 1648 | Late Medieval and Early Modern Europe | The Twentieth-Century World since 1918

Music
Music History and Culture A | Irish Traditional Music | Harmony, Counterpoint, and Composition 2 | Performance, Choir, Aural & Keyboard 2

Year 3

Education and School Placement
Teaching Studies Advanced | History and Philosophy of Education | Religious Education: Theories and Approaches | School Placement 3

Theology, Religious Studies and Ethics
World Religions | Philosophy and Sociology of Religion | The God Question | Global Ethics | Latin American Liberation Theology | Taizé: Theory and Practice of Ecumenism | Islam: Beliefs and Practices | Religion and Gender

English
Romanticism | Gothic | Modernism

History
From Absolutism Towards Enlightenment: Europe, 1648 – 1788 | Ireland in the 17th and 18th Centuries | Revolution: The English and American Experience

Music
Music History and Culture B | Music Technology | Performance, Choir, Aural & Keyboard 3

Year 4

Education and School Placement
Sociology of Education | Religious Education: Integration Seminars | School Placement 4 | Research Project

Theology, Religious Studies and Ethics
Bioethics | Ecumenism | The Gospels: Themes and Issues | Theological Anthropology | Topics in Continental Philosophy | Research Paper

English
Postmodernism | Reading Seminar

History
Twentieth-century Topics | Twentieth-century Ireland | Research Paper

Music
Advanced Performance, Conducting, Musicianship | Orchestration and Contemporary Composition

English:
or a full list of subjects see dcu.ie/DC010

History:
For a full list of subjects see dcu.ie/DC011

Music:
For a full list of subjects see dcu.ie/DC012

Future Careers

→ Post-Primary Teacher (RE and English/History/Music)
→ Principal
→ Educational Leadership
→ Educational Administrator
→ Consultant
→ Broadcaster
→ Journalism
→ Chaplaincy
→ Parish Ministry
→ The Arts
→ Poetry
→ Historian
→ Musician / Composer

In These Areas

→ Post-Primary Schools
→ Government Departments
→ Private Sector
→ International Development Agencies
→ Media
→ Culture and Heritage

Bachelor of Education in Gaeilge and French or German or Spanish

Post-Primary Teaching: Use your ability in languages to inspire the next generation of learners

Why DCU?

– Specialised centre of excellence, with a rich history in teacher education – it's what we do

– You will be taught by internationally recognised experts in language and teacher education

– Teaching placements take up 25% of the course – preparing you to teach in the 21st-century classroom

– You will complete an Erasmus placement studying in a country where your chosen modern foreign language is spoken

– You will be qualified to teach Gaeilge and French, German or Spanish to Honours Leaving Certificate level

About You

Are you interested in playing a key role in the language development of the next generation? You need to be creative and articulate, with a passion for languages – learning them, using them and passing on your skills to others.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: a minimum of H3 in Gaeilge and a minimum of H3 in French, German or Spanish.

Garda Vetting

Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding: Post-Primary Teacher Education

The 4 year post-primary teacher education degree in Gaeilge and French, German or Spanish is a 'concurrent' teacher education course – meaning that academic study and professional teacher training are integrated in all 4 years. This is in contrast with the 'consecutive model' where you first complete an undergraduate degree and must then apply for entry to the Professional Masters in Education in order to qualify as a post-primary teacher.

This course will prepare you in the two languages Gaeilge with French, German or Spanish, while placing an emphasis on teamwork, leadership, communication and creativity – skills that will inspire you to work as a post-primary teacher and also a variety of other professions.

Course Structure

A major attraction of this 4 year course is that you will study in small class groups within the larger University context. Throughout the course you will cover the following integrated areas:

Foundational and Professional Studies in Education

We offer a student-friendly, supportive, open, dynamic and practical approach to the study of education. Given its diverse nature, the study of education and languages is exciting, engaging, and challenging – as reflected in the variety of modules on offer over the course of your 4 years.

Teaching including School Placements

One of the most exciting and rewarding elements of the course is our hands-on approach to the professional placement periods of the course, during which time students hone their teaching, learning, assessment and critical reflection skills. During these periods, students spend time in microteaching settings, online synchronous teaching settings and in different post-primary schools. The professional placement periods are designed in such a way so as to incrementally support students in the ongoing development of their professional identity and teaching skills. Over the 4 years of the course, students have an opportunity to gain valuable and extensive experience across a range of teaching and learning activities, including observation of practice, peer teaching, team teaching and online pedagogies. Students are supported throughout their initial teacher education by experienced placement tutors and school-based post-primary teachers, known as "Treoraithe". Professional placement also enables student teachers to learn about and become part of the wider school community and students are actively encouraged to engage in activities, initiatives and work outside the classroom. There is a specific focus on this aspect of school life during the Context and Engagement periods, which Year 2, Year 3, and Year 4 students must complete when post-primary schools reopen in August and before the beginning of semester 1 lectures each year.

Languages

There is a shortage of language teachers in the post-primary sector at present and graduates of this course will be highly sought after. The course will enable you to reach a high standard of competence in Gaeilge and your chosen language so that you will be a confident and effective language teacher. You will have the opportunity to undertake an internship in the Gaeltacht and the second half of Year 3 will be spent in a country where French, German or Spanish is spoken. As well as learning the languages to a high level, you will study a wide range of literature and become familiar with the vital characteristics and contexts of drama, poetry, film and fiction. You will study modules in applied linguistics, i.e. how to teach languages and how languages are learned. There will be modules on how to assess language learners and how to teach students with different learning needs.

What Will I Study?

Year 1
Education Theories 1 | Introduction to the Study of Language | Cúrsa Teanga 1 | Filíocht na Gaeilge | Assessment, Learning and Teaching | History of Irish Education and Current Issues | Professional Preparation and Placement 1 | Introduction to Applied Linguistics

– French Language 3 or German Language 3 or Spanish Language 3

– French Society and Literature or German Society and Literature or Spanish Society and Literature

Year 2
Digital Media and Language Learning | Language Pedagogy (Irish, French/German/Spanish) (taught through the medium of Irish) | Introduction to Inclusive Education | Cúrsa Teanga 2 | Drámaíocht agus Scannánaíocht | Assessing Language Learning | Professional Preparation and Placement 2 | Online Pedagogies

– French Language and Culture 2 or German Language and Culture 2 or Spanish Language and Culture 2

– French Literature and Visual Studies or German Literature and Visual Studies or Spanish Literature and Visual Studies

Year 3
Curriculum, Policy and Assessment | Feasacht agus Fóineolaíocht na Gaeilge | An Ghaeilge Fheidhmeach | Prós na Gaeilge 1 | Professional Preparation and Placement 3

Memory and Identity; German Culture, Literature and Film, Latin America: Society, Literature and Culture

– French Language, Culture and Text or German Language, Culture and Text or Spanish Language, Culture and Text

– Foundation, Professional and Pedagogical Studies (FPP) modules delivered through the target language as part of a semester abroad in a country where French, German or Spanish is spoken

Year 4
Research Project | Education Theories 2 (Advanced) | Cúrsa Teanga 3 | Prós na Gaeilge 2 | Professional Preparation and Placement 4

– French for Teaching Purposes or German for Teaching Purposes orSpanish for Teaching Purposes

CAO code
DC013

Years
4

Min points
442

Places
35

QQI FET
No

Future Careers
→ Post-Primary Teacher (Gaeilge and French/German/Spanish)
→ Principal
→ Educational Leadership
→ Educational Administrator
→ Translator
→ Interpreter
→ Consultant
→ Broadcaster
→ Journalist
→ Lecturer
→ The Arts
→ Poetry
→ Literature

In These Areas
→ Post-Primary Schools
→ Government Departments
→ Private Sector
→ European Union Agencies
→ Media
→ Culture and Heritage
→ Universities

Bachelor of Education in Technology, Engineering and Graphics

Post-Primary Teaching: Design, technology and engineering champions shaping post-primary teaching and learning for the future

Why DCU?

- Centre of excellence in teacher education, with extensive experience in helping students become professionally qualified educators

- Front runners in innovation and research on education, with many internationally recognised experts in teaching, learning and assessment

- Only provider of a teacher education course specialising in technology, engineering, and design and communication graphics, east of the Shannon

- Opportunity to engage in paid industry internships in the Summer of Year 3

- Advances the creation of just, equitable and sustainable futures for all

About You

Are you a change-maker, interested in shaping teaching and learning for the future? Are you interested in supporting learners to achieve their potential? Are you passionate about designing and innovating, and in coming up with creative solutions for societal and industry challenges? Can you imagine multiple possibilities for our shared futures? If so, this course is for you!

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: a minimum of O3 or H7 in Mathematics.

Garda Vetting

Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding: Technology, Engineering and Graphics – Post Primary Education

The Bachelor of Education in Technology, Engineering and Graphics will be delivered through an innovative partnership across 2 Irish Universities, Dublin City University (DCU) and Technological University of the Shannon (TUS). You will undertake Years 1 and 2 of study at the TUS Athlone campus, and Years 3 and 4 in the DCU Institute of Education.

This Post-Primary Teacher Education degree is a 'concurrent' teacher education course - meaning that the academic and professional formation of the teacher is integrated in all 4 years.

This course will qualify you to teach Technology, Engineering, and Design and Communication Graphics subjects in post-primary schools. Currently, there is a shortage of educators across these subject areas so graduates of this course will be highly sought after. The unique approach taken in this course will enable you to become a confident and innovative technology education teacher.

Course Structure

Across the 4 years of this course, you will gradually develop the knowledge, skills and competencies to become a passionate teacher and advocate for the Technology, Engineering, and Design and Communications Graphics subject areas. In Years 1 and 2, you will develop deep knowledge of and mastery in the design, implementation and evaluation processes associated with the Technology, Engineering, and Design and Communications Graphics subject areas. In Years 3 and 4, the focus will be on enhancing your understanding of teaching and learning, and honing your skills and practice as a teacher through sustained engagement in post-primary school settings.

Throughout the delivery of this course, you will experience a student-friendly, supportive, open, dynamic and practical approach to the study of education.

Foundational and Professional Studies in Education

Given its diverse nature, the study of technology education is exciting, engaging, and challenging – as reflected in the variety of modules on offer over the course of your 4 years. These include modules on philosophy, sociology, psychology, history of education, teaching methodologies, alongside the subject modules of technology, engineering and design and communication graphics.

Technology, Engineering, Design and Communication Graphics

Over the 4 years of the course, you will develop your professional knowledge and practice in how to teach technology, engineering and design and communication graphics. You will develop important competencies in these subject domains, in areas such as computer-aided design and mechatronics. In addition to this, you will be provided with the opportunity to engage in international mobility to another country or a STEM industry placement where adaptive expertise will be further developed.

School Placement

One of the most exciting and rewarding elements of the course is our hands-on approach to school placement. Across the 4 years, you will have an opportunity to gain valuable and extensive experience in a range of teaching and learning environments including engagement in observation of practice, micro-teaching, peer-teaching, team-teaching and school-based placement (in the post-primary sector). In Year 3, the school placement component of this course will enable you to learn about and get involved with the wider school community through engaging with activities,

initiatives and work outside of classroom teaching. You will enjoy strong support throughout your professional development by experienced school placement tutors and school-based cooperating teachers.

What Will I Study?

Year 1 (Students based on TUS Campus, Athlone)
Education Theories 1 | Graphics 1 (Plane Geometry) | Models and Modelling | Materials and Processing Technology | Electronics | History of Education in Ireland | Graphics 2 - Descriptive Geometry | Graphicacy and Modelling | Mechanics and Process Technology | Applied Control

Year 2 (Students based on TUS Campus, Athlone)
Technology Subjects Pedagogy 1 | Graphics 3 - Advanced Geometry | Design Learning | Thermal Manufacturing Technology | ICT and Connected Devices | Microteaching and Teaching Preparation | Graphics 4 - Applied Geometry | Design Realisation | Manufacturing Technology (CAE) | Manufacturing Systems

Year 3 (Students based on DCU Campus, Dublin)
Education Theories 2 (Psychology, Philosophy and Sociology) | Introduction to Inclusive Education | Education for Sustainable Development and Global Citizenship | Technology Subject Pedagogy 2 | Process Design (Teacher Education) | Developing a Research Perspective | School Placement

Year 4 (Students based on DCU Campus, Dublin)
Curriculum, Policy and Assessment | Teacher Studies and Teacher as Professional | Technology Teacher Education Capstone Project | Extended Research Project | Advanced School Placement

CAO code
DC015

Years
4

Min points
409

Places
30

QQI FET
Yes

Future Careers
→ Post-Primary Teacher
→ Further Education
→ Media and Communications
→ Learning Design Specialists

In These Areas
→ Vocational School
→ Secondary School
→ Community School
→ Comprehensive School
→ Industry
→ Media
→ Government and Non-Governmental Organisations

BSc in Science and Mathematics Education
Post-Primary Teaching: Be part of the next generation of inspiring post primary science teachers

Why DCU?

– Graduates obtain an Honours teaching qualification recognised by the Teaching Council of Ireland – a direct route into post-primary teaching

– Teacher education modules run concurrently with science, mathematics and information technology modules, plus school-based placements in Years 3 and 4

– You will be qualified to teach Mathematics and either Chemistry or Physics to Leaving Certificate level and Mathematics and Science to Junior Certificate level

– Strong STEM background for alternative careers

About You

Are you enthusiastic about science and mathematics? Do you wish to share your enthusiasm with young people through a career in teaching? If you are interested in teaching future generations of business people, scientists, engineers and technologists then this course is the place to start.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O1 or H6 in Mathematics PLUS minimum of O4 or H6 in one of Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science.

Garda Vetting

Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding: Science and Mathematics Education

Mathematics, science and information technology play vital roles in our day-to-day lives, so having an understanding of these subjects is important for everyone. As a science/mathematics teacher, you will develop your students' understanding of the world in which we live and you will educate future generations of business people, scientists, engineers and technologists. You will help young minds develop and prepare them for an increasingly technological and information-based future.

You will also play a vital role in Ireland's reputation as a pioneer in scientific research and education by teaching subjects that will be central to developing a scientifically, mathematically, and technologically literate citizenry and a sustainable and successful future for the country. Science and Mathematics Education will give you a teaching qualification with a specialisation in 2 of chemistry, physics and mathematics, and strong elements of information and communication technology (ICT).

Teachers with this degree are highly skilled, motivated and are highly sought after in the second-level education system.

Course Structure

At the beginning of the course, you will choose from one of 2 pathways, which you will follow throughout the 4 years of the degree:

– Physics and Mathematics

– Chemistry and Mathematics

You will be qualified to teach both of your 2 speciality subjects to Higher Leaving Certificate level. In Years 1 and 2, many of the science and mathematics modules will be taken in common with other Year 1 science students but you will also take modules in these disciplines that are specially designed for student teachers. There are also further specialist modules in education.

Years 2 to 4 build on this content, and in Years 3 and 4 you will complete an action-based education research project as well as projects in chemistry/physics.

You will study a variety of topics in education over the duration of the course, from the history, philosophy and psychology of education to curriculum development and digital learning. There will be a particular focus on the teaching of science and mathematics, not only in the modules dedicated to teaching preparation but also embedded within a number of chemistry, physics and mathematics modules.

School Placement

Over the 4 years of the course you will have various opportunities to gain valuable teaching experience in a range of settings such as micro-teaching, peer-teaching, observation in schools and school-based teaching. These will allow you to practise and develop the teaching skills you have learnt in the course. By engaging in micro-teaching in Years 1 and 2, you will design, plan, teach and receive feedback on micro-lessons. In Year 3, you will spend 8 weeks in post-primary schools taking classes up to Junior Certificate level. Finally, all of the second semester in Year 4 is spent taking both junior and senior cycle classes in your chosen subjects.

You will enjoy strong support from DCU throughout your school placements, making it easier to go from being a student to professional teaching.

Additional Information
This course will enable you to register with the Teaching Council of Ireland on graduation (see page 188 for further information. Upon graduation you can apply for employment as a post-primary teacher of physics/mathematics or chemistry/mathematics.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC203

What Will I Study?

Year 1
Microteaching and Teaching Preparation | Irish Education | Calculus | Linear Algebra | Mathematical Thinking

Year 1 Options
Chemistry: Introductory Chemistry | Fundamental Concepts for Chemistry Education | Chemistry Laboratory | Interdisciplinary Science
Physics: Light and Optics | Motion and Energy | Electricity and Magnetism | The Universe | Physics Laboratory

Year 2
Microteaching and Teaching Preparation | Developmental Psychology | Geometry | Probability and Statistics | Calculus of Several Variables | Differential Equations

Year 2 Options
Chemistry: Spectroscopy and Physical Chemistry | Organic Chemistry | Inorganic Chemistry | Kinetics and Thermodynamics | Chemistry Laboratory
Physics: Quantum Physics | Nuclear Physics and Relativity | Solid State Physics | Properties of Matter | Physics Laboratory

Year 3
Teaching and Assessing Junior Cycle Science and Mathematics | ICT Teaching Strategies and Professional Preparation | Philosophical Perspectives on Education | Equality in Education | School Placement | Discrete Mathematics | Analysis

Year 3 Options
Chemistry: Analytical Techniques and Research Project | Chemistry Topics through Laboratory
Physics: Electronics for Science Teachers | Physics Laboratory and Research Project

Year 4
Curriculum Development and Evaluation | Teaching in Online Learning Environment | Diversity and Inclusion | School Placement | Research Project| Abstract Algebra | Teaching and Assessing Senior Cycle Mathematics

Year 4 Options
Chemistry: Teaching and Assessing Senior Cycle Chemistry
Physics: Teaching and Assessing Senior Cycle Physics

CAO code
DC203

Years
4

Min points
434

Places
30

QQI FET
Yes

Future Careers
→ Teaching
→ Technical Training in Science-based Industries
→ Project Management
→ Management Research

In These Areas
→ Industry
→ Vocational School
→ Secondary School
→ Community School
→ Comprehensive School

BSc in Education and Training
Gain knowledge, skills and expertise in all aspects of education, teaching and training

Why DCU?
– Offered over 3 or 4 years, qualify as a teacher for Further Education and Training (FET) after 4 years

– Join thousands of successful graduates working in education and training in Ireland and across the world

– Develop and progress your skills in a course that blends education and training

– Diversify your future career prospects

– Experience personal and professional development over the course of your study

About You
Do you enjoy the challenge of working closely with people in a range of settings and helping them to progress their knowledge, skills and attitudes? If you are interested in how people learn and you want to understand how to use your own knowledge and skills to teach or train them, then the BSc in Education and Training is the ideal course. We will help you gain a wide range of skills and develop an enlightened learner centred approach to teaching, learning and assessment.

Additional Requirements
The general entry requirements for admission to the University apply (see page 174).

Garda Vetting
Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Understanding: Education and Training
There is a strong demand for educators and trainers across Ireland from community based education to education and training programmes to QQI FET courses and corporate and business training.

There are always people who want and need to learn. This course will give you the skills, knowledge and expertise to develop and hone those skills by:

– Developing your understanding of all aspects of education and training in both formal and informal sectors (adult education, community education and workplace education and training) as they have evolved in the social and historical context in Ireland

– Exploring key theories in education, psychology, sociology and philosophy

– Providing you with the practical skills and theoretical understanding necessary to deliver high-quality education and training

– Applying theory and skills from entrepreneurship, sustainable development, Technology Enhanced Learning (TEL) and Universal Design for Learning (UDL) to your own practice

– Enhancing your abilities to communicate effectively as a teacher

You can complete the BSc in Education in Training in 3 years or can move to the 4 year BSc in Education and Training (Further, Adult and Continuing Education strand) after year 2. Students on the 4 year course undertake a placement year in Year 3 and are eligible to register with the Teaching Council of Ireland as a teacher in Further Education and Training (FET) upon successful completion of the course.

Foundation Programme in Education and Training:
Students undertaking a specific Quality and Qualifications Ireland (QQI FET) approved course in Education and Training in designated further education centres may take the degree on successful completion of a course of study jointly delivered by DCU and the designated centres (see page 132 for further details).

Course Structure
Your degree course focuses on the development of specialist knowledge and skills in the areas of:

– Social and personal development

– Practice-based teaching and learning

– Curriculum design, implementation, assessment and evaluation, and instructional design

– Interpersonal communications and education for multicultural and diverse societies

– Information and communication technology (ICT) through learner centred approaches and Technology Enhanced Learning (TEL) in education and training settings

– Entrepreneurship and leadership in education and training

– Information and communication technology for education and training

– Policy and practice in education and training contexts

Optional Year
At the end of Year 2 of the BSc in Education and Training course, you may choose to either progress directly into the final year or to register for an optional extra year of placement in further education and training (FET), after which you will complete your final year.

Students who complete the 4 year course will be awarded the BSc in Education and Training and will be recognised by the Teaching Council of Ireland as qualified teachers of further education and training (FET).

What Will I Study?

Year 1
Academic Writing and Reading | Curriculum Development | Education for Sustainable Development | Lifespan Development | Social and Personal Development with Communication Skills | Human Development - Power and Politics | Concepts and Contexts in Education and Training | Micro-teaching and Teaching Preparation | Citizenship, Diversity and Inclusion | Teaching in Online and Blended Learning Environments | Entrepreneurship in Education and Training

Year 2
Assessment and Feedback | Advanced Teaching Strategies | Professional Skills and Practice | Psychology of Individual Difference and Diversity | Designing Instruction for the Training Environment | Mediation Skills for the Learning Context | Reflective Work-Based Practice | Policy and Structures in Education and Training

Optional Year 3
Practical Teaching Placement | Professional Development | Reflective Practice

Final Year
Values, Identity and Intercultural Learning | Human Resources and Training in a Globalised World | Equality, Access and Inclusion | Developing a Research Perspective | Project 1 | Professional Development and Lifelong Learning | Leadership and the Learning Organisation | Creating Learning Environments Using ICT | Research Project 2 | Philosophical Perspectives on Education | Sociology of Education a nd Training

Optional Modules
Uaneen Award: DCU's Leadership and Engagement Module

The Teaching Council of Ireland requires those who want to register as teachers in further education to have a primary degree and a qualification in teaching for Further Education and Training (FET). The 4 year BSc in Education and Training is regarded as a concurrent teacher qualification and will enable you to register on graduation as a teacher in Further Education and Training (FET) with the Teaching Council of Ireland.

CAO code
DC235

Years
3 or 4

Min points
336

Places
35

QQI FET
Yes

Future Careers
→ Education
→ Training

In These Areas
→ Community Education
→ Adult Education
→ Public Sector
→ Private Sector

Foundation Programme in Education and Training (FPET) - QQI/FET Level 5 and QQI/FET Level 8 Modules
Take the first step to a university degree

Why DCU?

- The Foundation Programme offers an accelerated route into higher education

- You will be provided with a bridge between further education and higher education

- The adult learning approach is suited to mature students

- If you decide not to proceed to DCU after the course, you still gain a recognised full FET Level 5 qualification

- By completing this course you gain exemption from two NFQ Level 8 modules in Year 1 of the BSc in Education and Training

About You

Do you like the challenge of gaining new knowledge and skills, and of working closely with people and helping them learn? If you are interested in how people learn and you want to understand how to use your own knowledge to train or teach others in a range of settings?

- Have you recently completed your Leaving Certificate and want to go to university but cannot transfer directly based on your results?

- Have you completed your Leaving Certificate in the last few years but chosen not to go to university?

- Are you a mature student (aged 23 years or more) who has always wanted to go on to further study but does not know how to take that first step?

- Have you studied on a further education course and now wish to go on to higher education?

If you answer yes to any of these questions, the Foundation Programme is for you.

Mature Students

In the case of mature applicants, we take into consideration other experience apart from performance in examinations – this may be work experience, further studies or other relevant experience.

We assess your case based on the details you supply in your application. In most cases you will be called for an interview conducted jointly by Whitehall College of Further Education and DCU.

DCU and Whitehall College select students on the basis of merit and are committed to equality of opportunity. We especially welcome applications from minority groups, as they are under-represented in third-level education. Members of the Travelling community, people with disabilities, people of ethnic minority and others with the skills and knowledge to work with groups from diverse backgrounds are especially welcome.

How to Apply

Apply for this course directly to Whitehall College of Further Education.

See whitehallcollege.com
OR
Contact Whitehall College
T +353 (0) 1 837 6011 or
+353 (0) 1 837 6012
E whitehallcollege.com/contact-us

Understanding: Foundation Programme in Education and Training

The ability to teach and train other people is a vital asset that affects organisations and entire communities. Everywhere there are people who need and want to learn. If you are interested in teaching and training, then this course will help you to develop your skills. It will also create many opportunities by:

- Developing your understanding of all aspects of education and training, in both formal and informal sectors (adult education, community education and workplace education and training), as they have evolved in Ireland's social and historical context

- Explaining the key theories underpinning education, community development and organisational learning

- Providing you with the practical skills and theoretical understanding necessary to deliver high-quality education and training

Garda Vetting

Garda vetting has been introduced for students who have unsupervised access to children and vulnerable adults as part of their studies at DCU. You must successfully pass the Garda vetting process in order to complete the process of registration.

Course Structure

This 1 year course offers modules at Quality and Qualifications Ireland (QQI FET) Level 5, including 2modules at NFQ Level 8 which form part of the undergraduate degree in Education and Training (see page 130). You will attend DCU for one day per week each semester, so you will get to know the campus and enjoy the full university experience.

If you successfully complete both the course and the Level 5 Certificate in Education and Training (5M3635) in Whitehall College of Further Education, you may be eligible to progress to Year 1 of the full-time BSc in Education and Training course in DCU. However, this is dependent on passing the Foundation Programme and Level 5 Certificate with at least an overall merit.

Between DCU and Whitehall you will cover:

– Communications

– Concepts in Education and Training

– Interpersonal and Group Behaviour

– Personal and Professional Development

– Approaches to Early Childhood Education

– Social Studies

– Legal Practice and Procedures

– Word Processing

– Concepts and Contexts in Education and Training (DCU component)

– Social and Personal Development and Communication Skills (DCU component)

What Will I Study?

In addition to the core modules on your QQI/FET Level 5 course, you will study the following modules at DCU:

– Concepts and Contexts in Education and Training

– Social and Personal Development with Communication Skills

Years
1

Location

Whitehall College of Further Education and DCU Institute of Education, St Patrick's Campus, Drumcondra

Future Careers
→ Education
→ Training

In These Areas
→ Pre-school
→ Further Education and Training
→ Community Education
→ Adult Education
→ Public Sector
→ Private Sector
→ Training
→ Instructional Design
→ Curriculum and Training Design

Follow us

✕   @humanitiesDCU

Faculty of Humanities and Social Sciences

The Faculty of Humanities and Social Sciences is DCU's largest faculty. We are recognised for our excellent courses and innovative teaching methods. In fact, DCU is now ranked number one in Ireland for Communications, joint number one nationally for Linguistics in Arts & Humanities subjects such as History, Philosophy, Theology, Languages and Linguistics we ranked in the world's top 250.

We offer an exciting range of courses, including long-established subjects like Media Studies, Translation Studies, International Relations and Climate and Environmental Sustainability. We create a supportive, innovative environment, in which staff are responsive to students' learning needs both in classroom contexts and in individual advice sessions.

No matter which course you choose, you will graduate from the Faculty of Humanities and Social Sciences with a deep knowledge of your subject, as well as excellent transferable skills, which are extremely attractive for today's employers.

Bachelors of Arts: Joint Honours
Study what you love and develop essential transferable career skills with a Joint Honours degree

Why DCU?
– Be part of a close-knit community where you will feel very much at home

– Discover a large, exciting choice of subjects

– Engage with internationally recognised lecturers in their area of expertise

– Become an independent and creative thinker

– Enjoy the opportunity to study abroad at one of our international partner institutions or undertake a paid work placement (INTRA) in Year 3

About You
Ever wanted to know how the world around you has been shaped and how it really works? If you have an interest in today's world and modern society, this course will certainly appeal to you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), specific entry requirements apply to certain subjects (see page 185).

Understanding:
Bachelor of Arts: Joint Honours
This degree draws on DCU strengths in Humanities and Social Sciences while allowing you study 2 subjects equally to degree level and graduate with one combined degree qualification. Joint Honours degrees are also known as Dual Honours and Double Majors. We offer 5 degree streams as follows:

– Humanities (DC009)
– Media Studies (DC291)
– Law (DC292)
– International Languages (DC293)
– Politics (DC295)

You can choose your subject of interest and pair it with another subject from within the same group - eg if you have an interest in Media Studies you choose DC291 and pair it with 1 from English, International Languages or Politics

No matter which subject you choose, you will have an opportunity to gain an in-depth knowledge and understanding in your 2 subjects. You will study a mix of core and optional modules which means you will have even more opportunity to tailor your degree to suit your interest and goals. Each degree stream offers a particular selection of subjects designed to equip you with essential knowledge and skills in that area.

The following subjects are offered on the Bachelor of Arts: Joint Honours Degree.

– English (DC009 & DC291)
– Gaeilge (DC009 & DC293)
– Geography (DC009 & DC295)
– History (DC009, DC292 & DC295)
– Human Development (DC009 only)
– International Languages (DC291 & DC293) (French, German, Spanish)
– Law (DC292 & DC295)
– Media Studies (DC291 & DC292)
– Music (DC009 only)
– Philosophy (DC009 only)
– Politics (DC291, DC293 & DC295)
– World Religions and Theology (DC009 & DC295)

Each subject area provides the opportunity to gain an in-depth knowledge and understanding of a particular academic discipline (see pages 138-145 for an explanation of each subject area).

This degree will prepare you for a variety of careers while also providing a solid foundation for further study at postgraduate level.

Course Structure
– **English**
 You will study a wide range of literature and become familiar with the vital characteristics and contexts of drama, poetry, film and fiction

– **Gaeilge**
 You will develop and enhance your language skills as well as learning about Irish literature, culture and tradition and a range of modern digital approaches to the study of Gaeilge

– **Geography**
 You will examine human activity, human-environment relations and physical environments at a variety of scales, from local to global

– **History**
 You will explore how human beings conduct themselves, grounded on a close examination of how they have behaved in the past in all parts of the world but with a particular emphasis on Ireland

– **Human Development (DC009 only)**
 You will develop an understanding of human needs and capacities at crucial stages of development through your studies of Psychology, Sociology and Philosophy

– **International Languages**
 (French, German, Spanish) You will acquire proficiency in your chosen language and learn about culture, film, literary traditions and intercultural communication

– **Law**
 You will learn about constitutional and criminal law; property and European law; and the law of evidence

– **Media Studies**
 You will learn about communication theory, the history of the media, film theory, and press and public relations; and develop a thorough understanding of the role media play in society

– **Music (DC009 only)**
 You will explore a broad range of musicological topics and approaches; and further develop your musicality through performance and composition

– **Philosophy (DC009 only)**
 You will critically consider a range of questions about issues such as truth, beauty, value, knowledge and the nature of reality; and enhance your skills in clear analysis and rigorous argument

– **Politics**
  You will learn about Irish, European
  and American political systems,
  international relations and the
  politics of the United Nations

– **World Religions and Theology**
  You will closely analyse ancient and
  modern texts, explore ethical issues,
  and develop insights into cultural
  and religious diversity as part of
  the academic study of religion

You will study your 2 chosen subjects
through seminars, lectures, workshops,
tutorials, small group settings and some
online learning, so you will have lots of
opportunities to get to know your fellow
students. As you progress through
the course, you will develop excellent
research, writing and presentation skills.

Humanities (DC009)
Select two subjects:
Up to two permitted from
English and Gaeilge

One permitted from Human
Development | Philosophy

One permitted from History | Music

One permitted from Geography |
World Religions and Theology

Media Studies (DC291)
**Select Media Studies + one other
subject from:**
English | International Languages | Politics

Law (DC292)
Select Law + one other subject from:
History | International Languages |
Media Studies

International Languages (DC293)
**Select International Languages +
one other subject from:**
Gaeilge | Politics

Politics (DC295)
Select Politics + one other subject from:
Geography | History | Law |
World Religions and Theology

Study Abroad
Most subjects will offer you the option to
study abroad for a year. Please note the
study abroad option is offered on merit
and you will need to fulfil certain criteria to
undertake it. For more information, please
visit dcu.ie/placement/study-overseas.

INTRA
You can opt to apply for a year-long work
placement in Year 3. Giving you a unique
opportunity to enhance your CV, increase
your employability and experience the
relevance of your study in the real world.
This option is competitive and subject to
the availability of placements. For more
information, please visit dcu.ie/intra

Additional Notes
– Subjects are studied for 3 or 4
  years depending on whether you
  choose to study abroad for a year or
  participate in INTRA programme

– Gaeilge is offered at intermediate
  level (and normally requires Leaving
  Certificate grade H4 or above)

– International Languages includes:
  French, German or Spanish (all
  starting at intermediate level only,
  and normally requires Leaving
  Certificate grade H4 or above)

– Entry to Music is subject to a written
  advisory test to be administered
  in the first week of term

Future Study
Having completed the Bachelor of
Arts: Joint Honours degree, you will be
eligible to take a Masters degree in one
of the subjects studied or undertake a
Masters degree in related fields such
as education, international relations,
translation, journalism, advertising, public
relations, conducting, environmental
science or film and television production.

CAO code
DC009

Years
3 or 4
(depending on
optional year abroad
or INTRA)

Min points
360

Places
275

QQI FET
Yes

CAO code
**DC291, DC292
DC293, DC295**

Years
3 or 4
(depending on
optional year abroad
or INTRA)

Min points

**DC291 368
DC292 379
DC293 392
DC295 357**

Places
203

QQI FET
Yes

Bachelor of Arts : Joint Honours
Modules on offer in each Bachelor of Arts: Joint Honours subject

English
Why is this subject for me?

Stories are fundamental to humanity, connecting individuals and communities, dreams and realities. They let us imagine possibilities for living that we may never encounter in real life. Studying English Literature provides you with the skills to think creatively and intelligently about this complex but thrilling phenomenon. You will explore and enjoy the diversity of interpretative approaches available to you as a reader of literature, becoming knowledgeable about the interplay of texts and traditions, and confident in your critical independence. You will engage with a wide range of literature and become familiar with the vital characteristics and contexts of drama, poetry, film and fiction. You will have the opportunity to take classes in creative writing. You will study style and substance: what literature describes, and also how it does it. From the origins of tragedy and comedy in Ancient Greece through Shakespeare and Joyce to the hybrid texts, digital poems and video games of the 21st century, literature is a story that has no end in sight.

What Will I Study?

Year 1

Introduction to Fiction: Short Story and Novel | English Study Skills, Creativity, and Theoretical Contexts | Genre: The Tragedy-Comedy Complex | Poetry: How and Why to Read It | Modern European and American Drama | Literature and Value: What Makes Great Books Great

Year 2

Shakespeare and the English Renaissance | Gender and Sexuality | Romanticism: Innocence and Experience | Creative Writing | 19th Century Literature | Modernism and Postmodernism | Empire Writing and Postcolonial Literatures | Creative Writing Fundamentals: Craft and Technique

Optional Study Abroad / INTRA

Final Year

Research Seminar | Poetry in Public | Irish Writing: Then and Now, Local and Global | Staging Ireland: A History of Irish Theatre | Here be Dragons Children's and Young Adults Literature | Advanced Creative Writing

Future Career

English offers access to many areas of employment. Our graduates have gone on to pursue careers in journalism, public service, creative writing, public relations, media, research, law, communications, publishing, management consultancy, arts administration, politics, heritage and tourism as well as in teaching.

Gaeilge
Cén fáth a bhfeilfeadh an t-ábhar seo domsa?

Agus tú ag déanamh staidéir ar an nGaeilge in DCU foghlaimeoidh tú réimse scileanna i dtimpeallacht nuálach dhinimiciúil. Léachtóirí agus taighdeoirí tiomanta fuinniúla a bhfuil an-taithí acu a bheidh i mbun teagaisc. Daoine iad a bhfuil an dúspéis acu sa litríocht, i léann an chultúir, agus san aistriúchán mar uirlisí oideachasúla chomh maith.

Beidh tú in ann do chuid scileanna praiticiúla teanga a fhorbairt agus a stór eolais a leathnú maidir leis an nGaeilge féin agus lena litríocht, cultúr agus traidisiún. Cuirfear béim sna seimineáir theanga ar éisteacht, labhairt, léamh agus scríobh na Gaeilge. Gheobhaidh tú cleachtadh ar an teanga sna modúil éagsúla freisin, is é sin ó bheith ag éisteacht le Gaeilge, ag léamh téacsanna, agus ag scríobh aistí. Déanfaidh tú forbairt ar do chumas anailíse agus critice trí bheith ag plé le téacsanna agus le hacmhainní éagsúla, acmhainnl ar líne ina measc.

Why is this subject for me?

You will explore many aspects of the Irish language in an innovative and dynamic environment. You will be taught by experienced, committed and enthusiastic teachers and researchers, who embrace areas such as literature, cultural studies, literature and translation as instructional tools.

The Irish-language modules offered on this course will allow you to develop their practical language skills and to broaden their knowledge of the Irish language and its literature, culture and traditions. The various modules on offer will also help you to enhance your language competence. These modules will focus primarily on improving analytical and critical skills, on increasing familiarity with sources of information and on works of reference about Irish. You will further develop the research and writing techniques that are necessary for further study or for positions where Irish is used in the workplace.

Cé na hábhair staidéir a bheidh agam?

Bliain 1

Cúrsa Teanga 1 | An Nuafhilíocht agus na hAmhráin | Scéal na Gaeilge | Meáin Chumarsáide na Gaeilge | An Scéalaíocht Thraidisiúnta agus an Gearrscéal

Bliain 2

[Modúil roghnacha cuid acu seo le gur féidir leat na cinn is mó is spéis leat a roghnú.]
Cúrsa Teanga 2 | An Béaloideas | An Nuafhilíocht 2 | Aistriúchán agus Eagarthóireacht | Litríocht an 17ú agus an 18ú haois | Ainmeolaíocht naGaeilge | Teangeolaíocht na Gaeilge

Staidéar Thar Lár/INTRA

Bliain 3

[Modúil roghnacha cuid acu seo le gur féidir leat na cinn is mó is spéis leat a roghnú.]
Cúrsa Teanga 3 | An Cúrsa Taighde | Athbheochan agus Athnuachan | Nuaphrós na Gaeilge | An tSochtheangeolaíocht | Téarmeolaíocht na Gaeilge

Deiseanna Gairme

Tá ardú ar an éileamh ar dhaoine le scileanna teanga sa Ghaeilge ó tháinig Acht na dTeangacha Oifigiúla (2003) i bhfeidhm agus ós teanga oibre de chuid an Aontais Eorpaigh í an Ghaeilge anois. Beidh céimithe Fiontar & Scoil na Gaeilge ullmhaithe go maith le freastal ar an éileamh sin. Feilfidh an chéim seo duit, freisin, má tá spéis agat sa mhúinteoireacht iar-bunscoile nó comhlíontar riachtanais reatha na Comhairle Múinteoireachta don Ghaeilge mar ábhar teagaisc inti agus tá an Chomhairle tar éis céimithe dár gcuid a chlárú cheana féin ar bhonn aonair. Leis na scileanna eile a bheidh agat beidh tú in ann plé le gairmeacha i réimsí éagsúla e.g. earnáil na Gaeilge, an irisireoireacht, an chraoltóireacht, cúrsaí riaracháin, agus cúrsaí bainistíochta.

Future Career

With the implementation of the Official Languages Act and the granting of status to Irish as an official working language of the European Union, demand has risen for people with Irish language skills. Graduates of Fiontar & Scoil na Gaeilge will be well placed to meet this demand. This degree will suit you if you wish to pursue a teaching career, as it complies with current Teaching Council of Ireland requirements for teaching Irish at post primary level. Other career options include the Irish language sector, journalism, broadcasting, administration and management.

Geography

Why is this subject for me?

Geography is all around us and this course will take you on a geographical journey that is informed by what is happening in today's world. You will examine human activity, human-environment relations and physical environments at a variety of scales, from the local to the global. You will also apply your learning and come to a better understanding of your environment through fieldwork and practical classes. Geography is a key analytical discipline that bridges the social and physical sciences and the humanities. It strives to contribute in a meaningful way to society and to address issues and problems of broad concern to humanity. Throughout your course, you will study people and environments in the context of a rapidly changing and increasingly interconnected world. There is an emphasis on 'real-world' engagement and understanding. Geographers are much sought after by employers because of their analytical and practical skills, their exposure to diverse perspectives and their flexible but solidly based training.

What Will I Study?

Year 1

Geographical Fieldwork and Observation Skills | Introduction to Human Geography | Hazardous Earth | Ireland in Europe and the Wider World | Global Climates | Geographical Interpretation and Communication

Year 2

Evolution of Ireland's Physical Landscape | Humanitarian Action | Society, Space and Inequality | Climate Change: Causes and Consequences | Skills for Exploring Environments

Optional Study Abroad / INTRA

Final Year

[Some of these modules are optional, so you can choose what you might like to specialise in.]
Slums and Suburbs | Historical Geography | Geopolitics of the Middle East and North Africa | Children's Geographies | Becoming an Historical Geographer | Advanced Urban Geography Research Project | Political Geography: Space of Memory | Environmental Geographic Information System (GIS) | Research Skills for Catchments | Advanced Environmental Geography

Bachelor of Arts : Joint Honours
Modules on offer in each Bachelor of Arts: Joint Honours subject

Future Career
As a geography graduate you will have many potential areas of employment open to you, including planning, local/community development, environmental consultancy, housing policy, diplomatic service, regional development, humanitarian aid, public service, tourism, museum/heritage management, wildlife and nature conservation, market research and teaching.

History
Why is this subject for me?
History is an exciting subject to study at third level. It will provide you with an unrivalled opportunity to explore how human beings behave, grounded on a close examination of what they have done in all areas of the world but with a special focus on the history of Ireland from the Stone-Age to the present.

More particularly, you will study how societies are formed; how people relate; how new ideas emerge and take hold; how individuals, great and ordinary, shape and negotiate the challenges that are a constant in human life.

Our purpose is to provide you with the skills and information that will equip you to reconstruct and interpret historical events based on a close reading of historical works and the study of documents. You will also be encouraged to analyse the major themes and issues you will encounter in the course of your studies. When you successfully complete the course, you will possess the skills and qualifications necessary to pursue a variety of career pathways or further study.

What Will I Study?
Year 1
Making of Modern Ireland, 1850-1998 | Early Modern Europe, 1450-1700 | The World since 1945 | Uses and Abuses of History

Year 2
Ireland, 1690-1850 | A History of Northern Ireland | Irish Women in the Long 19th Century | Death and Disease in History | Russia's 20th Century | Political, Social and Cultural Change in 20th Century Britain | Ireland 1169-1534: Culture, Law and Society | Fact, Fiction, and European History | Exploring Irish Popular Cultures, 1800-1950

Optional Study Abroad / INTRA

Final Year
[Some of these modules are optional, so you can choose what you might like to specialise in.]
Modern Europe, 1845-1945 | Modern America, 1830-1972 | Crime and Punishment, c. 1750-1950 | Environmental History | Witch Hunting in early Modern Europe | Investigating Local History | Life in Medieval Towns: Sex, Class and Race | Public Health in Ireland, c.1850-1950 | Revolution and Civil War in Ireland, 1916-1923 | Negotiating Gender British and Irish Women 1900-1945 | Nationalism in Modern Europe Theory and Practice | Historical Sources and Approaches

Future Career
Graduates have gone on to pursue careers in teaching, journalism, public administration, business, politics, management, library work and information retrieval.

Human Development
(only offered on DC009)
Why is this subject for me?
Human Development is a unique subject which seeks to understand well-being and how humans flourish in different dimensions and at different stages of the life-span. You will be introduced to Psychology, Sociology and Philosophy. This holistic course addresses wider social, cultural, economic and political factors which enhance or endanger human well-being. There is an emphasis on the historical dimension of how people have reflected on themselves in the past, while at the same time you look at recent research and become familiar with a range of research methodologies. You will consider conflicting value orientations and discuss controversial issues concerning human behaviour and identity. The personal, reflective and creative thinking skills that you develop in this subject prepare you well for work in a changing competitive global environment. From the complementary perspectives of Psychology, Sociology and Philosophy, your course work will help you to develop a critical understanding of human needs and capacities at crucial stages of the developmental process.

What Will I Study?
Year 1
Introduction to Human Development 1 and 2 | Social and Emotional Development of the Child | Social Contexts of Childhood | Intellectual Development of the Child | Philosophy: Perspectives on Childhood

Additional Information
The degree also provides a strong
foundation for further study.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/arts

Year 2
Psychology 1: Learning and Motivation |
Recurrent Themes in the History of Ideas |
Psychology 2: Psychology of Adolescence |
Social Contexts of Adolescence | An
Introduction to Existentialist Philosophy |
Research Methods in Human Development

Optional Study Abroad / INTRA

Final Year
Research Project | Psychopathology |
Social Psychology | Counselling and
Psychotherapy | Contemporary
Challenges in Human Development |
Social Psychology | Research Methods

Future Career
Through the combination of lectures,
workshops, educational visits/trips
and tutorials offered, you will have the
opportunity to develop intellectually
and critically. Many students who
take Human Development move into
education or community-type work.
You can also choose to do further
courses in the fields of counselling,
human resources (HR) and business.
Postgraduate study in the humanities or
education has been a strong tradition
with Human Development students.

International Languages
Why are these subjects for me?
You will develop excellent communication
skills in your chosen language. You will
enjoy the profound satisfaction that being
really proficient in a foreign language
brings. You will also be able to explore the
linguistic and cultural diversity associated
with your chosen language and discover a
range of perspectives that will encourage
you to think critically about how cultures
relate to one another. You will develop
a cultural sensitivity that will help you
to negotiate increasingly multicultural
societies and workplaces. Throughout,
you will be taught by experienced,
committed and enthusiastic teachers
and researchers, who embrace areas such
as cinema, cultural studies, linguistics,
literature, translation, digital technologies
and visual arts as instructional tools.

The languages available on the
BA Joint Honours course are:

– French (intermediate level only)

– German (intermediate level only)

– Spanish (intermediate level only)

(A minimum of H4 is required
in your chosen language)

Future Career
Foreign language graduates are
consistently among the most employable
of all university graduates, and can join
a wide range of professions. Your skills
will be valued in particular in the export
sector, multinational corporations
and international organisations.
Some graduates may become career
linguists (language teachers or
language specialists of other kinds),
sometimes after further study.

This degree will suit you if you wish to
pursue a teaching career, as it complies
with current requirements set down by
the Teaching Council for teaching French,
German or Spanish at post-primary level.

French
Why is this subject for me?
Studying French will bring you on a
linguistic and cultural journey through
France and also through the different
parts of La Francophonie, the French-
speaking world that extends from Canada
through to South America, Europe,
Sub-Saharan Africa and parts of Asia
and Oceania. French, an official language
of the United Nations and several other
major international organisations, is one
of the great languages of diplomacy
and is also highly sought after in the
business world, reflecting France's status
as one of the world's largest economies.
After English, French is the most widely
taught foreign language in the world,
and France is the most visited country on
the planet, so there is never a shortage
of opportunities to use your French.

Bachelor of Arts : Joint Honours
Modules on offer in each Bachelor of Arts: Joint Honours subject

What Will I Study?

Year 1

French Language | French Society and Literature | Introduction to Translation Practice (French)

Year 2

French Language and Culture 2 | French, Visual Literature and Film Studies | French Translation Practice | Introduction to Text Analysis

Optional Study Abroad / INTRA

Final Year

French Language Skills | French Literature and Society | French Language and Contemporary Society

German

Why is this subject for me?

Studying German will take you on a linguistic and cultural journey not only through Germany, Europe's most populous country, but also the other lands where German is an official language, such as Austria and Switzerland. As German is the most widely spoken native language in Europe, and the language of one of the world's largest economies, the opportunities to use it for business and pleasure are boundless. And given their position at the centre of a Europe in flux, there has never been a more interesting time to learn about German-speaking societies.

What Will I Study?

Year 1

German Language | German Society and Literature | Introduction to Translation Practice (German)

Year 2

German Language and Culture 2 | German, Visual Literature and Film Studies | German Translation Practice | Introduction to Text Analysis

Optional Study Abroad / INTRA

Final Year

German Language Skills | German Literature and Society | German Language and Contemporary Society

Spanish

Why is this subject for me?

Studying Spanish will bring you on a linguistic and cultural journey through Spain and Latin America. After Chinese, Spanish is the second most widely spoken native language on the planet, with over 425 million native speakers worldwide. An official language of the United Nations and several other major international organisations, it is used on a world stage, and also provides a gateway to the vibrant cultures and emerging economies of Latin America.

What Will I Study?

Year 1

Spanish Language | Spanish Society and Literature | Introduction to Translation Practice (Spanish)

Year 2

Spanish Language and Culture 2 | Spanish Literature, Visual and Film Studies | Spanish Translation Practice | Introduction to Text Analysis

Optional Study Abroad / INTRA

Final Year

Spanish Language Skills | Spanish Literature and Society | Spanish Language and Contemporary Society

Law

Why is this subject for me?

Studying law will give you a clear understanding of how the legal process operates and how law influences and is influenced by a diverse range of social forces. In addition to learning core legal rules and principles, you will learn to reflect critically on how these are shaped and developed and on the role the law plays in the regulation of social systems. Through the innovative teaching and learning support provided by a committed team of lecturers, you will develop excellent research, analytical, advocacy and presentation skills.

What Will I Study?

Year 1

Constitutional Law | Introducing Law | Law of Torts | Advanced Torts

Year 2

Moot Court Advocacy and Analysis | Property Law | Company Law 1 and 2 | Advanced Property Law

Optional Study Abroad / INTRA

Final Year

The Law of Contract | Principles of Equity and Trusts | Criminal Law 1 and 2 | EU Law | Advanced EU Law

Future Career

This subject offers you a route into a legal career. If you study Law as part of your Bachelors of Arts: Joint Honours course, you will be entitled to sit the Law Society's entrance examination (FE1) to become a solicitor. Most of the subjects taken in the degree course are the same as those examined in the FE1. There is also some subject overlap with the Bar Council examinations run by the Honourable Society of King's Inns, which you must pass if you wish to pursue a career as a barrister. But before you can qualify to sit the King's Inns entrance examination, you will first need to successfully complete the King's Inns diploma course.

Studying Law on the Bachelor of Arts:
Joint Honours courses does not entitle
you to go straight to the King's Inns
entrance examination. The skills you
develop on this course will also stand
you in good stead for a range of future
careers outside the legal profession.

Media Studies
Why is this subject for me?
Media Studies will equip you with the
knowledge and theoretical foundations
required to understand and analyse the
role played by mass media in modern
society. You will learn how individuals
are shaped by culture, about the social
and economic pressures on media
organisations, and the way mass media
are used by government, corporations
and others to influence us as citizens
and as consumers. You will study how
audiences receive and interpret messages,
and about the different uses of print,
film, radio, TV and the internet. You will
engage in the current debate about how
social media may radically change the
relationship between individuals and
political-commercial power structures.

What Will I Study?
Year 1
Introduction to Media Studies | History
and Structure of the Media | Analysing
Visual Media | Cultural Studies

Year 2
Media Audiences | Media and Power |
Theorising Social Media in Everyday Life |
Social Class in the Media | Film History and
Theory | Crime Policing and the Media

Optional Study Abroad / INTRA

Final Year
Media Law | Communication Culture
and the Environment | Press and Public
Relations | Race and the Media | Science,
Technology and Society | Television Drama

Future Career
There are many exciting employment
opportunities in the public and private
sectors. These include work in media and
independent production companies,
advertising, public relations, market
research, publishing, event management,
arts administration, government
services and local administration.
The degree also provides a strong
foundation for further study.

Music (only offered on DC009)
Why is this subject for me?
This subject is designed for students
who wish to build on their knowledge
and experience of music. It takes place
in a vibrant School that performs a key
role in the cultural and social life of the
University and the wider community.

Studying music will enable you to
develop your musicality and deepen
your understanding of the subject from
a range of musicological and cultural
perspectives. You will gain knowledge and
understanding of classical, traditional,
popular and other music styles, drawing
on a range of practical, analytical and
critical approaches. You will systematically
develop your practical skills and
techniques in music writing/composition,
music listening and music technology.

You will continue studying an instrument
and/or voice throughout the course and
participate in choral and/or other group
musical activities. You will also take
modules that explore music in contexts
of human experience and culture.

Bachelor of Arts : Joint Honours
Modules on offer in each Bachelor of Arts: Joint Honours subject

What Will I Study?

The course involves core modules over each of the 3 years in music writing/composition, performance and musicology. You will also take modules in music technology, music theory, solfège/aural training, conducting, ethnomusicology and interdisciplinary music studies. During your final year you will be guided towards a dissertation based on a music topic of your choice.

Year 1
Performance/Participation in Music 1 | Composition, Theory and Applied Techniques 1 | Topics in Musicology 1 | Composition, Theory and Applied Techniques 2 | Topics in Musicology 2

Year 2
Performance/Participation in Music 2 | Composition, Theory and Applied Techniques 3 | Topics in Musicology 3 | Composition, Theory and Applied Techniques 4 | Topics in Musicology 4

Optional Study Abroad / INTRA

Final Year
[Some of these modules are optional, so you can choose what you might like to specialise in.]
Performance/Participation in Music 3 | Musicological Research | Composition, Theory and Applied Techniques 5 | Topics in Musicology 5 | Composition, Theory and Applied Techniques 6 | Topics in Musicology 6 | Choral Studies/Conducting

Future Career

Typical career opportunities for music graduates include those in broadcast and online media; arts organisations; post-primary, primary and instrumental/vocal teaching; and performing/conducting.

Philosophy (only offered on DC009)
Why is this subject for me?

Philosophy provides foundations for so many of humanity's big questions. Students of philosophy study a wide variety of foundational topics and issues, and become participants in the great adventure of human thought about, for example, the nature of the self, the status of the good, the reliability of knowledge, the best political state, or how we might understand beauty.

Historically grounded and global in extent, philosophy at DCU is also distinct for its "practical" emphasis, and focuses on important ethical and moral debates in each year of study.

What Will I Study?
Year 1
Introduction to Philosophy: Central Issues and Questions | Ethics | Reason, Argument, Analysis: Introduction to Logic | Knowledge, Belief, Scepticism: Introduction to Epistemology | Philosophy Texts 1

Year 2
Aesthetics | Metaphysics: An Historical Introduction | Philosophy of Religion | Environmental Ethics and Global Moral Issues | Philosophy Texts 2

Optional Study Abroad / INTRA

Year 3
Thesis/Dissertation | Bioethics | Topics in European Philosophy | Topics in Feminist Philosophy

Future Career
Employees value the skills in analysis and clear communication which philosophy can provide. Typical graduate career paths include: teaching, journalism, academia, public administration, public relations, arts administration, human rights bodies and legal affairs.

Politics
Why is this subject for me?
You will study areas as diverse as counter-terrorism, the European Union, the United States of America, international political economy, the Middle East and development, to name just a few. The school is a leading centre for the study of politics and international relations in Ireland, and you will benefit from the skills and experience of a dedicated, supportive and highly qualified academic team.

What Will I Study?
Year 1
Introduction to Politics | Introduction to International Relations and Security | Introduction to European Integration | Introduction to US History and Politics | Introduction to Development

Year 2
The Irish Political System | Conflict, Security and Peace | Global Political Economy | The Politics of Climate Change

Optional Study Abroad / INTRA

Final Year
Chinese Politics and Foreign Policy | Contemporary Politics of the Middle East and North Africa | Post Soviet Politics | The Politics of South Asia | Issues in American Politics | Dissertation

Future Career
Our graduates have gone on to work in international NGOs and European institutions, as well as in the public and private sectors in Ireland and abroad. Politics at DCU will equip you with the skills to become both a critically engaged citizen and an active leader in our globalised world.

Additional Information
The degree also provides a strong foundation for further study.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/arts

World Religions and Theology

Why is this subject for me?

Are you curious about investigating the significance of religion in a complex world? Are you interested in learning more about various religious traditions such as Judaism and Islam? Do you enjoy thinking about contemporary ethical dilemmas? If so, World Religions and Theology is just for you. In this subject, a variety of exciting modules cover a broad range of topics including the Hebrew, Christian and Islamic Scriptures; key thinkers in Western and Islamic philosophy; systematic theology; ethics; and world religions. You will have the opportunity to become involved with the wider community beyond the University through service-learning placements with social justice organisations, including working with people who are homeless and refugees. The study of World Religions and Theology is open to students of all backgrounds, religious and secular.

What Will I Study?

Year 1
History of Christianity | Introduction to the Jewish and Christian Scriptures | Theology: Sources, Themes, and Debates | Ethics | Introduction to Islam

Year 2
Christology: Systematic, Historical and Interreligious Perspectives | Letters of Paul | Science and Religion | Philosophy: An Historical Introduction | Liberation Theologies | Justice and Peace

Optional Study Abroad / INTRA

Final Year
Social Ethics and Service-Learning Placement | New Testament: The Gospels | Hinduism, Buddhism and Eastern Traditions | Religion: Philosophical and Sociological Approaches | World Religions

Future Career

Theology and Religious Studies graduates work in various areas of professional activity, including teaching, lecturing and adult education; pastoral work; journalism; communications; politics and social sciences; European and international religious agencies; voluntary and community organisations; social justice and human rights bodies; development work and research. Please note that in some areas a relevant postgraduate qualification may be required.

Humanities - Single Module/Diploma/Degree

Enjoy the flexibility to study at your own pace through online distance learning with an Arts Single Module and the option to pursue a Diploma or Degree in Humanities in the future

Why DCU?

– Undertake study at university level but without having to commit to a full degree right now

– Enjoy flexibility through online distance learning to study at honours degree level and at a pace that fits in with your life

– Advance your knowledge in your choice of humanities subjects - History, Philosophy, Literature and Sociology - for personal enjoyment or professional development

– Upskill in subjects recognised by the Teaching Council of Ireland

– Accumulate credits to pursue a diploma or degree in the future - the choice is yours

About You

Are you interested in advancing your knowledge in History, Philosophy, Literature or Sociology at university level and do you want the flexibility to do this at your own pace without having to commit to a full degree right now? Are you a self starter and will you be able to manage your time and commitment to the modules you choose to pursue? Do you have the ability and drive to work independently, planning your time around what's needed to study learning materials on this course? Do you understand the importance and value of active participation in tutorials with your tutors and other students? If you are a post-primary teacher, you can upskill and become registered by the Teaching Council of Ireland in relation to the teaching of History, English, CSPE and Politics and Society.

You will develop skills such as critical thinking, high quality written expression, and transferable skills such as organisation and time-management. The knowledge, abilities and skills you will develop are highly valued by employers and will also be useful

and valuable to you should you undertake any further study. Many students taking this course are existing teaching staff enhancing their teaching prospects by adding another subject to their repertoire.

Understanding the Course

The Bachelor of Arts Single Module is a great entry point to further study offering you the flexibility to learn at your own pace through online distance learning, while also having the option to pursue a diploma or degree in Humanities in the future. The Arts Single Module allows you to undertake humanities subjects at university degree level for personal enjoyment or for continual professional development purposes - but without having to commit to study towards a degree from the start. The choice is entirely up to you if you decide to finish your studies after an Arts Single Module or if you would like to continue studying and accumulate credits to build towards a Diploma in Humanities or a Bachelor of Arts Degree in Humanities.

Additionally, this course offers a great upskilling opportunity for post-primary teachers. The modules in History, Literature, Philosophy and Sociology meet the Teaching Council of Ireland criteria for general registration in relation to the teaching of History (History), English (Literature) CSPE (Sociology) Environmental and Social Studies (ESS) (History); and Politics and Society (History or Philosophy, Sociology).

Course Structure

At the beginning of the academic year, you can choose from a suite of modules in English, History, Philosophy, and Sociology. As a Bachelor of Arts Single Module student, you will have access to an array of self-study learning materials and resources, along with reading lists for required textbooks. Studying Humanities and Social Science subjects necessarily involves spending a lot of time reading academic

material. You may choose to study from a range of modules in each subject area listed below. Each of these subject areas is presented as a suite of 6 modules, which cover different aspects of that subject.

Accumulating credits

– For the Arts Single Module, you can study 1 module or a small number of modules at degree level (Level 8 on the National Framework of Qualifications). This allows you to make this course work for you and your life

– To complete the BA in Humanities you need to complete 12 modules, with at least 5 modules in 1 subject area

– Students may choose to exit with a Diploma in Humanities on completion of 8 modules

– Each module is awarded 15 European Credit Transfer System (ECTS) credit points. These points are accumulated towards the award of your degree

– 180 ECTS credit points are required for the BA in Humanities and 120 ECTS credit points are required for a Diploma in Humanities. Students have up to 8 years to accumulate these credits and exit with an award

(This course is under constant review and there may be changes to the structure, content and presentation of the course in future years. Not all modules may be offered each year.)

History

The History subject stream equips you with a wide range of skills and techniques upon which historical research and writings are based. You will engage in the critical examination of historians' works, and the evaluation of primary sources, and will acquire the conceptual tools with which our view of the past is shaped. The modules provide perspectives on major themes in Irish and European political, economic,

social and cultural history from the close of the Middle Ages to the 20th century.

Literature

The Literature subject stream equips you with the skills and techniques to discriminate between literature and other forms of writing and representation, taking account of contemporary perspectives in criticism and theory, including feminism, historicism and post-modernism. Irish, British, American and other literature in English will be evaluated in terms of their contribution to cultural formation. You will encounter competing ideas about writing and literature, within different historical and national frameworks.

Philosophy

The Philosophy subject stream engages a 2500 year tradition of philosophising, extending from 500 BC Greece right up to contemporary philosophers' influences on ethics and politics, culture and media. You are also taught to reflect personally on the issues and to think critically and independently. You will encounter the work of major philosophers in seeking to answer such existential questions as 'what is truth?', 'what is happiness and how can we find it?' and 'how should one live?' Additionally, modules will look at more specialised questions such as 'what is the nature of art?', 'how should we organise our politics and society?' and 'what can philosophy tell us about religious belief and unbelief?'

Sociology

The Sociology subject stream provides you with the techniques and skills to analyse contemporary Irish and European society, in particular the issues and problems associated with its major social institutions such as family, economy, polity, education and religion, as well as the causes and direction of social change. You will be encouraged to adopt a critical approach to explanations of contemporary social

issues offered by sociologists arguing from different sociological perspectives.

What will I study?

Please note that modules are regularly updated and therefore the content of these modules may differ from what is stated below.

History

What is History | Europe and a Wider World | Land, Politics and Society in Ireland 1790-1922 | Politics, Culture and Society in Ireland 1916-2010 | Women in Irish and European Society: 1789-1922 | Researching Local History: People, Place and Time

Literature

What is Literature | Literatures of the Twentieth Century | Literatures of the Seventeenth and Eighteenth Centuries The Renaissance | 19th Century: Romanticism to Victorianism | Contemporary and Late Twentieth Century Literature

Philosophy

What is philosophy? | What can I know? The philosophy of Knowledge | Philosophy of values: Ethics and Aesthetics Philosophy of Education: Teaching, Theory and Practice | Philosophy and Religion | Contemporary Philosophy

Sociology

Sociology Foundation Module | The Sociology of the Lifecourse | Power, Social Order, Crime Deviance, Work and Employment | Social Inequality and Intergroup Relations | Language, Culture and Society | The Sociology of Health and Illness

CAO code
DC342

NFQ
Level 8

Delivery mode
Part-time/ online

Duration
Maximum 8 years

BA in Communication Studies
People, society, media – explore the world of communications

Why DCU?

– Explore the world of communication while learning the basics of media production

– Combine a theoretical understanding of communication, media and society with best practice in media production

– The longest-running undergraduate degree of its type in Ireland, with a reputation for academic and creative excellence

– Meet teaching staff with professional experience in electronic and print media as well as in academic research

– Great career prospects in private and public communication institutions in Ireland and abroad

About You

Do you have a strong interest in people, the arts and the media? Are you creative and very curious about how the world of communications works? Do you want a degree that teaches you how to think critically about the world while also offering practice-based modules that will ensure you are a multi-skilled and flexible graduate?

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in English.

Understanding: Communications

The degree calls for the ability to work as a member of a team as well as the motivation and self-confidence to work alone.

Think of the many ways in which we communicate. We communicate with each other (interpersonal communication). Companies and public bodies use communications to operate effectively (organisational communication) and to interact with the public (public relations, advertising, information campaigns).

Then there's the media – be it news and current affairs or entertainment, communications inform and help us understand so much of what goes on around us. This course will give you a thorough understanding of the role communications play locally, nationally and internationally by teaching you how to think critically about them in their various forms. Its production-based modules will also develop your creative, analytical and problem-solving skills.

You may not know what career interests you most but the BA in Communication Studies is designed to show you the world of communications to help you decide.

Course Structure

The purpose of the course is to help you understand contemporary communication theory and practice. In other words, how communication works and how it affects daily life. The course is structured around 4 key elements:

– Foundation Modules

– Core Modules

– Production Modules

– Optional Modules

The foundation modules in Year 1 provide a basic grounding in the disciplines you will need for more advanced work in later years. Core modules in Years 2 and 3 help you develop a critical awareness of developments in the areas of communication, media and cultural studies.

The production modules develop your skills in audio, video, imaging, communication and presentation. With your optional modules, you will develop expertise in a number of key areas that reflect your particular aptitudes and aspirations. The final year written dissertation is a sole piece of original academic research carried out by all students. It is considered your capstone project that showcases all you have learned and the skills you have acquired over the course of your studies.

What Will I Study?

The following list includes core
and optional modules:

Year 1

Introduction to Communication Studies |
Introduction to Social Studies | Critical
Thinking and Independent Learning |
Analysing Media Visual Texts | Cultural
Studies | History and Structure of the
Media | Psychology, Media and Creativity
| Digital Media Production Skills

Year 2

Audio Production | Photography and
Imaging | Media Audiences | Media
Writing and Expression | Media and
Power | Analysing Advertising | Crime,
Policing and the Media | Film History
and Theory | Theorising Social Media
and Everyday Life | Sport, Media and
Society | The Music Industries: Institutions,
Technologies and Users | Social Class
and the Media Perspectives on the
Networked Society | Women Feminism
and the Creative and Cultural Industries

Year 3

Applying Communication Theory | Video
Production | Communication, Presentation
and Performance | Press and Public
Relations | Media Law | Television Drama |
Dissertation | Communication, Media and
Cultural Diversity | Science, Technology and
Society | Media, Religion and Society |
Uaneen Award: DCU's Leadership and
Engagement Module | Communication,
Culture and the Environment

CAO code
DC131

Years
3

Min points
400

Places
75

QQI FET
Yes

Future Careers

→ Event Management
→ Market Research
→ Academic Positions
→ Media Production
→ Public Relations
→ Publishing
→ Advertising

In These Areas

→ Media and Independent
   Companies
→ Arts Administration
→ Public Service
→ Government Services
→ Local Administration

BA in Journalism
Help people understand the world

Why DCU?

– Develop a broad range of skills for working in all areas of journalism

– Be taught by experienced journalists and researchers

– Learn through an integration of theory, practice, and critical reflection

– Produce a final-year academic dissertation or journalistic project

– Undertake a final-year work placement with a media organisation

About You

Do you have a creative and enquiring outlook? Do you have an interest in the design of engaging and interactive media experiences? Do you enjoy working with digital technologies and are you interested in problem-solving, creative expression and working in focused team projects? You do not need existing skills or practical experience in the analysis or design of media. Are you keen to explore written, video, and audio forms of storytelling, including new forms that can be seen on various social media platforms? If you are intrigued by the relationship we have with media and digital technologies in our lives, and want to explore, improve, and expand that relationship - this is the course for you.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in English.

Mature Students

If you are coming to us as a mature student, you will have had an interest in journalism for some time, the sort of life experience that will enable you to contribute as much to the course as you will get from it, and the ability to write clear, error-free English. You should apply through the CAO by 1 February – there is no late application for this course.

Mature applicants are asked to submit, along with their other paper documentation, a hard copy of a published or unpublished article of approximately 750 words of their own composition, written for a specific publication. If the article has been published, state when and in which publication. If the article is unpublished, indicate the newspaper or periodical for which you think your submission would be best suited. For more information, please visit dcu.ie/mature-students.

Understanding: Journalism

The key characteristics of journalism include a profound sense of curiosity about people and the world, strong critical thinking skills and the ability to write clearly. Throughout this course, you will explore written, video and audio forms of storytelling, including new forms that can be seen on various social media platforms. Studying areas such as climate change, peace, conflict, and political journalism, you deepen your understanding of why journalism functions the way it does.

Journalists are storytellers, they have an interest in the power of stories to help explain the world, they are needed in every society. They examine, analyse and reveal how things work and what the future holds for people. The technologies of journalism may change, but the need for it has not and many of the key skills prevail. Online, in print, across the airwaves or in social media, stories are told that engage the public and help us understand our world. In all areas of life, from business to politics, from culture to religion, from sports to lifestyles, people look to journalism for guidance.

The role of a journalist is varied – it can be to entertain or educate as well as to inform the public. The School of Communications aims to teach you to tell your stories in ways that follows best practice in journalism. Journalists seek out facts that help explain the world around them and are eager to learn how to communicate their work in a

way that makes sense to audiences and readers. You will be taught by lecturers who are, or have been, practising journalists who are in close touch with the profession, and by researchers who are scholars of national and international reputation.

Course Structure

The course combines 3 sets of studies:

1. It provides the essential practical skills you will need to produce original journalism, such as reporting and writing for different media (including social media).

2. It provides the knowledge of culture, politics, society, law, and ethics that you need as essential context for your journalism.

3. It provides a theoretical study of journalism and communications that will help you understand your role as a journalist and the function of journalism in society.

The various modules will introduce you to a range of core skills from which you can build upon and specialise. As well as the core skills across text and broadcast formats, you can develop your portfolio in other areas such as photography, publication design and data journalism. You can select modules to help deepen your understanding of why journalism functions the way it does, in areas such as climate change, peace and conflict journalism, and political journalism.

In Year 3, you will work on a final individual practical project or academic dissertation on a topic of your choice.

What Will I Study?

The following list includes core and optional modules:

Year 1
Journalism in Society | Journalism History | Reporting and Mobile Journalism | Introduction to Newswriting and Reporting | Radio Journalism| Digital Media Skills | Critical Thinking and Independent Learning | Ethics and Regulation | Journalism Studies | Introduction to Politics and Public Affairs

Year 2
Case Studies in Investigative Journalism | News Design | Feature Writing | Media Law | Networked News | Podcasting | Advanced Reporting | Crime, Policing and the Media | Photojournalism | Video Journalism | Data Journalism | Cultural Journalism

Year 3
Newsdays | Journalism Portfolio | Video Storytelling | Project/Dissertation | News Editing | Media, Sport and Society | Press and Public Relations | Perspective on Political and Financial Journalism | INTRA | Uaneen Award: DCU's Leadership and Engagement Module | Climate Change and the Media | Peace and Conflict Journalism | Research for Journalists | INTRA | Journalism Opportunities and Innovation

CAO code
DC132

Years
3

Min points
388

Places
45

Internship
Yes

QQI FET
Yes

Future Careers
→ Reporter
→ Editor
→ Researcher
→ Producer
→ Presenter

In These Areas
→ Journalism
→ Public Relations and Strategic Communication
→ Public Service
→ Corporate Communications

BSc in Multimedia
Create and critique compelling interactive media through understanding and using theory and technology

Why DCU?
– First course of its type in Ireland and has retained a strong reputation for excellence

– Staff are actively engaged in contemporary creative media practice, production and contribute to internationally recognised artistic and research work

– Our graduates work at the highest levels with their employers recognising the value of their degree

– You get to shape your degree by choosing areas of special interest after exploring a wide variety of topics and creative media forms

– Course continually updated to ensure it stays relevant to emerging media forms

About You
Do you have a creative, enquiring outlook? Do you have an interest in the design of engaging and interactive media experiences? Do you enjoy working with digital technologies? Are you interested in problem-solving, creative expression and working in focused team projects? If you are intrigued by the relationship we have with media and digital technologies in our lives, and want to explore, improve, and expand that relationship - this is the course for you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in English.

Mature Students
If you are coming to us as a mature student, you will have an interest in digital and media technologies. Your experience and enthusiasm for these areas will allow you to contribute to a team-focused course that provides a solid foundation in the creative industry and gives you opportunities to specialise.

Understanding: Multimedia
The course focuses on the conceptual and creative dimensions of multimedia as well as the technological aspects. Develop an understanding of theory relevant to digital media, including issues of content and form, and the relationship of media to society. Contemporary and emerging digital media technologies are increasingly central to our everyday lives. These technologies are widely used for the creation, display, and interaction of content we engage with regularly in many areas of life – from education to work, entertainment, or news reporting.

Media technologies and productions have a role in the expressive arts, and in public and private spaces where we interact with information. This course equips you to analyse these interactions critically and to create original ones, grounded in a sound understanding of theory and design. You will acquire a command of the concepts and practices in digital text, image, sound manipulation, in programming and controlling responsive media. You will contribute to multimedia product development and manage diverse productions individually and in groups. Many of our graduates are highly successful designers, developers, artists, educators, entrepreneurs, and scholars.

Course Structure
Year 1 core modules provide you with a broad understanding and ability to work with different multimedia forms. In Years 2 and 3, a range of specialisms are possible, enabling you to build upon the strengths you discover in Year 1. For example, core modules in Year 1 in the areas of audio, video, responsive media, and digital image manipulation all have follow-up modules that enable you to advance these skills in Year 2.

Project work is a vital part of this degree, and you will be set numerous individual and group projects throughout Years 1, 2 and 3. In Year 3 you will develop a major project as part of a group through a year-long process that culminates in our final year exhibition.

The various modules will introduce you to a range of core skills from which you can build and specialise.

You will also study a range of innovative modules introduced recently, including Environmental Storytelling, Instructional Design and Media Spaces.

What Will I Study?

The following list includes both core and optional modules:

Year 1
(Core Modules only)
Sound Production | Imaging and Design | Media Theory and History | Information Design | Responsive Media | Digital Video | Writing for Media | Psychology, Media and Creativity

Year 2
Core Modules
New Media and Society | Critical Praxis | Interaction Design

Optional Modules
Audio | Imaging and Design 2 | Interactive Applications | Scriptwriting | Advanced Video Production | Environmental Storytelling | Media Spaces | Instructional Design | Analysing Advertising | Film History and Theory

Year 3
Core Modules
Project Development | Emerging Media | Best Practice | Major Project: Group Production

Optional Modules
Media Law | Press and Public Relations | Uaneen Award: DCU's Leadership and Engagement Module

CAO code
DC133

Years
3

Min points
412

Places
65

QQI FET
Yes

Future Careers
→ Digital Project Manager
→ Game / App Designer
→ Graphic Designer
→ UI Design
→ Interaction Design / User Experience Consultant
→ Digital Animator
→ Sound Designer / Editor
→ VFX Artist
→ Video Editor

In These Areas
→ Interaction Design Consultancy
→ Digital Media Production
→ Web and App Design
→ Broadcast Production for TV and Film
→ Advertising Agency
→ Social Media and Tech
→ Games Development
→ Software Development

BA in Jazz and Contemporary Music Performance
Become a fully trained, high-level performing musician in jazz and other genres

Why DCU?

- Acquire the skills to become a high-level professional musician

- Play and perform extensively as part of the course

- Learn how to compose and arrange for a wide range of ensembles

- Make international connections, including with the renowned Berklee College of Music in Boston - berklee.edu

- Work closely with some of Ireland's most highly regarded performers

- Enjoy the social side of music by joining the DCU Jazz Society

About You

Are you passionate about music? Do you love singing, playing an instrument or both, but also want a grounding in music theory and an insight into how the music business works? If you are aiming high as a performer and are keen to take part in the lively music scene at DCU, you will enjoy taking on the challenge of this degree course.

Additional Requirements

In addition to the general entry requirements for admission to the University, (see page 174), you must take an audition. An aural/theory test is not required in advance of the audition.

Applicants will be expected to take an audition/performance pre-registration which is followed by a short interview, which takes place late March/early April and a second round takes place in early July to accommodate CAO Change of Mind and/or late applicants.

Understanding : Jazz and Contemporary Music Performance

Singing or dancing, enjoying the soundtrack to a film, listening on headphones – music is a major part of contemporary life. To take to the stage as a performer demands intensive training as well as talent. Our degree course can help you on your way to a career as a professional musician. You will also get to understand the context of the international music scene today – how the music business works and how you can make your mark in it. Course modules include Instrumental and Vocal Tuition, Aural Training, Ensemble Performance, Composition and Arranging, Jazz History, and Music Business.

Course Structure

The course offers intensive jazz and contemporary music education within a focused, supportive learning environment. It is designed to provide a balance of "traditional" jazz techniques alongside contemporary approaches to improvisation, so that you can experience the full breadth of the contemporary music world and develop into a creative, versatile and employable musician.

A key feature of the BA in Jazz and Contemporary Music Performance includes an opportunity for students during the course to transfer into Berklee College of Music in Boston (berklee.edu), one of the most prestigious music schools in the world in the field of contemporary music.

A diverse and rigorous course of study is organised throughout all 4 years of the course. The course has 5 principal areas of study:

- Ensemble Studies

- Instrumental Studies

- Arranging and Composition Studies

- Aural and Theoretical Studies

- Contextual Studies

Ensemble Studies

These modules aim to give you the skills to perform in ensembles at a high professional level in the world of contemporary music. Through working in ensembles, you will become familiar with the techniques and traditions of jazz and related genres, such as funk, Afro-Cuban and Brazilian music.

Instrumental Studies

These modules aim to provide you with the instrumental and technical skills necessary for performing at a professional level in the contemporary music world. You will work on practice methods, identify goals, and acquire essential vocabulary through studying master soloists and stylistic interpretation.

Arranging and Composition Studies

These modules introduce the skills necessary for modern arranging, and teach the history, ethos and techniques of jazz and contemporary composition. You will learn vital professional skills to enable you to work in the field of modern music as a composer or arranger. You will also be introduced to the use of music technology as an aid to arranging and composing.

Aural and Theoretical Studies

These modules will give you a thorough grounding in contemporary harmony and theory, and the means to understand the theoretical and harmonic underpinning of contemporary jazz practice. In addition, you will learn techniques to hear and identify all the common melodic, rhythmic and harmonic patterns used in jazz and other related types of music.

Contextual Studies

These modules will help you understand the history of the development of music of many genres, and its place in contemporary society. They will also give you an insight into the methodology and philosophy of teaching. In addition, they will aim to develop musicological and critical thinking skills which will give you a sense of music in your own life and make you aware how music is reflected in society.

What Will I Study?

Year 1
Jazz Aural Training 1 and 2 | Jazz and Contemporary Harmony 1 and 2 | Improv Ensemble 1 | Instrumental/Vocal Labs 1 | Instrumental/Vocal Skills 1 | Keyboard Skills | Project Ensemble | Rhythm Studies 1 | Jazz Composition 1 | History of Western Music | Music Technology 1

Year 2
Arranging 1 and 2 | Approved Style Ensemble 1 | Jazz Aural Training 3 and 4 | Jazz and Contemporary Harmony 3 and 4 | Improv Ensemble 2 | Instrumental/Vocal Labs 2 | Instrumental/Vocal Skills 2 | Rhythm Studies 2 | Transcription 1 | Music Technology 2 | Music of the African Diaspora

Year 3
Arranging 3 | Approved Style Ensemble 2 | Jazz Composition 2 | Ensemble Performance 1 | Instrumental/Vocal Labs 3 | Instrumental/Vocal Skills 3 | Rhythm Studies 3 | Transcription 2 | Critical Listening | Jazz History | History of Western Music

Options Include:
Performance Ear Training | Harmonic Ear Training and Sight Singing

Year 4
Approved Style Ensemble 3 | Jazz Composition 3 | Ensemble Performance 2 | Irish Composers' Workshop | Instrumental/Vocal Labs 4 | Instrumental/Vocal Skills 4 | Rhythm Studies 4 | Written Analysis Project | Music Business

Options Include:
Advanced Harmony | Jazz History, Ethos and Philosophy | Jazz Pedagogy | Irish Traditional Music

Each candidate who sits an Entrance Test is awarded up to a maximum of 200 points that are added to their CAO points for the purpose of determining eligibility. To be eligible to compete for a place on this course, each candidate must achieve the minimum threshold of 120 points in the Entrance Test and must also meet the general entry requirements (see page 174).

CAO code
DC014

Years
4

Min points
305

Places
20

QQI FET
Yes

Future Careers
→ Arranger
→ Composer
→ Music Producer
→ Music Educator
→ Professional Performing Musician
→ Session Musician

BA Gnó agus Gaeilge
Gnó agus Gaeilge –
Bí cruthaitheach agus iomaíoch

Cúig chúis mhaithe leis an BA Gnó agus Gaeilge a dhéanamh

– Scileanna bainistíochta, gnó, ceannaireachta agus teicneolaíochta a fhorbairt

– Feabhas a chur ar do chuid Gaeilge, idir labhartha agus scríofa

– Buntáiste breise a thabhairt duit féin trí staidéar a dhéanamh ar an ngnó agus ar an nGaeilge ar bhealach atá difriúil agus nua-aimseartha

– Slí bheatha shuimiúil a aimsiú duit féin, bíodh tú ag obair leis an nGaeilge nó i réimse eile

– Do chumas a léiriú trí thaithí oibre luachmhar a fháil agus trí phlean gnó de do chuid féin a chur le chéile faoi stiúir na léachtóirí

Tú Féin mar mhac léinn

An bhfuil túmuiníneach as do chumas Gaeilge idir labhairt agus scríobh? An bhfuil spéis agat i gcúrsaí gnó agus i dteicneolaíocht na faisnéise? Agus freisin an bhfuil tú airdeallach ar na buntáistí a bhaineann leis an dá réimse sin a nascadh le chéile? Cuirfidh Fiontar & Scoil na Gaeilge timpeallacht foghlama spreagúil, chomhaimseartha ar fáil duit agus forbróidh tú an cumas ceannaireachta atá ionat. Beidh tú ag iarraidh ról lárnach a imirt i saol na hOllscoile. Glacann mic léinn Fiontar & Scoil na Gaeilge páirt ghníomhach i saol DCU agus bhí go leor acu páirteach cheana féin i gcláir ar nós Clár Washington-Éire, Clár Fulbright agus comórtais Fiontraíocht Éireann chomh maith le comórtais agus sparántachtaí na hOllscoile féin.

Riachtanais Bhreise

Anuas ar ghnáthriachtanais iontrála na hOllscoile (féach lch 174), caithfidh tú Grád O1 Gnáthleibhéal nó H4 Ardleibhéal a bheith agat i nGaeilge.

Saol: Gnó agus Gaeilge

San earnáil ghnó tá gá le daoine cruthaitheacha spleodracha. Bíonn fostóirí ag lorg daoine a bhfuil ardchumas sa ghnó agus scileanna i dteicneolaíocht na faisnéise acu. Níl ansin ach leath an scéil, áfach. Bíonn géarghá acu freisin le daoine atá in ann smaoineamh agus oibriú taobh amuigh de na gnáthchleachtais, daoine atá in ann cumas bainistíochta agus tréithe ceannaireachta a léiriú. Déantar gnó iomláin an chúrsa uath uil soe tr i mh e an na Gaeilge. Níl clár acadúil ar bith inchurtha leis seo a chuireann clár oibre chomh maith sin ar fáil i gcúrsaí gnó agus bainistíochta, agus i dteicneolaíocht na faisnéise don ghnó agus é trí mheán na Gaeilge. Déantar staidéar ar an nGaeilge ar bhealach nuálach praiticiúil. Tacaíonn fostóirí go tréan leis an gcur chuige seo agus tá nasc cruthaithe ag an gclár le comhlachtaí agus le heagrais mhóra náisiúnta agus idirnáisiúnta. Cinntíonn an nasc seo go mbeidh buntáiste ar leith agat agus tú ag stiúradh do ghairm bheatha.

Struchtúr an Chláir

Tá an clár seo bunaithe ar thrí phríomhréimse:

– Gnó agus Bainistíocht

– Teicneolaíocht na Faisnéise don Ghnó

– An Ghaeilge Chomhaimseartha

Caithfidh tú Bliain 1 agus Bliain 2 ag forbairt na réimsí sin. Beidh deis agat ina dhiaidh sin bliain a chaitheamh ar chlár INTRA nó dul ar aghaidh go dtí an bhliain dheireanach. Gnóthóidh tú oideachas leathan acadúil agus praiticiúil atá in oiriúint don saol comhaimseartha gnó agus bainistíochta trí mhodúil cosúil le Bainistíocht Straitéiseach, Bainistíocht Tionscadal agus Bainistíocht Acmhainní Daonna. Beidh tuiscint agat ar chúrsaí cultúir agus forbróidh tú sárscileanna cumarsáide, chomh maith le do chumas sa Ghaeilge idir labhairt agus scríobh. Rachaidh tú i dtaithí ar obair foirne agus beidh deis agat forbairt phearsanta a dhéanamh agus do shamhlaíocht a úsáid i gcomhthéacs cruthaitheach gnó.

INTRA

Tabharfaidh an socrúchán oibre bliana deis iontach duit snas a chur ar do CV, cur le chuid infhostaitheachta, chomh maith le do chuid eolais agus scileanna a chur i bhfeidhm san ionad oibre. Rogha iomaíoch é agus britheann sé ar líon na socrúchán a bhíonn ar fáil. Chun teacht ar bhreis eolais faoi chlár INTRA, téigh chuig dcu.ie/intra

Gaeilge an teanga teasgaisc ar an gcúrsa seo.

Cé na modúil a bheidh ar siúl agam?

Bliain 1

Cúrsa Teanga 1 | Fiontraíocht agus Cruthaitheacht | Córais Eacnamaíochta agus Pholaitíochta | Teicneolaíocht na Faisnéise | Margaíocht | Scéal na Gaeilge | Na hIlmheáin | Meáin Chumarsáide na Gaeilge | Bainistíocht agus Iompar Eagraíochtaí | An Scéalaíocht Thraidisiúnta agus an Gearrscéal | An Nuafhilíocht agus na hAmhráin

Bliain 2

Cúrsa Teanga 2 | Aistriúchán agus Eagarthóireacht | Bainistíocht Acmhainní Daonna | Bainistíocht Acmhainní Airgeadais | Dlí agus Rialachas Corparáideach | Líonraí agus Gnó Digiteach | Teangeolaíocht na Gaeilge | Bainistíocht Straitéiseach

Modúil Roghnacha

An Nuafhilíocht 2 | An Béaloideas | Litríocht an 17ú & an 18ú hAois | Ainmeolaíocht na Gaeilge | Taithí Ghaeltachta

Bliain 3 - Roghnach

INTRA

An Bhliain Deiridh

Bainistíocht Straitéiseach | Modhanna Taighde | Ríomhthráchtáil | Bunú Fiontair | An Cúrsa Taighde | Cúrsa Teanga 3

Modúil Roghnacha

Athbheochan agus Athnuachan | An tSochtheangeolaíocht | Nuaphrós na Gaeilge | An Téarmeolaíocht ague an Fhoclóireacht

CAO code
DC118

Years
3 nó 4

Min points
387

Places
11

Internship
Yes

QQI FET
Yes

Deiseanna Gairme

→ An Fhiontraíocht
→ Dearadh Bogearraí Gnó
→ Meáin Chumarsáide na Gaeilge
→ Seirbhísí Aistriúcháin
→ Na hEalaíona agus an Oidhreacht
→ An tOideachas
→ Taighde

Sna Réimsí Seo

→ An Earnáil Phoiblí
→ An Earnáil Phríobháideach
→ Earnáil an Chultúir
→ Teicneolaíocht na Faisnéise

BA in Business and Irish (Irish-medium)
Business and Irish – gain the skills to be creative and innovative

Why DCU?

– Develop business, management, leadership and technology skills

– Improve your written and spoken Irish

– Take a novel and contemporary approach to the study of business and Irish

– Develop an interesting career for yourself, whether working with Irish or in a broad range of other sectors

– Demonstrate your ability through work experience and by developing your own business plan

About You

Are you confident in your ability to communicate effectively through Irish? Do you have an interest in business as well as information technology? What's more, can you identify the advantages that this combination will bring? Fiontar & Scoil na Gaeilge will provide you with a modern, dynamic learning environment and will help you to cultivate your leadership potential. Are you keen to take part in extra curricular activities on and off campus?

Students of Fiontar & Scoil na Gaeilge play an active role in University life and have participated in programmes such as the Washington Irish Programme, the Fulbright Scholarship programme, Enactus and Enterprise Ireland Competitions, as well as University-supported competitions and bursaries.

Additional Requirements

In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of O1 or H4 in Irish.

Understanding: Business and Irish

Today's employers look for people with high-calibre business and information technology skills, but they also require people who can think and work 'outside the box'. They want dynamic individuals, people who can manage and who possess leadership qualities, and that's what this degree is all about. There is no comparable degree which offers students such an advanced course of studies in business, management and information technology, all through the medium of Irish. Employers support this approach, and the course has strong links with national and international companies and organisations. These links offer an impressive advantage over other graduates.

Course Structure

The main areas covered by this course are:

– Business and Management

– Business Information Technology

– Modern Irish

Years 1 and 2 develop these areas at DCU. You can then choose whether to complete a year long paid work placement (INTRA) or go into your final year.

This is a broad academic and practical course suited to the modern business environment. There is particular emphasis on business, management, information technology and Irish, which are supported by modules in Strategic Management, Project Management and Human Resources Management. You will develop your understanding of Irish and further your communication skills in written and spoken Irish. You will gain valuable experience working on group projects while also developing personally by using your imagination in a creative business context.

INTRA

This year-long work placement will give you a unique opportunity to enhance your CV, increase your employability and apply your knowledge and skills in the real world. This option is competitive and subject to the availability of placements. For more information, please visit dcu.ie/intra

Irish is the language of instruction on the course.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC118

What Will | Study?

Year 1
Enterprise and Creativity | Economics and Political Systems | Information Technology Skills | Modern Poetry and the Song Tradition in Irish | Language Skills 1 | History of the Irish Language | Organisational Management and Conduct | Marketing | Multimedia | Irish-Language Media | The Storytelling Tradition and the Short Story

Year 2
Human Resources Management | Strategic Management | Translation and Editing | Language Skills 2 | Linguistics and the Irish Language | The Media and the Irish Language | Financial Resource Management | Corporate Law and Governance | Business and Digital Networks

Optional Modules
Gaeltacht Experience | Modern Irish Poetry 2 | Folklore | Irish Place-names | 17th and 18th Century Irish Literature

Year 3 - Optional
INTRA

Final Year
Strategic Management | Research Methods | E-commerce | Terminology and the Irish Language | Enterprise Start-Up | Research Course | Irish Language Revival and Renewal | Sociolinguistics | Modern Irish Prose | Terminology and Lexicography

CAO code
DC118

Years
3 or 4

Min points
387

Places
11

Internship
Yes

QQI FET
Yes

Future Careers
→ Entrepreneur
→ Business Software Design
→ Irish Language Media and Translation Services
→ Arts and Heritage
→ Further Study - Teaching
→ Research

In These Areas
→ Public Sector
→ Private Sector
→ Cultural Sector
→ IT
→ Education

159

BA in Applied Language and Translation Studies
Gain competency in foreign languages and embrace translation studies

Why DCU?
– Open up global career opportunities with 2 languages

– Gain a broad base of language, linguistics, cultural and translation studies knowledge

– Use multimedia texts and software applications to enhance your translation skills

– Spend a full academic year at a partner university abroad or on a paid work placement (INTRA)

– Gain top-quality language, translation and intercultural skills to meet the demand at home or abroad

About You
Do you have a passion for languages? Do you wish to reach high levels of proficiency in your chosen languages? If you are interested in exploring the field of translation, this course is for you.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following entry requirements apply: minimum of H4 in French, German or Spanish.

Understanding:
Applied Language and Translation Studies (ALTS)
This is a unique degree in Irish higher education that aims to prepare a new generation of translators and language professionals for the challenges and opportunities of the 21st century. You will study 2 foreign languages with exciting combinations that include Chinese, French, German, Japanese or Spanish.

This dynamic degree allows you to explore the principles behind language, culture, translation and intercultural communication through a broad range of stimulating and innovative modules. You will use digital resources, and you will develop critical and creative thinking.

You will acquire professional and academic competencies as a linguist and a translator, allowing you to compete in the national and international marketplace. You will also acquire significant technical skills as you work with multimedia texts and a variety of software applications used by translators. The degree is delivered by experts in the field and has been running successfully for over 30 years.

This is an all-round course that equips you with the necessary skills while allowing you to enjoy your passion for languages.

Course Structure
The languages available on the BA in Applied Languages and Translation Studies are:

– Chinese

– French

– German

– Japanese

– Spanish

You will select 2 languages from Chinese, French, German, Japanese or Spanish as well as foundation modules in linguistics, culture and translation studies. You will take either 2 intermediate languages, or 1 intermediate and 1 beginner-level language. You will have the possibility to focus on 1 of your chosen languages from Year 3 of your degree, if you wish to do so.

Please note that Chinese and Japanese are offered at beginner level only (students with Leaving Certificate Japanese take 2 intermediate Japanese modules in Year 1). French is offered at intermediate level only. German and Spanish can be taken at either intermediate or beginner levels. If you are unsure of the language level or language combination that you should apply for, contact us for advice.

Year Abroad
Studying abroad provides a wonderful opportunity to experience the culture of another country and greatly enhances your language skills. Those who meet certain criteria and wish to go abroad will spend Year 4 studying at one of our partner universities. In Year 3 you will conduct independent research for your dissertation and take courses in languages and translation that will provide you with a strong foundation to make the most of your time abroad. For more information, please visit dcu.ie/placement/study-overseas

INTRA
Alternatively in Year 4, you may opt to apply for a year-long paid work placement in Year 3. This will give you a unique opportunity to enhance your CV, increase your employability and experience the relevance of your study in the real world. This option is competitive and subject to the availability of placements. For more information, please visit dcu.ie/intra

What Will I Study?

Year 1
2 intermediate languages or 1 beginner and 1 intermediate language
In addition to your language modules other modules include:

Introduction to Translation Studies | Introduction to the Study of Language | Introduction to Translation Practice | Chinese/Japanese Culture and Society | French/German/Spanish Society and Literature

Year 2
2 intermediate languages or 1 beginner and 1 intermediate language
In addition to your language modules other modules include:

Introduction to Text Analysis | Chinese/French/German/Japanese/Spanish Literature and Film | Chinese/French/German/Japanese/Spanish Translation Practice | Introduction to Terminology | Computer-Aided Translation

Year 3
Continue with your 2 chosen languages or focus on 1. In addition to your language modules, other modules include:

Dissertation (independent research) | Theoretical Approaches to Translation | Translation Multimedia | Chinese/French/German/Japanese/Spanish Economic Translation | Chinese/French/German/Japanese/Spanish Technical Translation | Community Interpreting Theory and Practice | Sexualities Languages and Societies | The Language of Business and The Media Across Cultures

You have the option to graduate with a degree after completing Year 3 of this course*

Year 4
Year abroad at a partner university*: Follow the partner university's academic courses

OR

Opportunity to complete a year-long work placement (INTRA)

* Students need to fulfil criteria in order to participate in the year-long study abroad or INTRA programme.

CAO code
DC155

Years
3 [or 4*]

Min points
442

Places
40

Internship
Yes

QQI FET
Yes

Future Careers
→ Translator
→ Mediator between Cultural Groups
→ Editor
→ Terminologist
→ Educator
→ Researcher

In These Areas
→ EU Institutions
→ International Organisations
→ Public Service
→ Education

BA in Social Sciences and Cultural Innovation
Explore sociology, media and politics while acquiring key 21st century skills

Why DCU?
– Unique modules from the Social Sciences relating to Sociology, Media, Politics and Innovation

– Flexibility and focus, specialising as you progress through the course

– Innovative modules focused on developing key transferable skills for 21st century work and life

– 12 month paid work placement (INTRA) in Year 3

– Focus on applying knowledge in creative and effective ways

About You
Are you are interested in exploring how culture, media and politics shape our world and identity, curious about what drives innovation and future trends, stimulated by learning how to design creative approaches to social issues? Are you keen to develop the knowledge, skills and abilities that enable you to carve out your own career path, then this is the course for you.

Additional Requirements
The general entry requirements for admission to the University apply (see page 174).

Understanding:
Social Sciences and Cultural Innovation
The BA in Social Sciences and Cultural Innovation brings an applied focus to the Social Sciences, in particular the disciplines of Sociology, Media and Politics, as well as newer areas such as Social Entrepreneurship and Cultural Innovation.

The course also prioritises skills such as Creativity, Leadership, Ethical and Critical Thinking, Digital Literacy, Intercultural Communication, and Future Thinking. Furthermore, you have the possibility of studying abroad for 1 year or undertake a 12 month paid work placement (INTRA) where you can gain valuable experience. At its core, the BA in Social Sciences and Cultural Innovation aims to help you develop the knowledge, skills and abilities needed for your personal and career development, and empowers you to pursue your goals with passion, professionalism and purpose.

Course Structure
The course is structured around 3 specific pillars, comprising both core and optional modules, relating to the study of Culture, Media and Politics.

(i) Self, Society and Innovation:
Explore the meaning and power of culture; study key social identities such as gender, nationality, ethnicity and social class; examine the drivers and impacts of globalisation and mass migration; identify local, national and global challenges; and develop creative strategies to address these.

(ii) Media, Messaging and the Digital World:
Examine the hugely influential role played by media and technology in society; analyse advertising and other media outputs; study the history of journalism and how it is evolving; explore the challenges and opportunities facing traditional and new media in the 21st century, including the ever-increasing role of social media and digital platforms.

(iii) Politics, Power and Internationalisation:
Learn about national and international political systems; reflect on the concept of power in personal, political and economic relations; consider how various innovations influence how citizens engage with politics; examine political ideologies and conflicts from around the world; explore diverse approaches to international security and political terrorism.

In each year of the course you will take modules from all 3 pillars, with the choice of options increasing annually. In the final year you choose to specialise in 1 pillar, while continuing to study the other 2 and you will also have the opportunity to do in-depth research on a particular topic of interest. Throughout the course you will do a variety of modules focusing on essential transferable skills, and from the outset your career development is given attention.

With unique modules covering topics ranging from applied ethics to social psychology, multiculturalism to social innovation, and journalism to creative thinking, the BA in Social Sciences and Cultural Innovation is designed to help you stand out, rather than simply fit in, whatever your choice of career may be.

After Year 3, you can opt for a year of study in one of our overseas partner universities, or apply for a 12 month paid work placement (INTRA). Availing of this option makes it a 4 year course, and adds significant value to the student experience at multiple levels.

Year Abroad
Our international partner universities are either based in an English-speaking country or are European universities where modules are delivered through English. Currently, we have partnerships in Australia, Czech Republic, France, Germany, Lithuania and Malta. For more information, please visit dcu.ie/placement/study-overseas

INTRA
The 12 month work placement will give you a unique opportunity to enhance your CV, increase your employability and apply your knowledge and skills in the real world. This option is competitive and subject to the availability of placements. For more information, please visit dcu.ie/intra

Additional Information
The degree also provides a strong
foundation for further study.

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC238

What Will I Study?
The following list includes core
and optional modules:

Core Modules
Year 1
Introduction to Communication Studies |
Analysing Visual Media Tests | Cultural
Studies | Power, Self and Society |
Contemporary Cultural Debates |
Interculturalism in Practice | Introduction to
Modern Ireland | Introduction to Politics |
Introduction to International Relations
and Security | The Irish Political System

Year 2
Social Psychology | Journalism History |
Ireland, Sex and Text | Global Cultures |
Social Innovation and Entrepreneurship |
The Making of Contemporary
Europe | Political Ideologies

Optional Modules
Theorising Social Media in Everyday Life |
Social Class in the Media | Intelligence
National Security | Changemakers: Service
Learning | Analysing Advertisinga |
Crime, Policing and the Media | Women
Feminism and the Creative Cultural
Industries | Introduction to Gender Studies |
Perspectives on the Networked Society

Year 3
Optional Study Abroad / INTRA

Final Year
Creativity and the Emerging Future |
Issues in Multiculturalisma | Politics of
Sub-Saharan Africa | Communication
Culture and the Environment | Dissertation

Optional Modules
Media Law | Television Drama | Press and
Public Relations | Perspectives on Chinese
Culture | The Politics of Migration in
Europe | Science, Technology and Society |
Climate Change and the Media |
Sexualities, Languages and Society |
Languages of Business and Media Across
Cultures | Conflict Resolution in Northern
Ireland | Nationalism and Populism in the
21st Century | Representing Otherness |
Anglo-Irish Literature: The Novel and the
Short Story | Languages of Business and
Media Across Cultures |
Post Soviet Politics | Politics of South
Asia | Issues in American Politics |
Contemporary Politics of the Middle East
and North Africa | Uaneen Award: DCU's
Leadership and Engagement Module

**Optional modules are chosen subject
to timetabling constraints.**

CAO code
DC238

Years
3 or 4

Min points
338

Places
45

Internship
Yes

QQI FET
Yes

Future Careers
→ Media and Communications
  Specialist
→ Political Advisor
→ Diplomat
→ Strategic Planning Executive
→ Innovation Manager
→ Social Entrepreneur
→ Corporate Social Responsibility
  (CSR) Executive
→ Trainer and Educator

In These Areas
→ Digital and Traditional Media
→ Public Relations
→ Marketing
→ Politics
→ Policy Development
→ Government and
  Non-Governmental
  Organisations (NGOs)
→ Strategic Consultancy
→ Social Entrepreneurship
→ Creative and Cultural Industries
→ International Political and
  Commercial Organisations
→ Corporate Social Responsibility

BA in Climate and Environmental Sustainability

Develop unique skills to tackle climate and environmental issues facing industry and policy makers today

Why DCU?

– Engage with environmental and climate issues at a local scale and learn from visiting and engaging with case studies where real-life environmental challenges happen

– Engage with challenges based on real issues encountered by industry, the public sector and non-profit sector

– Enhance employability skills by developing knowledge across multiple areas related to 2 of the most important societal issues this century - climate change and environmental sustainability

– Spend a full academic year at a partner university abroad or on a paid work placement (INTRA)

About You

Are you interested in studying climate science, geography, environmental policy, Geographical Information Systems (GIS), sustainability, environmental economics and environmental ethics? Are you interested in gaining analytical, research, teamwork and problem-solving skills that will be attractive to various employers?

Additional Requirements

The general entry requirements for admission to the University apply (see page 174)

Understanding:
Climate and Environmental Sustainability

The scale and pace of change caused by humans to all aspects of the environment globally in the last 100 years is so significant that we now threaten our very own existence. Issues such as climate change and biodiversity loss are having extensive environmental, economic and social impacts worldwide. These are issues that already affect current generations and are set to have major implications for future generations.

This is an applied geography course and through the lens of geographical sciences, you will develop your skills and knowledge to prepare you for work in climate and environment-related fields. Organisations increasingly rely on location intelligence to make decisions and students on this course will gain invaluable skills to learn how to gather and analyse spatial and climate data. You will also engage with such topics as climates and climate change, environmental history, the evolution of Ireland's physical landscape and sustainable environments and policy.

Course Structure

The BA in Climate and Environmental Sustainability is unique in that modules each year will comprise a largely balanced approach to both natural and social science modules related to geography, climate and environmental sustainability. The course is designed to enhance learning related to climate change and environmental sustainability across multiple disciplines (e.g. Geography, Earth Science, Political Science, Psychology, Sociology, Biology and Physics). Students will study innovative modules such as Biogeography, Historical Climates, Sustainable Food Security, Environmental Change and Human Health, Natural Ecosystem Solutions and complementary modules that are drawn from the Geography offering on other courses.

You will study innovative modules such as sustainable food security, ecosystems conservation solutions and complementary geography modules that are drawn from other courses. You will engage in a residential field module as an integral part of this course, which provides an opportunity to collect environmental data and engage with environmental and climate issues at a local scale. You will be encouraged to learn from seeing real-life challenges, including visiting

case study sites where environmental change is occurring and examining the main challenges facing Ireland. Some of these issues you can expect to engage with relate to improving water quality, managing biodiversity, and dealing with climate change from both physical and human geography perspectives.

Students can study for a year abroad after Year 2, and can also opt to apply for a year-long paid work placement (INTRA) in Year 3. This opportunity provides students with excellent experience and a valuable professional network while still in university.

Year Abroad

Studying abroad provides a wonderful opportunity to experience the culture of another country and greatly enhances your language skills. If you meet certain criteria and wish to go abroad you will spend Year 3 studying at one of our partner universities. After you complete the year abroad, you will do the final year of your course at DCU. For more information, please visit dcu.ie/placement/study-overseas

INTRA

INTRA will provide you with a chance to work in a real world environment giving you a unique opportunity to enhance your CV, increase your employability and experience the relevance of your study. For more information, please visit dcu.ie/intra

Indicative Content

While content of the course may change over time, these modules are indicative of what you will be studying in each year

Contact Details
studenthelp@dcu.ie

Visit Us Online
dcu.ie/DC294

What Will I Study?

Year 1
Geographical Interpretation and Communication | Introduction to Environmental Spatial Analysis | Introduction to Sustainability | Introduction to Human Geography | Hazardous Earth Data Literacy and Analytics for the 21st century | Ireland in Europe and the Wilder World | Global Climates | Sustainable Cities | Introduction to Biogeography and Ecology | Sustainability Journey 1 - Awareness and Skills

Year 2
Evolution of Ireland's Physical Landscape | Environmental Data Analysis | Introduction to Oceans and Marine Environment | Enviornmental Economics | Climate Change: Course and Consequences |

Sustainable Food Security | Climate Change and Environmental Field Trip | Sustainability Journey 2: Insights Through Collaboration

Year 3 (Optional)
Optional year abroad or optional work placement (INTRA)

Final Year
Water Resources of Ireland | Environmental GIS | Environmental Citizen Science | Climate and Environmental Sustainability Research Project | Sustainability Journey 3 - Active Engagement | Environmental Ethics | Ecosystems and Conservation | Communication, Culture and the Environment | Challenge-based Learning for Sustainability Transformations | Environmental Impact Assessments

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CAO code
DC294

Years
3/4

Min points
473

Places
23

Internship
Yes

QQI FET
Yes

Future Careers
→ Climate Scientist
→ Sustainability Manager
→ Environmental Consultant
→ Environmental Data Analyst
→ Environmental Resource Manager
→ Environmental Researcher
→ Corporate Social Responsibility Manager
→ Strategic Change Manager
→ Conservation Manager

In These Areas
→ Environmental Consultancy
→ Community Development
→ Diplomatic Services
→ Environmental Conservation
→ Non-Governmental Organisations (NGO's)
→ Industry
→ Public Sector

BA in Economics, Politics and Law
Understand the political, legal and economic principles that explain how the world works

Why DCU?
– Teaching methods that put an emphasis on practical problem-solving

– Gain the cross-disciplinary skills that employers demand in communication, critical thinking, teamwork and research

– Modules in research skills to help you get the best out of your degree

– Option to spend a year studying abroad or working on a paid work placement (INTRA)

– Lecturers who are engage in politics, policy-economics, and law and society

About You
Are you interested in how the world, countries and societies work? Would you like to know more about the political, legal and economic forces that shape our world? By studying on the Economics, Politics and Law degree course, you will learn how these disciplines interact and help to shape the local and global worlds in which we live.

Additional Requirements
In addition to the general entry requirements for admission to the University (see page 174), the following requirements apply: minimum of O4 or H6 in Mathematics.

Understanding: Economics, Politics and Law
Any social problem we can think of has solutions. The BA in Economics, Politics and Law provides an intellectually challenging course that explores various issues and methods of analysis in the disciplines of economics, politics and law. The importance of these disciplines in contemporary society is obvious. The course will give you a deep and thorough understanding of the political, legal and economic institutions that shape the world, and you will gain a profound awareness of how these 3 disciplines are bound together.

Course Structure
In Years 1 and 2, there is an equal weighting of the 3 disciplines of economics, politics and law. In the final year, you take a core module in each discipline. Beyond that, you are free to specialise in one of the 3 disciplines or continue to study a combination of all 3. Research methods modules taken in Year 1 and Year 2 will provide core learning skills that you will use throughout your degree. In final year, further modules will enhance your knowledge of research methods and dissertation skills. These skills will provide you with the tools to analyse major issues affecting our world today from an economic, political and legal perspective.

The BA in Economics, Politics and Law is normally a 3 year course. However, you can elect to spend an extra year either abroad or work on an INTRA work placement in Year 3.

INTRA
You can opt to apply for a year-long work placement in Year 3. This will give you a unique opportunity to enhance your CV, increase your employability and experience the relevance of your study in the real world. This option is competitive and subject to the availability of placements. For more information, please visit dcu.ie/intra

You then complete the final year of your course in DCU.

What Will I Study?

Year 1
Constitutional Law | Introducing Politics | Mathematics for Economics | Introduction to Microeconomics | Irish Legal System | Legal Research and Methods | Legal Research and Methods | Data Analysis | Introduction to European Integration | International Political Economy | Introduction to Macroeconomics

Year 2
Intermediate Microeconomics | The Irish Political System | The Law of Contract | European Union Law | Criminal Law 1 | Intermediate Macroeconomics | Public Finance | Political Ideologies | Research Design and Methods | Law of Torts 1

Final Year
(Year 3 or 4, depending on whether you choose to spend Year 3 abroad, on INTRA or completing your course at DCU)

You may choose to specialise in the final year or continue to study a mix of disciplines from the options available.

Core Modules:
Topics in Applied Economics | Jurisprudence | Public Policy

Options Include:
Dissertation | Uaneen Award: DCU's

Leadership and Engagement Module

Economics Specialism:
Economics Estimation and Analysis | Financial Markets | Development Economics | Industrial Economics | Public Choice | Urban and Regional Economics | Financial Theory | International Trade and Business | Mathematics of Finance: An Introduction

Politics Specialism:
Post-Soviet Politics | The Politics of Sub-Saharan Africa | The Politics of South Asia | Nationalism and Populism | Issues in American Politics | Issues in European Integration | Contemporary Politics of the Middle East and North Africa | The Politics of Migration in Europe | Money and Politics in Comparative Perspective

Law Specialism:
Property Law 1 and 2 | Law of Torts 1 and 2 | Employment Law | Administrative Law | Company Law | Family Law | Advanced Company Law | Law of Evidence | Principles of Equity and Trust | International Trade Law | Climate Change Law | Advanced European Union Law

If Year 3 is spent abroad or on INTRA, then Year 4 is structured as per Year 3.

CAO code
DC230

Years
3 or 4

Min points
440

Places
95

Internship
Yes

QQI FET
Yes

Future Careers
→ Law
→ Tax/Financial Services
→ Journalism
→ Policy Evaluation
→ Research
→ Teaching

In These Areas
→ Public Service
→ Private Industry
→ International and European Institutions

BA in International Relations
If you have an interest in major world issues, this is the degree course with global career opportunities for you

Why DCU?

– Take a global perspective on what makes society work and how its various actors interact with one another

– Apply your study and research skills to a major independent project

– Gain the skills employers are looking for – such as communication, critical thinking and teamwork

– Choose to spend a year studying abroad or undergoing an internship as part of your degree

– DCU is a leading centre for expertise in International Relations, with lecturers involved in work on global issues such as security, peace studies and climate change

About You

Do you have an interest in major world issues? Would you like to know more about how politics, economics and security work in contemporary societies? If you are keen to learn, to analyse and to understand current affairs across the world, then you will enjoy the challenge of this degree course.

Additional Requirements

The general entry requirements for admission to the University apply (see page 174). If you wish to register for one of the language streams, then a minimum of H4 in French, German or Spanish is required.

Understanding: International Relations

You will explore a variety of issues and debates in global politics, and will find out about the forces that shape contemporary societies. You will learn about such issues as peace, security, terrorism, globalisation, international law, third-world debt and American foreign policy. You will also study contemporary global governance, multilateral affairs, and international organisations such as the European Union and the United Nations.

By the end of this unique and innovative course, you will have learned about international politics, development and regional studies from a global perspective, and will have developed oral and written communication skills, teamwork skills, research techniques, and ability in analytical and critical thinking.

Course Structure

The variety of optional modules available gives you plenty of flexibility in what you choose to study alongside the core elements.

Optional modules start in Year 1, so you can choose to take either the main or the language stream (choose from intermediate French, German or Spanish. The stream you choose will then run for each of the 3 years of your degree.

This is normally a 3 year course. However, you may elect to spend an extra year abroad in one of our partner universities in China, the Czech Republic, France, Germany, Hungary, Poland, Scotland, Spain, Sweden, Turkey or the USA. This is an excellent opportunity to enhance educational and social experience at first hand. You then complete the final year of your course at DCU.

INTRA

You can opt to apply for a year-long work placement in Year 3. This will give you a unique opportunity to enhance your CV, increase your employability and experience the relevance of your study in the real world. This option is competitive and subject to the availability of placements. For more information, please visit dcu.ie/intra

What Will I Study?
Year 1

Introduction to European Integration | Introduction to International Political Economy | Introduction to International Relations and Security | Introduction to Politics | The Role of International Law in International Relations | Introduction to Development | Introduction to Global Governance | Climate Change and International Politics

Optional Modules:
International Relations Stream:
Introduction to US History and Politics Contemporary Cultural Debates

Language Stream (one language):
French Language (intermediate) | German Language (intermediate) | Spanish Language (intermediate)

Year 2

Guided Research Project | Political
Ideologies | Contemporary Political
Terrorism | Conflict, Security and Peace |
Intelligence, National Security |
Foreign Policy and Diplomacy

Optional Modules:
International Relations Stream:
International Peacekeeping and
Peacebuilding | The Making of
Contemporary Europe | Global
Cultures | Introduction to Gender
Studies | Irish Foreign Policy

Language Stream (one language):
French Language (intermediate) |
German Language (intermediate) |
Spanish Language 5 (intermediate)

Year 3 – Optional
Optional study year abroad/INTRA

Final Year
Digital International Relations |
Key Issues in International Relations

Optional Modules Include:

Contemporary Politics of the Middle East
and North Africa | Politics and Foreign
Policy in China | Unrecognised States in the
International System | Gender and Politics |
The Politics of Sub-Saharan Africa |
The Politics of South Asia | Post Soviet
Politics | Issues in European Integration |
National and Populism in the 21st Century |
Issues in American Politics | Conflict
Resolution in Northern Ireland |
Sexualities, Languages and Society |
The Politics of Migration in Europe |
Dissertation | Uaneen Award: DCU's
Leadership and Engagement Module

Languages Stream:
French Language (intermediate) |
German Language (intermediate) |
Spanish Language (intermediate)

If Year 3 is spent abroad or on a
work placement, then Year 4 is
structured as per Year 3.

CAO code
DC231

Years
3 or 4

Min points
388

Places
70

Internship
Yes

QQI FET
Yes

Future Careers
→ Policy Evaluation
  and Research
→ Education
→ Development
→ Security
→ Commerce
→ Law
→ Retail and International
  Public Policy

In These Areas
→ Government or
  International Corporations
  and Organisations
→ Statutory Bodies
→ Non-Governmental
  Organisations (NGOs)
→ Public Service
→ Private Industry

Bachelor of Civil Law – BCL (Law and Society)
Learn about the social forces that affect law and the legal process

Why DCU?
– Dedicated team of highly qualified committed law lecturers with strong research expertise

– Critical socio-legal perspectives embedded within the delivery of all law subjects

– Focus on experiential learning and practical legal skills

– Innovative modules that equip you with knowledge of cutting-edge issues that are re-shaping the law and legal profession

– Opportunity to study aboard for a full year or on a paid work placement (INTRA)

– Key emphasis placed on important transferable skills, including research skills and oral and written communication skills, at all stages of the course

About You
Are you interested in law and the legal process? Do you enjoy problem solving and want to know more about the role law plays in the regulation of society and how society Influences law? Do you want to develop important research, analytical and presentation skills? Do you want to develop practical skills that can be applied in the workplace? Do you want to learn about the law and the social forces that affect law and the legal process, while engaging critically with the possibility of law reform?

Additional Requirements
The general entry requirements for admission to the University apply (see page 174).

Understanding:
BCL (Law and Society)
The BCL (Law and Society) at DCU is a cutting-edge law degree that will give you an understanding of how the legal process operates and how law influences and is influenced by a diverse range of social forces. It combines innovative teaching of all the foundational law subjects (e.g. constitutional law, contract law, criminal law, etc.), with critical perspectives on the nature of these subjects, on the practice of law and on the wider role of law in society in the 21st century. The degree also focuses on experiential learning and developing practical legal skills, and provides many opportunities for engagement in industry and the wider legal profession. There is a core Moot Court module, which gives students an in depth and practical insight into law in action.

Course Structure
The degree covers all foundational law modules and some additional modules not usually found on undergraduate law degrees. Rather than being stand-alone modules, the questions of how law affects society are woven into core law modules. This 3 year course consists of a mixture of compulsory and optional modules. In Year 1, all modules are compulsory. In Years 2 and 3, there are some compulsory modules but you will also get to choose from a range of optional modules.

There is a core Moot Court module, which gives students an in depth and practical insight into law in action. In addition to learning core legal rules and principles, you will learn to reflect critically on how these are shaped and influenced.

The course will prepare you for a career as a lawyer including as a solicitor and barrister. The BCL (Law and Society) is an approved degree for King's Inns. The skills you develop will also be helpful for a range of careers outside the legal professions.

Year Abroad
This course is normally a 3 year course. However, you can opt to spend an extra year abroad in one of our partner universities in Belgium, China, Poland, Scotland, Spain, or the USA. This is an excellent opportunity to experience life in another country and to study another legal system. After you complete the year abroad, you will do the final year of your course at DCU. For more information, please visit dcu.ie/placement/study-overseas

INTRA
A further option is to complete a period of paid work placement INTRA placement in Year 3, after which you will complete the final year of your degree in DCU. We have placement opportunities with law firms, corporations and public bodies in Ireland. This is a great opportunity to enhance your employability and develop your talents.

For more information, please visit dcu.ie/intra

What Will I Study?

Year 1
Foundations of Law and Legal Research | Constitutional Law | Law of Torts | Advanced Torts | Advanced Criminal Law | Critical Approaches to Law | Public International Law | Introducing Law

Year 2
The Law of Contract | European Union Law | Moot Court | Family, Law and Society | Advanced EU Law | Advanced Contract Law | Healthcare Law and Society | Property Law | Company Law 1

Optional Modules
Law and Dispute Resolution | Advanced Property Law | Company Law

Year 3
Optional study year abroad/INTRA

Final Year
Jurisprudence 1 and 2 | Genetics, Law and Society | Law and Body Politics

Optional Modules
Administrative Law | Employment Law | Equity | Property Law 1 and 2 | Company Law | Law of Evidence | Trusts Law | Intellectual Property and Information Technology Law | Advanced Company Law | Dissertation | International Trade Law | Climate Change Law | Technology Law and Society | International Trade Law (Banking) | Uaneen Award: DCU's Leadership and Engagement Module

CAO code
DC232

Years
3 or 4

Min points
476

Places
90

Internship
Yes

QQI FET
Yes

Future Careers
→ Barrister
→ Solicitor
→ Regulator Compliance Advisor
→ Policymaker
→ Research
→ Journalist

In These Areas
→ Public Sector
→ Private Sector
→ Statutory Bodies
→ Non-Governmental
  Organisations (NGOs)
→ International and
  European Institutions

BA in Theology and Religious Studies
Enduring questions, global issues, big ideas

Why DCU?

– Learn with a dedicated team of highly qualified, committed lecturers with strong research expertise

– Study in a School of Theology, Philosophy and Music that is international and interdisciplinary

– Be part of an age-friendly university which values the contribution of mature students, see dcu.ie/agefriendly.ie

– Develop transferable skills, including oral and written communication skills, research skills and the ability to think critically and analytically

– Expand your knowledge and skills to pursue an interesting career, whether in community and social justice work, pastoral ministry, teaching or a broad range of other areas

About You

Are you curious about investigating the significance of religion in a complex world? Do you wish to find out more about the origins and development of the Christian faith? Are you interested in learning more about other religious traditions such as Judaism and Islam? Do you want to explore the Hebrew and Christian Scriptures? Are you interested in intercultural and interreligious dialogue? Or are you involved in any of the following areas, and would like to understand them more deeply: pastoral and community work; adult religious education or parish catechesis; youth and young adult ministry; biblical studies; social justice groups; ecumenical projects; inter-faith dialogue; parish councils; school governance and leadership? What is the role of religion and faith in the world today? What is right and wrong, and how can we know? How can we form welcoming, just and sustainable communities? How can we make sense of suffering and failure? How do we read ancient sacred texts in the twenty-first century?

Additional Requirements

You must be aged 23 or over on 1 January in the year of application. As part of the application process, your relevant life/work experience and previous studies undertaken, and your interest in studying theology and religion, will be reviewed to determine your eligibility for the course.

Understanding:
Theology and Religious Studies in the Context of Lifelong Education

Theology and Religious Studies help us explore such questions in a reflective and systematic way. This course studies the philosophical and religious traditions that have helped to shape our culture and history in Ireland, and exposes students to the global diversity of the academic study of religion in the contemporary world. It offers in-depth investigation of Christianity and other religious traditions, emphasises the importance of ecumenical and interfaith study, and engages with the pluralistic and secular culture of the West.

This course is intended for people from a broad range of backgrounds, – whether from faith communities or of secular conviction – who wish to study theology and religion for personal enrichment, for continuing professional development or with a view to being more active in their local community. The degree also serves as a qualification if you wish to pursue postgraduate study or research in theology and religious studies.

By the end of this unique course, you will have learned how to appreciate and critique the intellectual foundations of the academic study of religion, and have developed new insights into cultural and religious diversity. You will have engaged in a dialogue between contemporary ethical issues and a range of classical and contemporary texts and thinkers. You will also have had many opportunities to acquire key transferable skills, such as assimilating new knowledge; the close analysis of ancient and modern texts; research and writing skills; time management; and teamwork skills.

Course Structure

This unique course is available on Thursday evenings from 6.00 pm to 9.30 pm and on 4 Saturdays throughout the academic year.

With close attention to particular religious traditions, intercultural dialogue and interreligious encounter, you will engage with the sources, beliefs and practices which have shaped Christianity and other religious traditions. You will make guided use of primary and secondary documentation, adult learning styles and associated learning methodologies. You will learn how to critically engage with and evaluate a range of theological and religious viewpoints. Building on theological and ethical foundations, respectfully and in solidarity with others, you will learn how to contribute to personal and social transformation.

Each year, modules drawn from theology, biblical studies, religious studies, philosophy, ethics, and ancient languages will be offered for study. In your final year of study, you will have the opportunity for individual guided research, working on a topic of your choice with a supervisor on a research paper of 6,000 words.

You will be expected to complete the course in 4 to 5 years. Each module is worth 7.5 ECTS credits. You may exit the course with a Certificate (after successfully completing 8 modules), a Diploma (after successfully completing 16 modules), or the BA degree (after successfully completing 24 modules).

The course follows a 5 year cycle, with students entering the course in any of the years of the cycle. Normally a student will study between 5 and 6 modules per year.

What Will I Study?

Year 1
Paul: Apostle to the Gentiles | The Bible and Art | History of Philosophy | Introduction to Eastern Religions | Ecumenism | Faith and Revelation

Year 2
Gospels and Acts | The God Question | 20th Century Theologians | Introduction to Judaism | Bioethics: Theological and Philosophical Perspectives | Faith Development

Year 3
Hebrew Scriptures: The Pentateuch | Social Ethics: Theological Perspectives | Spirituality | Ecclesiology [Church] | Theology of the Sacraments | Religious Education: Critical Questions

Year 4
Psalms, Wisdom and Prophets | Pneumatology [Holy Spirit] | Theological Sexual Ethics | Environmental Theology and Ethical Responsibility | Liturgy | Reading Early Church Writings

CAO code
DC300

Years
4-5

Min points
N/A

Places
30-35

Future Careers
→ Further Study - Teaching
→ Adult Education
→ Community Work
→ Youth Work
→ Pastoral Work
→ Church Ministry
→ Chaplaincy
→ Interreligious and Intercultural Work

In These Areas
→ Voluntary/Community Organsiations
→ European/International Religious Agencies
→ Social Justice/Human Rights Bodies
→ Development Work
→ Research

How to Apply

Find all the information you need to make an application:

For more information, please visit
dcu.ie/registry/ug-admissions

Age Limited for Entry
Applicants wishing to undertake a Level 8 degree at DCU must be at least 16 years of age on 15 January of the year of entry.

General Entry Requirements

Applicants must present a minimum of 6 Leaving Certificate subjects at Grade O6/H7, which must include Mathematics and English **or** Irish. In addition, applicants must present at least 2 subjects at Grade H5.

In addition to the General Entry Requirements, applicants must present Specific Course Requirements, if applicable, as outlined on each course page under 'Additional Requirements'.

Candidates who meet the points requirements but not the specific course requirements, for example H4 in English for the BA in Journalism, are permitted to repeat that subject to meet the course requirements.

Leaving Certificate (LC) applicants			
Higher Grade	Points	Ordinary Grade	Points
H1	100	O1	56
H2	88	O2	46
H3	77	O3	37
H4	66	O4	28
H5	56	O5	20
H6	46	O6	12
H7	37	O7	0

Bonus Points for Honours Mathematics
25 bonus points will continue to be awarded for higher level Mathematics, at grade H6 and above in the Irish Leaving Certificate or equivalent.

Leaving Certificate Vocational Programme (LCVP) Linked Modules		
Distinction	Merit	Pass
66	46	28

Please note that LCVP link modules cannot be used as a subject for general or specific course entry requirements, but can be used for the calculation of points.

Course Entry Requirements

Additional course requirements are outlined in the summary tables on pages 181 - 185.

Leaving Certificate Mathematics Requirements
DCU does not award points for the subject of Mathematics at Leaving Certificate Ordinary Alternative or Foundation Level. However, the following courses will accept them for admissions purposes:

DC001 - Bachelor of Early Childhood Education
DC009 - Bachelor of Arts: Joint Honours
DC014 - BA in Jazz and Contemporary Music Performance
DC131 - BA in Communication Studies
DC132 - BA in Journalism
DC133 - BSc in Multimedia
DC155 - BA in Applied Language and Translation Studies
DC231 - BA in International Relations
DC232 - Bachelor of Civil Law and Society
DC235 - BSc in Education and Training
DC238 - BA in Social Sciences and Cultural Innovation
DC291 – Bachelor of Arts – Joint Honours (Media)
DC292 – Bachelor of Arts – Joint Honours (Law)
DC293 - Bachelor of Arts – Joint Honours (International Languages)
DC294 - BA in Climate and Environmental Sustainability
DC295 - Bachelor of Arts - Joint Honours (Politics)

Additional Special Course Requirements

Bachelor of Education (Honours Degree)
Please note there are specific entry requirements for DC002, DC003*, DC004* and DC005* courses. Along with holding the General Entry Requirements, the following entry requirements apply: a minimum of H5 in at least 3 subjects and a minimum of O6/H7 in 3 other subjects. Subjects must include H4 in Gaeilge (DC003; H3); O4/H7 in English; O4/H7 in Mathematics.

*DC003 Gaeltacht pathway (restricted pathway): Applicants wishing to commence the Primary BEd (English medium) through the Gaeltacht Entry Route DC003 must meet the following criteria to be eligible to apply for entry to the course, through the CAO process.

A) Be resident in a Gaeltacht Language Planning area, and

B) Must obtain at least a H3 in Leaving Certificate Irish

Apart from the requirement to meet both criteria listed above, applicants must also meet all other requirements for entry to the Primary BEd as normal and any particular matriculation requirements for the HEI they are applying to.

*DC004 Church of Ireland Centre pathway (restricted entry): If you hold a minimum H6 or O4 in Irish, you may be offered a place, but only if there are too few applicants with H4 in Irish. For more information, please **visit dcu.ie/church-of-ireland-centre**

*DC005 Irish Sign Language pathway (restricted entry): For applicants who are Deaf/Hard of Hearing and use Irish Sign Language. Applicants must meet the minimum entry requirements of DC002 but are not required to have H4 in Irish.

Leaving Certificate Subject Combinations
Certain subjects will not be scored separately if they occur in combination with subjects that are similar in content. In each case, the highest individual grade will be scored. The following 6 groups of subjects are affected by this:

1. Music and Musicianship, Music A, Music B

2. Economics, Agricultural Economics

3. Physics with Chemistry - if combined with Physics and Chemistry; only 2 best scored - if combined with Physics or Chemistry; only best scored

4. History, Economics and Economic History - if all 3 subjects are taken; only the best 2 will be scored

5. Latin, Classical Studies

6. Greek, Classical Studies

QQI - FET LEVEL 5 Applicants

DCU welcomes applicants with appropriate QQI-FET (Level 5/6) qualifications. Applicants who have a full National Framework of Qualifications Level 5 award in appropriate qualifications and modules can be admitted on a competitive basis to certain DCU courses.

QQI-FET (Level 5) entry route is a competitive entry route with a limited number of places. A quota of places are offered based on the CAO ranked order of applicants based on performance. For courses with a QQI-FET (Level 5) entry route, approximately 10% of places are retained for QQI-FET (Level 5) applicants. Application is made through the CAO.

For more information, please visit **dcu.ie/registry/ug-admissions**

General Certificate in Education GCE A Level

DCU welcomes applicants with General Certificate in Education (UK and Overseas) qualifications.

To meet the general entry requirements, applicants must meet one of the following requirements:

– 2 Grade C at GCE A Level plus 4 Grade C at GCSE Level, which must include the subjects Mathematics and English (or Irish)

– 2 Grade C at GCE A Level plus 2 Grade C at GCE AS Level plus 2 Grade C at GCSE Level, which must include the subjects Mathematics and English (or Irish)

– 2 Grade C at GCE A Level plus 1 Grade C at GCE AS Level plus 3 Grade C at GCSE Level, which must include the subjects Mathematics and English (or Irish)

Entry Requirements for GCE A levels can be found on the individual course pages.

For more information, please visit **dcu.ie/registry/ug-admissions**

EU/EEA Applicants

DCU assesses the content and knowledge levels attained from all other national and international school leaving examinations. Applicants should note that not all school leaving examinations are of a standard sufficient for admission to DCU.

For more information, EU/EFTA applicants (other than Leaving Certificate), please see student resources page at **cao.ie**

1. Applicants are assessed based on their performance in their school leaving examinations.

2. Applicants who satisfy the minimum entry requirements are ranked for admission in order of merit, based on their results in their school leaving examinations.

3. This ranking/scoring will be based on one sitting of school leaving examinations.

4. The regulations regarding general entry requirements and specific course requirements may be satisfied by results obtained from more than one sitting.

5. All those presenting EU/EEA qualifications must apply through the CAO by 1 February

For more information, please visit **dcu.ie/registry/ug-admission**s

International / Non-EU School Leaving Applicants

DCU is committed to international education and our considerable expertise will help make the application process and overall undergraduate experience more enjoyable for you. DCU provides a tailored orientation period that all students are advised to attend before beginning their studies. You will be provided with detailed information about this orientation programme before arriving at DCU.

Applying for a Degree at DCU
Applicants who apply for admission to full-time undergraduate study and are presenting with Non-EU qualification should contact the International Assessment Team directly. For more information, please visit **dcu.ie/registry/international-admissions**

EU applicants, mature applicants, or applicants applying to courses such as Nursing may be required to submit the application through the Central Applications Office (CAO) system. For more information, please visit **cao.ie**

Applications are primarily assessed based on their second level examinations. Candidates are expected to:

– Have taken school-leaving examinations of a standard that is equivalent to the Irish Leaving Certificate

– Satisfy the general entry requirements, outlined on page 174, plus course specific entry requirements, please visit **dcu.ie/courses**

– Satisfy the English language requirement, as outlined at **dcu.ie/registry/language-requirements**

For more information on international assessments, please visit, **dcu.ie/registry/international-admissions**

Information for Non-EU applications:
– Applications for 2023/2024 are accepted on an ongoing basis from October 2023 to 1 July 2024

– All non-EU candidates are advised to apply early, particularly if they are nationals of a non-EU state where a study visa is required. Places are limited, particularly in the more popular courses, so an early application is advised to avoid disappointment

– All non-EU high-achieving applications will automatically be considered for Merit Scholarships worth up to €2000 for entry in 2023/24

– Non-EU applicants who require a visa to study in Ireland should be aware of Ireland's immigration regulations. You will be required to accept an offer in a timely manner in order to complete any immigration requirements associated with studying at DCU. For more information, please visit **irishimmigration.ie**

English Language Requirements
All non-native speakers of English MUST provide evidence of competence in the English Language. For further information, please visit **dcu.ie/registry/english-non-native-speakers**

University Access Routes

Higher Education Access Route (HEAR)
The HEAR admissions route offers places on reduced points and extra college support to school leavers from socio-economically disadvantaged backgrounds.

Applicants must be under 23 years of age and a resident of the Republic of Ireland. Applicants who meet the eligibility criteria can compete for a quota of places allocated to applicants on a reduced points basis. Students who receive a HEAR offer must attend an orientation programme before the first semester begins.

More information on HEAR is available from your school Guidance Counsellor or the DCU Access Office.

For more information, please visit **accesscollege.ie** or **cao.ie or dcu.ie/access**

DCU Access Entry Route (ADER)

The ADER is for school leavers from socio-economically disadvantaged backgrounds.

Eligible students compete for a college place from a quota of reduced points places or for a number of subsidised on-campus accommodation scholarships. Applicants who get a university place through ADER also get a range of personal, academic and social support.

For more information, please visit **dcu.ie/access/access-dcu-entry-route-ader**

Disability Access Route to Education (DARE)

DARE is for school leavers who have the ability to benefit from, and succeed in, higher education but who may not meet the points requirements for their preferred course due to the effects of a disability.

Applicants must be under 23 years of age and a resident of the Republic of Ireland. Applicants will compete for a quota of college places allocated to applicants on a reduced-points basis. Students who receive a DARE offer must register with the Disability and Learning Support Services and agree on a schedule of meetings with the service.

More information on DARE is available from your school Guidance Counsellor or the DCU Disability and Learning Support Service.

For more information, please visit **accesscollege.ie** or **cao.ie or dcu.ie/disability**

DCU Performance Sports Programmes
CAO Points Concession

How to Apply

To apply for the CAO Points Concession and/or the Sport Scholarship programme applicants must complete an online application form. Please note:

– There is one application form for both programmes and you must indicate if you wish to apply for one or both programmes

– Applicants that apply for the CAO Points Concession programme must also make an application for a DCU course of study through the CAO, from early November 2023 until 1 May 2024

– DCU Performance Sport online application will open in February 2024

– The closing date for applications is 1 May 2024. The online application form is available at dcu.ie/sportscholarships

Advanced Entry

Candidates currently taking higher education studies at another institution may apply to transfer onto a similar course of study at DCU by applying via the Advanced Entry route on the CAO website. Applications will open in November each year. Not all courses facilitate advanced entry applications.

All advanced entry applications must be accompanied by transcripts and the course syllabus for your current course of study. An interview may be required as part of the application assessment. Courses that accept advanced entry applications have a limited number of places every year, so this is a competitive route.

When making an Advanced Entry application you can also apply for standard undergraduate entry using the same application form.

For more information, please visit **dcu.ie/registry/undergraduate-application-procedures-registry**

Deferred Entry - CAO

The University will endeavour to facilitate students who wish to defer their offer of a place at DCU. The following steps should be taken when making a deferred application:

1. The offer of a place should not be accepted through the CAO

2. The applicant receiving an offer should email **deferredapplications@dcu.ie** no later than two days before the CAO reply date for their offer. The email must include:

CAO Number
Degree Course Offered
Reason for wishing to defer
Applicants Contact Telephone Number

Mature Applicants

Mature applicants are those aged 23 years, or above, on 1 January in the year of entry. All candidates (presenting with EU/Non EU qualifications) applying on the grounds of mature years should apply ONLY through the CAO by 1 February.

For many DCU courses, mature application assessment is based on the CAO application and in some instances, an assessment and/or interview. 'Other' experience, apart from performance in examinations, may be taken into consideration - this may be work experience, further studies, or other such experience deemed to be relevant to the application. Interviews will take place in April either in person or remotely.

Special Cases

Mature Applicants - Bachelor of Education

– Applicants applying for the Bachelor of Education DC002, DC003, DC004 and DC005 must apply through the CAO by 1 February

– Applicants meeting the eligibility criteria will receive a supplementary form in March with instructions for completing and submitting the form to CAO

– Applicants who meet the eligibility criteria and complete the supplementary form will be invited to attend for a general interview and oral Irish test

– Applicants cannot avail of the CAO Change of Mind facility

Mature Applicants - BSc in Nursing

– All candidates applying for a DCU Nursing courses must apply through the Central Applications Office (CAO)

– Applicants are assessed by the Nursing Careers Centre (NCC) of An Bord Altranais agus Cnáimhseachais na hÉireann (Nursing and Midwifery Board of Ireland, NMBI)

– Applicants will be invited to sit a test

– Mature entry route is based on applying for a nursing/midwifery course via cao.ie by 1 February or late application date of 1 May. Applicants can also avail of the CAO July 1 Change of Mind facility.

For more information, please visit: **nursingcareers.ie** or email: **careersinformation@NMBI.ie** to request a copy of their nursing and careers booklet.

For more information, please contact the Mature Student Officer, **orla.stafford@dcu.ie** or **dcu.ie/mature-students**

For general and admission enquiries, please visit **dcu.ie/registry/ug-admissions**

Study Abroad / Occasional / Visiting Students

DCU welcomes students from outside Ireland who wish to study for one semester or one year at the University and accumulate credits towards their registered degree programme at their home university. Applications must be made directly to the Study Abroad Team by 31 May for entry in September and by 31 October for January entry.

For more information, please visit **dcu.ie/placement**

Exchange / Erasmus Applicants

DCU has many exchange agreements with universities worldwide. For more information, please visit **dcu.ie/placement**

Who to Contact

Global Recruitment Team - Questions related to studying at DCU, academic offerings, preparing applications, immigration, fees, scholarships, and student loans. For more information, please email **dcuglobalrecruitment@dcu.ie**

International Admissions - Questions relating to submission and assessment of applications and fee assessments. For more information, please email **dcuglobalrecruitment@dcu.ie**

International Student Support - Questions relating to orientation, accommodation, social activities, and any support needs once you arrive. For more information, please email **student.support@dcu.ie**

Placement Unit - Questions relating to studying at DCU as a study abroad, as an exchange or as an Erasmus student. For more information, please visit **dcu.ie/placement** or email **incoming.mobility@dcu.ie**

Recognition of Prior Learning (RPL)

DCU encourages applications based on prior learning. We believe that knowledge, skills, and experience gained in various situations can help you achieve your academic goals. While you may or may not have a formal qualification, you probably have numerous life and work experiences that we, as a higher education institution, value highly. This experience could qualify you for entry, module exemptions or even advanced entry at undergraduate or postgraduate levels.

For more information, please email **rpl@dcu.ie**

Fees and Funding

There are three elements to Undergraduate tuition fees: Tuition Fees, Student Contribution Charge, and Student Levy

Tuition Fees - Free Fees Scheme
Under the Higher Education Free Fees Scheme, the State pays the tuition fee for eligible full-time, non-repeat undergraduate, EU/EEA/UK/Swiss members who:

– Are a first-time undergraduate student

– Hold EU/EEA/UK/Swiss member nationality or official refugee status

– Have been resident in an EU/EEA/UK/Swiss member state for at least 3 of the past 5 years preceding their entry to an approved course of study

Only students who are not eligible under the Free Fees Scheme are liable to pay full tuition fees.

Students who are classified as non-EU applicants pay non-EU fees. For more information, please visit **dcu.ie/fees**

Student Contribution Charge
For the 2023/2024 academic year, full-time undergraduate Irish/EU/EEA/Swiss State students qualifying under the Free Fees Scheme are required to pay a registration fee of €3,000 per year. First instalment in September (semester 1) with second instalment in January (semester 2) each year.

Students who are not eligible for the free fees scheme, will have to pay the full Tuition Fee, the Student Contribution Charge and the Student Centre Levy.

The Student Contribution Charge may be paid by the exchequer in respect of the students who qualify under the Higher Education Grant Scheme.

Student Centre Levy
All students must pay the Student Centre and Union of Students of Ireland fee. In 2023/2024, this fee is €43 each year.

Grants
The Higher Education Grant Scheme is managed by Student Universal Support Ireland (SUSI). For more information, please visit **support@susi.ie** or **studentfinance.ie**

DCU International Academy

The international Foundation Programme is carefully designed to equip international students with the appropriate academic and English skills for their undergraduate degree at DCU. It will also help students adjust to the culture of Irish university learning. The programme is taken on a full-time basis over one academic year (2 semesters).

Your application will be assessed and if approved you will receive a firm offer to study on the foundation programme in addition to a conditional offer for your chosen undergraduate degree. Upon meeting the required exit grades of your foundation programme, you will progress to Year 1 of your chosen undergraduate degree.

For more information, please email **intl.pathways@dcu.ie** or visit **advance.dcu.ie/pathway-course/international-foundation-year-programme/**

English Language Courses
The DCU International Academy comprises an educational training centre for language and university pathway programmes. This comprehensive range of English language courses is popular among international students seeking to improve fluency, undertake international exams, acquire professional language skills for their careers, or enrol in university courses.

For more information, please visit **english.dcu.ie**

DCU IELTS Exam Centre
The International English Language Testing System (IELTS) is internationally respected and accepted for migration, study, work, and training purposes. DCU holds regular IELTS test dates for both IELTS Academic and IELTS General Training on the DCU Glasnevin campus. For further information on upcoming test dates, please visit **ieltsireland.com/register**

Application Information Summary

Undergraduate Courses: Full-time (EU Applicants)			
Category	**Closing Dates**	**Application Information**	**Contact**
Applicants taking EU school leaving/ QQI/FET Level 5/6 examinations	1 February	CAO Application Form and Handbook (CAO.ie)	Central Applications Office Tower House, Eglington Street, Galway, Ireland
Mature Applications	1 February	See note on page 178	T +353 (0)91 509 800
DCU Sports Scholarships	1 May	dcu.ie/sportscholarships	CAO.ie
Study Abroad	Semester one (Winter) 31 May Semester two (Spring) 31 October	Study Abroad Programme Application Form	**E** study.abroad@dcu.ie
Erasmus/Exchange	Semester one (Winter) 31 September Semester two (Spring) 31 October	Online application form following official nomination by home university	**E** incoming.mobility@dcu.ie
Advanced Entry	1 July	Application is made via the CAO Advanced Entry Route only CAO.ie	**E** advanced.entry@dcu.ie

Undergraduate Courses: Full-time (Non-EU applicants)			
Category	**Closing Dates**	**Application Information**	**Contact**
Non-EU Applicants taking school leaving examinations within an EU/EEA member including the Irish Leaving Certificate examinations and the GCE A Level examinations	1 February	CAO Application Form and Handbook (CAO.ie)	Central Applications Office Tower House, Eglington Street, Galway, Ireland T +353 (0)91 509 800 CAO.ie
Non-EU Applicants for Nursing Courses	1 February	See Special Cases on page 178	
Applicants presenting examinations from outside the EU/EEA (except for mature and nursing applicants)	1 February until 1 July	Undergraduate Direct Application Form dcu.ie/registry/international-admissions	dcu.ie/registry/international-admissions

Foundation Courses (all applicants)			
Category	**Closing Dates**	**Application Information**	**Contact**
Foundation Certificate in Education and Training (FCET)	Summer 2023	Apply directly to Whitehall College	Whitehall College Mobhi Road, Dublin 9, Ireland whitehallcollege.com
International Foundation	1 July	Undergraduate Direct Application Form	International Applications dcu.ie/registry/international-admissions

Note One:

General Entry Requirements
Applicants must present a minimum of 6 Leaving Certificate subjects at Grade O6/H7, which must include Mathematics **and** English or Gaeilge. In addition, applicants must present at least 2 subjects at Grade H5.

In addition to the General Entry Requirements, applicants must present Specific Course Requirements, if applicable, as outlined on each course page under 'Additional Requirements'.

Note Two:

BA in Applied Language and Translation Studies (DC155)
In addition to the General Entry Requirements for admission to the University (see NOTE ONE), the following entry requirements apply: Grade H4 at Higher level in a relevant foreign language (French, German or Spanish) at Leaving Certificate level (or equivalent). Students can spend Year 4 studying at a partner university in the country of one of their chosen language.

Music Requirements
DC009 – BA: Joint Honours - Music - In addition to the General Entry Requirements for admission to the University (see Note One), the following entry requirements apply: if an applicant accepts a place on DC009 and selects Music on the BA: Joint Honours, a written advisory test will be administered in the first week of term. For more information, please email **barbara.dignam@dcu.ie or** visit **dcu.ie/DC009**

DC014 – BA in Jazz and Contemporary Music Performance - In addition to the General Entry Requirements for admission to the University (see Note One), the following entry requirements apply: Applicants will be expected to take an audition/performance pre-registration which is followed by a short interview, which takes place late March/early April and a second round takes place in early July to accommodate Change of Mind and/or late applicants. For more information, please visit **dcu.ie/DC014**

Note Three:

Leaving Certificate Mathematics Requirements
The University does not award points for the subject Mathematics at Leaving Ordinary Alternative or Foundation Level. This subject will be accepted for admission purposes into the University courses listed on page 174.

Accredited Engineering Courses
Through international agreement made by Engineers Ireland, Chartered Engineer accreditation is recognised by the IET (UK) and by EU nations through FEANI. It is also recognised by the USA, Canada, New Zealand, Australia, and many other countries through the Washington Accord.

Only Masters awards can achieve Engineers Ireland Chartered Engineer accreditation. Upon successful completion of Year 4 of your BEng (Hons) degree, and subject to meeting the relevant entry requirements, you will have the option to continue your studies on DCU's Masters in the relevant area.

BEng and MEng in Electronic and Computer Engineering (Year 5 option) DC190

BEng and MEng in Mechatronic Engineering (Year 5 option) DC193

BEng and MEng in Mechanical and Sustainability Engineering (Year 5 option) DC194

BEng and MEng in Mechanical and Manufacturing Engineering (Year 5 option) DC195

BEng and MEng in Biomedical Engineering (Year 5 option) DC197

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Science Subject	QQI FET	Min Leaving Certifiate Points 2023	Min Leaving Certifiate Points 2022	Number of Places	Duration
DC111	Business Studies	26				O4/H6		✓	499	510	175	3/4 years
DC110	Business Studies International	28			H4	O4/H6		✓	496	499	100	4 years
DC117	Aviation Management / with Pilot Studies / with Air Traffic Controller Studies	30				O4/H6		✓	486	481	40	4 years
DC112	Global Business France	32			H4 French	O4/H6		✓	555	565	20	4 years
DC113	Global Business Germany	32			H4 German	O4/H6		✓	487	500	15	4 years
DC114	Global Business Spain	32			H4 Spanish	O4/H6		✓	566	554	15	4 years
DC116	Global Business USA	32				O4/H6		✗	613	625	5	4 years
DC119	Global Business Canada	32				O4/H6		✗	577	590	20	4 years
DC115	Accounting and Finance	34				O4/H6		✓	509	529	110	3 years
DC240	Marketing, Innovation and Technology	36				O4/H6		✓	484	496	50	4 years
DC241	Digital Business and Innovation	38				O4/H6		✓	462	507	45	4 years
DC127	Common Entry into Actuarial and Financial Mathematics	42				H3		✓	531	543	25	2 years only+
DC126	Actuarial Mathematics	44				H3		✗	577	589	30	4 years
DC180	Biological Sciences General Entry	46				O3/H6	O3/H5 Group 1*	✓	488	511		1 year only+
DC181	Biotechnology	50				O3/H6	O3/H5 Group 1*	✓	522	521	120	4 years
DC168	Genetics and Cell Biology	52				O3/H6	O3/H5 Group 1*	✓	532	543		4 years
DC163	Chemical Sciences General Entry	54				O3/H6	O3/H5 Group 1*	✓	405	465		1 year only+
DC161	Analytical Science	58				O3/H6	O3/H5 Group 1*	✓	432	476	117	4 years
DC162	Chemical and Pharmaceutical Sciences	60				O3/H6	O3/H5 Group 1*	✓	499	532		4 years
DC166	Environmental Science and Technology	62				O3/H6	O3/H5 Group 1*	✓	441	444		4 years
DC175	Physics General Entry	64				O3/H6	O3/H5 Group 2**	✓	402	422	68	1 year only+
DC202	Sport Science and Health	68				O4/H6	O4/H6 Group 1*	✓	520	522	45	4 years
DC204	Athletic Therapy and Training	70				O4/H6	O4/H6 Group 1*	✓	555	554	28	4 years

+ Specialisation after Year 1 or Year 2

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Science Subject	QQI FET	Min Leaving Certificate Points		Number of Places	Duration
									2023	2022		
DC205	Physical Education with Biology	72				O4/H6	O4/H6 Group 1*	✓	556	565	30	4 years
DC206	Physical Education with Mathematics	74				O1/H6	O4/H6 Group 1*	✓	501	532	30	4 years
DC208	Psychology	76				O4/H6		✗	534	543	40	4 years
DC207	Psychology and Mathematics	78				H3		✗	480	520	10	4 years
DC210	Psychology and Distruptive Technologies	80				O4/H6		✗	473	518	20	4 years
DC209	Health and Society	82				O6/H7	O6/H7 Group 1*	✓	440	498	45	3 years
DC215	General Nursing	84				O6/H7	O6/H7 Group 1*	✓	389	447	250	4 years
DC216	Mental Health Nursing	84				O6/H7	O6/H7 Group 1*	✓	330	414		4 years
DC217	Intellectual Disability Nursing	84				O6/H7	O6/H7 Group 1*	✓	316	381		4 years
DC218	Children's and General Nursing	84				O6/H7	O6/H7 Group 1*	✓	487	521		4.5 years

Group One – Science Courses*

Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science, Computer Science

Group Two – Science Courses**

Physics, Chemistry, Biology, Physics with Chemistry, Applied Mathematics

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Science Subject	QQI FET	Min Leaving Certificate Points		Number of Places	Duration
									2023	2022		
DC200	Engineering Common Entry	90				H4***		✓	521	543	100	1 year only+
DC190	Electronic and Computer Engineering	92				H4***		✓	500	501	30	4 years
DC193	Mechatronic Engineering	96				H4***		✓	501	510	30	4 years
DC194	Mechanical and Sustainability Engineering	98				H4***		✓	494	509	30	4 years
DC195	Mechanical and Manufacturing Engineering	100				H4***		✓	509	511	30	4 years
DC197	Biomedical Engineering	102				H4***		✓	531	544	30	4 years
DC189	Global Challenges	104				O2/H5		✓	433	413	30	4 years
DC120	Computing for Business	106				O4/H6		✓	418	419	110	4 years
DC121	Computer Science	108				O4/H6		✓	498	498	200	4 years
DC123	Data Science	110				H3		✓	501	500	40	4 years

*** H4 Mathematics OR H4 Applied Mathematics with H5 in Mathematics

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Science Subject	QQI FET	Min Leaving Certificate Points 2023	Min Leaving Certificate Points 2022	Number of Places	Duration
DC001	Early Childhood Education	114	General Entry Requirements Apply, see page 174					✓	419	409	65	4 years
DC002	Bachelor of Education	116	H4	O4/H7		O4/H7		✗	487	506	400	4 years
DC003*	Bachelor of Education (Gaeltacht Route)	116	H3	O4/H7		O4/H7		✗	453	478		4 years
DC004*	Bachelor of Education (CICE Route)	116	H4	O4/H7		O4/H7		✗	401	426	32	4 years
DC005*	Bachelor of Education (Deaf Hard of Hearing Route)	116		O4/H7		O4/H7		✗	N/A	N/A	6	4 years
DC010	Religious Education and English	120	General Entry Requirements Apply, see page 174					✓	398	420	45	4 years
DC011	Religious Education and History	120	General Entry Requirements Apply, see page 174					✓	411	408	40	4 years
DC012	Religious Education and Music	120	General Entry Requirements Apply, see page 174					✓	420	368	20	4 years
DC013	Gaeilge and French or German or Spanish	124	H3		H3			✗	442	441	35	4 years
DC015	Technology, Engineering and Graphics	126				O3/H7		✓	409	N/A	30	4 years
DC203	Science and Mathematics Education	128				O1/H6	O4/H6	✓	434	413	30	4 years
DC235	Education and Training	130	General Entry Requirements Apply, see page 174					✓	336	337	35	3/4 years
DC131	Communication Studies	148		H4				✓	400	412	75	3 years
DC132	Journalism	150		H4				✓	388	432	45	3 years
DC133	Multimedia	152		H4				✓	412	440	65	3 years
DC014	Jazz and Contemporary Music Performance	154	General Entry Requirements Apply, see pages 174 and 181					✓	305	393	20	4 years
DC118	Gnó agus Gaeilge (Business and Irish)	156	O1/H4					✓	387	331	11	3/4 years
DC155	Applied Language and Translation Studies	160			H4 see pages 160 and 181			✓	442	431	40	3/4 years
DC238	Social Sciences and Cultural Innovation	162	General Entry Requirements Apply, see page 174					✓	338	395	45	3/4 years
DC294	Climate and Environmental Sustainability	164	General Entry Requirements Apply, see page 174					✓	473	473	23	3/4 years
DC230	Economics, Politics and Law	166				O4/H6		✓	440	443	95	3/4 years
DC231	International Relations	168			H4**			✓	388	376	70	3/4 years
DC232	Law and Society	170	General Entry Requirements Apply, see page 174					✓	476	498	90	3/4 years

* Restricted Entry

** If you register for one of the language streams, then a minimum of H4 in French or German or Spanish is required

CAO Code	Course Title	Page Number	Entry Requirements	QQI FET	Min Leaving Certificate Points		Number of Places	Duration
					2023	2022		
DC009	Arts: Joint Honours	136	Up to 2 subjects are permitted, see page 137 for subject combinations	✓	360	389		
	English	138	General Entry Requirements Apply					
	Gaeilge	138	O1/H4					
	Geography	139	General Entry Requirements Apply					
	History	140	General Entry Requirements Apply				275	3/4 years
	Human Development	140	General Entry Requirements Apply					
	Music	143	See page 181					
	Philosophy	144	General Entry Requirements Apply					
	World Religions and Theology	145	General Entry Requirements Apply					
DC291	Joint Honours: Media Studies	136	Plus choose 1 from English or International Languages or Politics	✓	368	388		
	Media Studies	143	H4 (English)					
	English	138	General Entry Requirements Apply					
	International Languages	141	H4 (French or German or Spanish)					
	Politics	144	General Entry Requirements Apply					
DC292	Joint Honours: Law	136	Plus choose 1 from History or International Languages or Media Studies	✓	379	399		
	Law	142	General Entry Requirements Apply					
	History	140	General Entry Requirements Apply					
	International Languages	141	H4 (French or German or Spanish)					
	Media Studies	143	H4 (English)				203	3/4 years
DC293	Joint Honours: International Languages	136	Plus choose 1 from Gaeilge or Politics	✓	392	388		
	International Languages	141	H4 (French or German or Spanish)					
	Gaeilge	138	O1/H4 Gaeilge					
	Politics	144	General Entry Requirements Apply					
DC295	Joint Honours: Politics	136	Plus choose 1 from Geography or History or Law or World Religions and Theology	✓	357	367		
	Politics	144	General Entry Requirements Apply					
	Geography	139	General Entry Requirements Apply					
	History	140	General Entry Requirements Apply					
	Law	142	General Entry Requirements Apply					
	World Religions and Theology	145	General Entry Requirements Apply					

General Entry Requirements Apply, see page 174

Explanation of Unfamiliar Terms

Some of the terms in this Prospectus may not be familiar to you.
We have therefore provided a glossary to help you to understand them.

Bachelors Degree: A primary degree, usually called and undergraduate degree. This normally requires 3/4 years of full-time study. All DCU undergraduate degree are honours courses, Level 8 NFQ.

Credits: Each module carries a number of credits (on average five) and you are expected to complete enough modules in a year to amount to 60 credits. This would mean taking 12 modules in a year or six per semester.

Core modules: These are compulsory modules that you must complete.

Discipline: A subject area you will be studying, for example, business, marketing, computing, physics, law, biology or politics.

Elective
An optional module or subject that you may select.

Faculty: A group of departments in a college that specialise in a particular subject or group of subjects.

Graduate: A student who has received an academic degree or diploma.

Hackathon: Is a 24 hour event in which a large number of students meet to engage and establish a collaborative environment to build, create, produce and deliver a product/solution/idea in a short amount of time.

Hybrid Learning
Lectures that are primarily delivered online with students attending some face-to-face on-campus laboratory classes, practical sessions and small group interactions.

Interdisciplinary: Involving two or more disciplines taken together that would usually be considered separate from each other, such as marketing and engineering or business and languages.

Intervarsity: Competition between different universities or colleges.

Module: Each course is made up of modules which are different topics that are essential to your learning.

NQT: Newly Qualified Teacher.

Postgraduate: A student who continues studies after graduation.

Semester: A division of an academic year, 15 weeks in length . In DCU, the year is divided into 2 semesters, September-December and January-May with exams at the end of each semester.

Specialism: The concentration on a particular field of study, such as marketing or HR management, software engineering or information systems.

Tutorials: Small group discussions that compliment lectures.

Optional modules: You are often provided with a list of modules you can choose to take along with the required core modules to make up the required 60 credits in a year.

Getting to campus at DCU

Active Commuting

By Bus
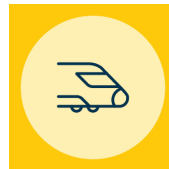
By Train

There are currently 3 bike sharing/hiring schemes open to DCU students.
bleeperbike.com
mobybikes.com
tier.app/en

By Car

By Sea/Air

TFI TRANSPORT FOR IRELAND

transportforireland.ie/
plan-a-journey/

For more information, please visit **dcu.ie/travel-to-dcu/getting-to-campus**

Teaching Council

Teaching Council Information
The Teaching Council was established on a statutory basis in March 2006 to promote teaching as a profession at primary and post-primary levels, to promote the professional development of teachers and to regulate standards in the profession.

Specifically, its functions are:
- To promote teaching as a profession
- To promote the continuing professional development of teachers
- To establish and maintain a register of teachers
- To establish, publish, review and maintain Codes of Professional Conduct for Teachers, which include teaching knowledge, skill and competence
- To regulate the teaching profession
- To maintain and improve standards of teaching, knowledge, skill and competence

The following degrees are recognised as concurrent teacher education courses by the Teaching Council for registration as teachers with no further teacher training qualifications required:

Degree	Page Number	Subjects
Primary teaching:		
Bachelor of Education (BEd) (DC002 and DC003)	116	
Bachelor of Education (BEd) – CIC Restricted Entry (DC004)	116	
Post-primary teaching:		
Bachelor of Religious Education and English (DC010)	120	Religious Education, English
Bachelor of Religious Education and History (DC011)	120	Religious Education, History
Bachelor of Religious Education and Music (DC012)	120	Religious Education, Music
BSc in Science and Mathematics Education (DC203)	128	Mathematics and Chemistry / Mathematics and Physics
BSc in Physical Education with Biology (DC205)	72	Physical Education, Biology
BSc in Physical Education with Mathematics (DC206)	74	Physical Education, Mathematics
Bachelor of Education in Gaeilge and French or German or Spanish (DC013)	124	Gaeilge (plus one of) French, German or Spanish
Bachelor of Education in Technology, Engineering and Graphics (DC015)	126	Technology, Engineering, Design and Communication Graphics

Other degrees:

Holders of other DCU degrees are eligible to seek registration as a post-primary teacher, provided that;

(a) they meet the subject requirements as laid down by the Teaching Council and

(b) they complete an acceptable postgraduate teacher training qualification (e.g., the Professional Masters in Education) or its equivalent.

The following degrees (dependent on module choices) meet the requirements as set down by the Teaching Council for registration in respect of subjects below:

Degree	Page Number	Subjects
Bachelor of Business Studies (DC111)	26	Business Studies
BA in Accounting and Finance (DC115)	34	Accounting, Business
BA in Economics, Politics and Law (DC230)	166	Economics, CSPE
BSc in Education and Training (DC235)	130	CSPE
BA in Applied Language and Translation Studies (DC155)	160	French, German, Japanese, Spanish
BSc in Computer Science (DC121)	108	Computer Studies
BSc in Analytical Science (DC161)	58	Biology, Chemistry
BSc in Chemical and Pharmaceutical Sciences (DC162)	60	Chemistry
BSc in Actuarial Mathematics (DC126)	44	Mathematics*
BSc in Psychology and Mathematics (DC207)	78	Mathematics*
Common Entry into Actuarial and Financial Mathematics (DC127)	42	Mathematics*
Bachelor of Arts: Joint Honours (DC009, DC291-DC293 & DC295)	136	CSPE, English, French, Gaeilge, German, Geography, History, Music, Religious Education, Spanish
BSc in Biotechnology (DC181)**	50	Biology
BSc in Genetics and Cell Biology (DC168)**	52	Biology
BSc in Chemistry with Artificial Intelligence (via DC163)**	57	Chemistry
BSc in Physics with Data Analytics (via DC175)**	64	Physics
BSc in Applied Physics (via DC175)**	64	Physics
BSc in Physics with Astronomy (via DC175)**	64	Physics
BSc in Physics with Biomedical Sciences (via DC175)**	64	Physics
BSc in Environmental Science and Technology (DC166)**	62	Chemistry/Biology

*   Graduates of this course are well placed to undertake a postgraduate qualification in teaching, and have completed over 90% of the mathematics required for Teaching Council recognition. For further details contact the Teaching Council.

** With an appropriate selection of modules graduates applying for registration on or after the 1 January 2023 will meet the Teaching Council subject curricular requirements.

For further information contact:

Teaching Council, Block A Maynooth Business Campus, Maynooth, Co. Kildare, W23 Y7XO

LoCall 1890 224 224   **T** +353 (0) 1 651 7900   **E** info@teachingcouncil.ie   www.teachingcouncil.ie

Course / CAO Code Index

General Index

Useful DCU Contact Details

Main Receptions
T +353 (0) 1 700 5000 – Glasnevin Campus
T +353 (0) 1 700 9000 – St Patrick's Campus Drumcondra
T +353 (0) 1 700 5800 – All Hallows Campus Drumcondra
E reception@dcu.ie   dcu.ie

Access Office
T +353 (0) 1 700 8052 – Glasnevin Campus
T +353 (0) 1 700 9213 – St Patrick's Campus Drumcondra
   dcu.ie/access

Accommodation Office
T +353 (0) 1 700 5736
E campus.residences@dcu.ie   dcuaccommodation.ie

Admissions (undergraduate)
T +353 (0) 1 700 5338
   dcu.ie/registry/ug-admissions

Disability Access Route to Education (DARE)
T +353 (0) 1 700 5927
E disability.service@dcu.ie   dcu.ie/disability

Fees Office
T +353 (0) 1 700 5875
E fees@dcu.ie   dcu.ie/fees

Global Office
T +353 (0) 1 700 7411
E dcuglobalrecruitment@dcu.ie   dcu.ie/global

Health Centre
T +353 (0) 1 700 5143 – Glasnevin Campus
E healthservices@dcu.ie
T +353 (0) 1 700 9215 – St Patricks Campus Drumcondra
E spd.healthcentre@dcu.ie   dcu.ie/health

Higher Education Access Route (HEAR)
T +353 (0) 1 700 8052
E hear@dcu.ie   dcu.ie/access

Mature Student Office
T +353 (0) 1 700 7165
E orla.stafford@dcu.ie   dcu.ie/mature-students

Student Recruitment Office
T +353 (0) 1 700 7183 / 6846 / 8145 / 8510
E studenthelp@dcu.ie   dcu.ie/studentrecruitment

Student Support and Development
T +353 (0) 1 700 7165 – Glasnevin Campus
T +353 (0) 1 700 9018 – St Patrick's Campus Drumcondra
E student.support@dcu.ie   dcu.ie/students

Students' Union Office
T +353 (0) 1 700 5392
E suhelpdesk@dcu.ie   dcusu.ie

Other Useful Contact Details

Central Applications Office (CAO)
T + 353 (91) 509 800
E info@cao.ie   cao.ie

Student Universal Support Ireland (SUSI)
T 0761 08 7874
E support@susi.ie   susi.ie

Teaching Council
T +353 (0) 1 651 7900
E info@teachingcouncil.ie   teachingcouncil.ie

Disclaimer

The information given in this publication is intended as a guide to persons seeking admission to Dublin City University and shall not be deemed to constitute a contract or the terms thereof between the University and an applicant or any third party, or representations concerning same.

Dublin City University is not responsible and shall not be bound by errors in or omissions from this publication; the University reserves the right to revise, amend, alter or delete programmes of study and academic regulations at any time by giving such notice as may be determined by Academic Council in relation to any such change.

Your Wellbeing and Safety

The wellbeing and safety of our students is a key priority for us here at DCU, and Our DCU Care & Connect initiative and our SafeZone app reflect just some of the ways that we support our students.

DCU Care & Connect

DCU Care & Connect is a whole-of-university approach to positive mental and physical health and student wellbeing.

Care & Connect brings together a number of services and supports for students under a single umbrella, which is dedicated to the advancement of the health and wellbeing experience in DCU.

Find out more at **dcu.ie/careandconnect**

SafeZone App

Our free SafeZone app allows students round-the-clock quick access to wellbeing assistance, first aid and DCU security via their mobile phone

Find out more at **dcu.ie/safezone**

DCU Open Days
2023-2024

November Open Days:
Friday 17 and Saturday 18
November 2023

CAO Information Session:
Tuesday 16 January 2024
(Virtual)

Spring Open Day:
Saturday 13 April 2024

TY Open Day:
Thursday 2 May 2024

June Open Day:
Wednesday 26 June 2024

**For more information
visit: dcu.ie/CAO**

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