



Undergraduate Prospectus 2026



Guiding you to Greatness

Our campaign visually celebrates each student's unique journey.

Vibrant, intersecting symbols and colours represent diverse paths and disciplines, converging at the heart of our University - a central hub of collaboration and community, illustrating that every student's personal story is guided by the University's support, illuminating their path to success.

This visual tapestry of knowledge and connections highlights our collective impact and reputation, proving that we guide you not just to a degree, but to your greatness.



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President's Welcome

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



At DCU, we are committed to giving you the 'transformative student experience' that you deserve. I hope that this prospectus gives you a sense of how our innovative courses, dedicated staff, world-class facilities, and life-changing opportunities achieve this aim – developing graduates who are ready for success in the workplace and the world.

I am proud to say that the excellence of DCU's offering, across its five faculties, is reflected in the recent global university rankings. We are among the **Top 400** universities worldwide and are **Ireland's No.1 Young University**.

Thanks to our groundbreaking **INTRA programme**, **more than 80%** of our courses include a paid internship, offering students vital real-world experience in their chosen field. This contributes to DCU's **95% graduate employment rate**, one of the best in Ireland.

Of course, life at DCU is more than just academic and professional achievement. Students from over **130 nationalities** contribute to a friendly and diverse campus atmosphere. Meanwhile, more than **120 clubs and societies**, state-of-the-art sports facilities, and rewarding volunteering opportunities help students to foster personal growth and strike up lifelong friendships.

We understand, too, that the transition to university can be daunting at times. That's why our Student Support and Development team are always on hand to support students with any questions or challenges they may have. This is part of DCU's 'people first' approach, which aims to ensure 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 visit us on campus to see for yourself what life at DCU is like. I look forward to seeing you here!

Regards,

A handwritten signature in black ink, reading 'Dáire Keogh'.

Prof Dáire Keogh
President, Dublin City University

Experience the DCU Difference...



We are Employable

DCU graduates are the highest earners

CSO Graduate Income Survey



We are Excellent

Ranked in the Top 400 of the world's universities

Times Higher Education



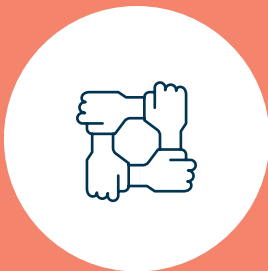
We are Lively

Spark your interests at one of our 120 clubs and societies



We are Career-Focused

80% of our courses have paid work placement



We are Diverse

DCU's student body consists of 130 different nationalities



We are Future-Ready

95% of our graduates are in employment or further study six months after graduation

HEA Graduate Outcomes

Studying in Dublin

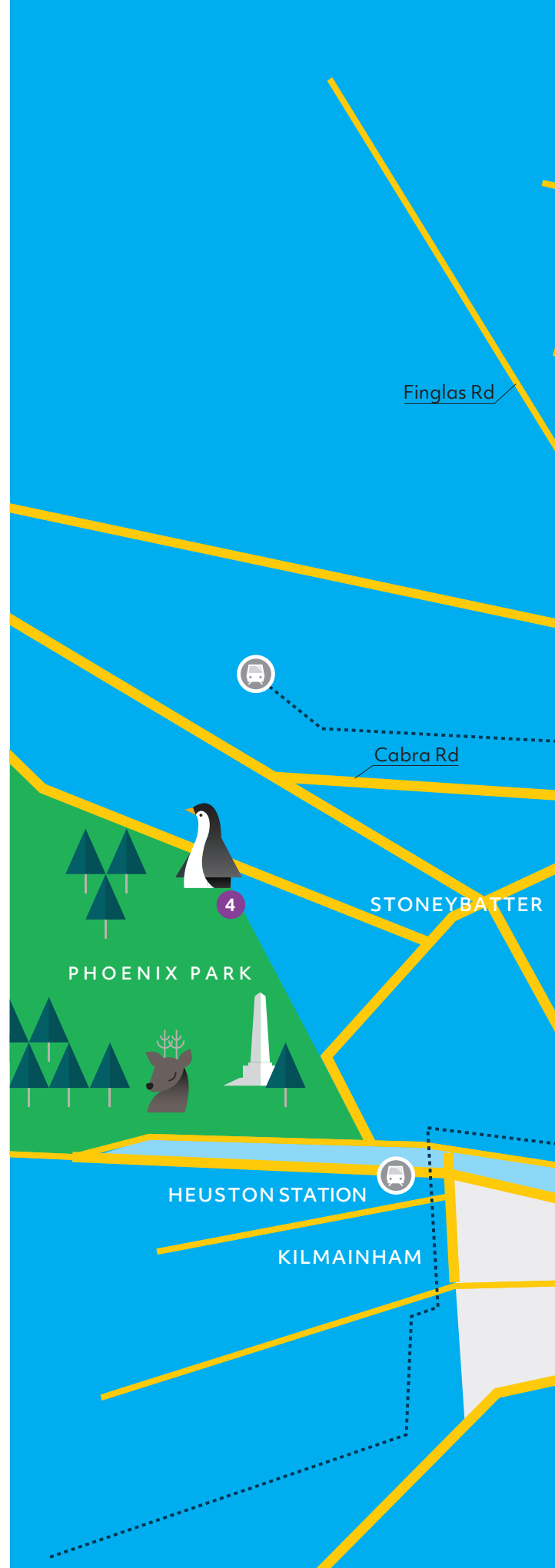
Whoever you are and wherever you are from, the city of Dublin probably doesn't need much introduction.

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.

- | | |
|-------------------------------|--------------------------------|
| 1 Botanic Gardens | 8 Christ Church Cathedral |
| 2 The Casino of Marino | 9 St Patrick's Cathedral |
| 3 Croke Park | 10 St Stephen's Green |
| 4 Phoenix Park & Dublin Zoo | 11 National Gallery of Ireland |
| 5 The Hugh Lane Gallery | 12 National Museum of Ireland |
| 6 The Spire, O'Connell Street | 13 The Aviva Stadium |
| 7 The 3 Arena | |





MORTON STADIUM



DUBLIN AIRPORT
15 minutes
from the city

SPORTS GROUNDS

Glasnevin Avenue

Collins Avenue

GLASNEVIN CAMPUS

BOTANIC GARDENS



St Mobhi Rd

ST PATRICK'S CAMPUS

Griffith Park

ALL HALLOWS CAMPUS

Lower Drumcondra Rd

DRUMCONDRA

North Circular Rd

FAIRVIEW PARK

MALAHIDE /HOWTH

CLONTARF

DUBLIN BAY



North Strand Rd

SUMMERHILL

Dorset St

PHIBSBOROUGH

CONNOLLY STATION

Parnell St

O'Connell St

SMITHFIELD

RIVER LIFFEY

GRAND CANAL DOCK

TEMPLE BAR

Grafton St

Student Testimonials



"It offers you the best of both worlds in terms of being able to study and travel."

Ewa

Global Business (Canda)

dcu.ie/ewa



"The sky's the limit and college life really is whatever you make out of it, so reach for the stars!"

Leo

Climate and Environmental Sustainability

dcu.ie/leo





"It gave me the tools to look after an athlete from the moment they get injured right up until they take their first steps back onto the field."

George

Athletic Therapy and Training

dcu.ie/george



"I learned how to collaborate with teams and how to communicate at a professional level."

Sol

Mechanical and Sustainability Engineering

dcu.ie/sol



Your Career Starts Here

DCU's graduates have real-world skills that are recognised and sought after by some of Ireland's top employers - here's why



INTRA (INtegrated TRaining) Placement

One of the key factors that makes DCU students so employable is our INTRA work placements. INTRA gives you an opportunity to gain relevant 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

Erasmus and Exchange Opportunities for DCU Students

At DCU, students across many degree programmes have the exciting opportunity to take part in international mobility through Erasmus+ (within Europe) or Exchange (outside Europe) programme. These experiences allow students to study at one of DCU's partner universities, gain international experience, and enhance their academic and personal development.

The availability and structure of these opportunities depend on the specific degree programme.

Students interested in Erasmus or Exchange should consult with their course chair early in their degree to explore their options, understand eligibility requirements, and begin planning. Participating in a mobility programme not only enriches the academic journey but also boosts employability and global outlook.

For more information, please visit dcu.ie/placement

One of Ireland's top-ranked universities for graduate employment rate

Thanks to DCU's strong connections with employers, our students can gain INTRA work placement experience and career opportunities with some of Ireland's leading companies and organisations.



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

With over 120 clubs and societies active throughout all three DCU campuses, you're sure to find a few that will spark your interests - whether you fancy trying your hand at rock climbing, Dungeons & Dragons, drama or ultimate frisbee.

Joining a club or society is one of the best ways to make new friends on campus, develop your skills and immerse yourself in student life - and they're a great way to take a welcome and active break from your studies.

DCU's clubs and societies are managed by students, for students - and getting involved with their committees is also a great way to give back, with the added benefit of enhancing your organisational and leadership skills to include on your growing CV.

Can't find a club or soc you like? Create your own and find students who share your passion in robotics, Kpop or kayaking - the sky's the limit!

For more information, please visit dcustudentlife.ie



Clubs Archery **Athletics** Badminton **Basketball (Ladies)**
 Basketball (Men's) **Boxing** Camogie **Canoe** Caving
Cricket Cycling & Triathlon **Fencing** Gaelic Football (Ladies)
Gaelic Football (Men's) Golf **Gym & Tramp** Hiking **Hockey**
 Hurling **Mixed Martial Arts** Rock Climbing **Rowing** Rugby
 (Ladies) **Rugby (Men's)** Soccer **Sub Aqua** Surf'n Sail **Swimming**
& Waterpolo Table Tennis **Tennis** Ultimate Frisbee **Volleyball**
Societies Accounting & Finance **Africa** Airsoft **Amnesty**
International An Cumann Gaelach **Anime & Manga**
 Arts & Crafts **Aviation** BAME Law & Government
Believers Loveworld Bridge **Chess & Checkers** Chinese
Christian Union Climate Action and Sustainable Living
Connected DCU Creative Writing **Dance** Darts **Debate**
 DJ **Drama** Dungeons & Dragons **Eastern European** ELSA
Engineering Enterprise **Erasmus Student Network** Esport
Feminist Filipino **Film** Financial & Actuarial Mathematics
FLAC Formula Student **Fotosoc** French **Games** German
Glee Global Business **HeadstARTS** Her Campus **History**
 Indian **International Business** International Relations
Investment Islamic **Japanese** Karting **Kpop** Law **LGBTA**
 Mature Students **Media Production** Movement Art
Music Ogra Fianna Fail **Orchestra** Outdoor Adventure
Poker Politics **Pool & Snooker** Postgraduate **Psychological**
 Raising & Giving **Redbrick** Saint Dominic Catholic **Science**
& Health Snowsports **Space & Robotics** Spanish **Student**
Business Consulting Style **Trad Soc** Yoga **Young Fine Gael**

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 of students have represented Ireland at European, International and 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 36 student-run clubs.

Further information, please visit
dcu.ie/dcusport



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 Sport 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

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/dcusport

High Performance Facilities

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

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

Our St Patrick's Campus is home to a full sized 4G astro turf pitch and a newly renovated fully equipped weights room.

Finally, our high-performing athletes also gain access to our Glasnevin campus sports facilities where we offer a newly refurbished weights gym, cardio zone, studios for classes and a 25 metre swimming pool, all to compliment the needs of our athletes.

Sports Complex - Glasnevin Campus

Our award-winning sports complex has everything you need to reach your fitness goals. Whether you are hitting the weights in our newly refurbished gym, swimming laps in our 25-metre pool, or unwinding in the spa facilities, we have got you covered. Or choose a fitness class like Metcon, Spin, or Pilates. The Sports Complex is also the training centre for many of DCU's sports clubs, including swimming, badminton, basketball, soccer, boxing and rock climbing.

St Patrick's Campus

St Patrick's Campus has a gym, with new resistance machines, cardio machines and free weights. The campus has 2 sports halls, a full-size GAA astro-turf pitch that can host many different sports and a grass training area.

Morton Stadium

DCU operates the National Athletics Stadium, Morton Stadium in Santry, which is the training base for DCU Athletics Club. DCU has invested heavily in redeveloping the facilities, installing a top-class Mondo outdoor track, and developing the indoor facilities, including a state-of-the-art high-performance gym.

For more information on how you can access our fantastic facilities and membership options, please visit dcu.ie/dcusport, download our app or check out our Facebook and Instagram pages to stay up-to-date.



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 and Mature students
- **Autism Friendly Coordinator** provides support to neurodiverse students
- **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
- **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
- **DCU Healthy** our University-wide approach to Health and Wellbeing
- **Financial Assistance Service** helps students facing financial challenges
- **Health Centre** provides nurse-led medical care to registered students
- **Library Service** runs state-of-the-art libraries on each of our three campuses
- **Maths Learning Support** offers in-person drop-in service during semester for registered students
- **Parents/Guardians** information to help families support students from afar
- **Safe Zone** app gives quick access to emergency services, first aid and DCU security
- **Student Advice and Support Centre** is your one-stop shop for general advice, course concerns, international student support, settling in or personal and extenuating circumstances, academic writing, exam preparation, effective reading strategies etc
- **Students' Union** represents all students who are automatically registered as members of the DCU Students' Union
- **Writing Centre** is the go-to place for students academic writing needs

For more 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 five single ensuite bedrooms, 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.

We also offer accommodation in O'Donnell House which is on the All Hallows Campus, walking distance from St Patrick's Campus. These are single occupancy rooms with shared bathroom / kitchen facilities.

All applicants can apply for on-campus accommodation from February 2026 on the DCU accommodation website.

There is a €50 administration fee to enter the lottery for places. The first round of offers will be made after the lottery in April. Unsuccessful applicants will then automatically be included in any future room lotteries based on cancellations.

For more information, please scan the QR code or visit **dcu.ie/accommodation**

T +353 1 700 5736

E campus.residences@dcu.ie



Find out more about DCU



Choosing your course and university is an important decision. To discover what DCU has to offer, explore our website or meet us in person at one of our regular Open Days or during school visits, where we provide 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 provide you with a comprehensive overview of DCU's courses, along with insights into student life and the various study pathways available at DCU.

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

Career Fairs

DCU participates in Institute of Guidance Counsellors regional fairs.

Campus Tours

We invite school groups to visit our campus during specific times throughout the year.

To arrange a visit please email studentrecruitment@dcu.ie

Chat with our Student Ambassadors

Have questions about a DCU course or student life at DCU? Our online Unibuddy platform lets you chat directly with current students to learn about their experiences at DCU.

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

Let us keep in touch with you

Scan the QR code or go to dcu.ie/studentrecruitment/keep-in-touch-cao



 @TeamDCU



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

November Open Days

Friday 14 and Saturday 15
November 2025

FET QQI Open Day

Tuesday 2 December 2025

CAO Information Evening

Thursday 15 January 2026 (Virtual)

Spring Open Day

Saturday 18 April 2026

Transition Year Open Day

Tuesday 5 May 2026

June CAO Change of Mind Information Day

Wednesday 24 June 2026

For more information, please scan
the QR code or visit

dcu.ie/studentrecruitment/dcu-open-days



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

Business Studies	24
Business Studies International	26
Global Business [France, Germany, Spain, USA, Canada]	28
Aviation Management / Aviation Management with Pilot Studies / Aviation Management with Air Traffic Controller Studies	30
Accounting and Finance	32
Marketing, Innovation and Technology	34
Digital Business and Innovation	36
Gnó agus Gaeilge [Business and Irish, Irish-medium]	154
Economics, Politics and Law	164
Computing for Business	102

Science and Health

Chemical Sciences

Chemical Sciences General Entry	52
Chemistry with Artificial Intelligence	54
Analytical Science	56
Chemical and Pharmaceutical Sciences	58
Environmental Science and Technology	60
Science and Mathematics Education	126

Physical Sciences

Physics General Entry	62
Physics with Data Analytics	62
Applied Physics	62
Physics with Astronomy	62
Physics with Biomedical Sciences	62
Environmental Science and Technology	60
Science and Mathematics Education	126

Biotechnology

Biological Sciences General Entry	44
Bioprocessing	47
Biotechnology	48
Genetics and Cell Biology	50
Environmental Science and Technology	60

Health and Human Performance

Athletic Therapy and Training	68
Physical Education with Biology	70
Physical Education with Mathematics	72
Sport Science and Health	66

Nursing

Nursing – General	82
Nursing – Mental Health	82
Nursing – Intellectual Disability	82
Nursing – Children's and General, Integrated	82
Health and Society	80

Psychology

Psychology	74
Psychology and Mathematics	76
Psychology and Disruptive Technologies	78

Mathematical Sciences

Actuarial Mathematics	42
Common Entry into Actuarial and Financial Mathematics	40
Science and Mathematics Education	126

Engineering and Computing

Electronic Engineering

Common Entry into Engineering	88
Electronic and Computer Engineering	90
Mechatronic Engineering	94
Mechanical and Sustainability Engineering	96

Mechanical and Manufacturing Engineering

Common Entry into Engineering	88
Biomedical Engineering	100
Mechatronic Engineering	94
Mechanical and Manufacturing Engineering	98

Computing

Computing for Business	102
Computer Science	104
Data Science	106

Education

Bachelor of Education in Early Childhood	110
Bachelor of Education - Primary Teaching	112

Education (Post-Primary Teaching)

Religious Education and English	116
Religious Education and History	116
Religious Education and Music	116
Bachelor of Education in Gaeilge and French or German or Spanish	120
Bachelor of Education in Technology, Engineering and Graphics	122
Bachelor of Education in Home Economics and Technology	124
Science and Mathematics Education	126
Physical Education with Biology	70
Physical Education with Mathematics	72
Education and Training	128
Foundation Programme in Education and Training [FPET]	130

Humanities and Social Sciences

Communications

Communication Studies	146
Journalism	148
Multimedia	150
Social Sciences and Cultural Innovation	160
Bachelor of Arts: Joint Honours	134

Languages

Applied Language and Translation Studies [French, German, Spanish, Chinese, Japanese]	158
Gnó agus Gaeilge [Business and Irish, Irish-medium]	154
Global Business [France, Germany, Spain]	28
Business Studies International [French, German, Spanish, Chinese, Japanese]	26
Bachelor of Arts: Joint Honours	134
Bachelor of Education in Gaeilge and French or German or Spanish	120

Economics, Politics, Law and Government

Bachelor of Arts: Joint Honours	134
Climate and Environmental Sustainability	162
Civil Law (BCL)	168
Economics, Politics and Law	164
International Relations	166
Social Sciences and Cultural Innovation	160

Arts

Bachelor of Arts: Joint Honours	134
Subjects offered on the Bachelor of Arts include: English, Gaeilge, Geography, History, Human Development, International Languages (French, German, Spanish), Law, Media Studies, Music (Restricted Entry), Philosophy, Politics, World Religions and Theology	
Bachelor of Arts Single Module	144

Music (Restricted Entry Courses)

Jazz and Contemporary Music Performance	152
Bachelor of Arts: Joint Honours [Music with Second Subject]	134
Religious Education and Music	116





- 24 Bachelor of Business Studies
- 26 Bachelor of Business Studies International
- 28 BA in Global Business France
BA in Global Business Germany
BA in Global Business Spain
BA in Global Business USA
BA in Global Business Canada
- 30 BSc in Aviation Management/with Pilot Studies/
with Air Traffic Controller Studies
- 32 BA in Accounting and Finance
- 34 BSc in Marketing Innovation and Technology
- 36 BSc in Digital Business and Innovation

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 the opportunity to shape the future of business. Our graduates work in large global companies, SMEs, and even launch their own ventures across various industries worldwide.

DCU Business School is internationally accredited by EQUIS, AACSB, and AMBA, placing us in the top 1% of business schools worldwide. Achieving the 'triple crown' of accreditations, along with the Small Business Charter award from the Chartered Association of Business Schools, marks us as the only business school in the Republic of Ireland with these distinctions. You can be confident that we meet the highest international standards in teaching, research, and student support, providing a firm educational foundation that sets you apart.

At DCU Business School, we place innovation at the heart of everything we do. Our Year 1 students participate in the groundbreaking module, Learning Innovation for Enterprise (LIFE), which has won three awards for its innovative teaching approach. This module is part of our unique introductory programme for Year 1 students.

Since our foundation in 1980, our longstanding connection to industry has been the hallmark of our educational approach. Our courses are highly engaged with the real world, equipping graduates with the latest and most relevant knowledge and skills to succeed in the workplace. With 11 undergraduate courses on offer, you can choose between broad or specialised business degrees, and 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 offers 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: minimum of 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 course 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 course 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 course 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.

INTRA Work Placement

This year-long work placement (INTRA) in Year 3 will give you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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

Additional Information

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

Contact Details

studentrecruitment@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 |
Psychology in Organisations |
Business Mathematics | Critical Thinking
for Business | Learning Innovation
for Enterprise | Business Analytics

Year 2

Core Modules

Operations Management | People
Management | Digital Marketing |
Financial Management | Industrial
Economics | Business and Professional
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 | Managing Change and
Digital Transformation | Responsible
Management and Leadership for
Sustainable Business | 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

Places

180

Min points

510

Internship

Yes

QQI FET

Yes



Future Careers

- Management and Leadership
- Marketing and Customer Engagement
- Finance and Accounting
- Technology and Data
- Entrepreneurship and Startups
- Human Resources and People Operations
- Supply Chain and Logistics
- Global and Sustainable Business

In These Areas

- Finance
- Business and Tech
- Marketing
- HR Management
- International 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 course 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: minimum of O4 or H6 in Mathematics PLUS a minimum of H4 in a language other than English or Irish.

Understanding:

Business Studies International

This course 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 wish to study French, German or Spanish must have a minimum of H4 in the language they wish to study.

Students who wish to study Chinese or Japanese will take the language at beginners level, however, they must still meet the language requirement of a H4 in a language other than English or Irish.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC110

What Will I Study?

Year 1

Accounting for Business | 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 | Business Analytics | Critical Thinking for Business | The Changing Consumer | Macroeconomics | Language and Cultural Modules (French/German/Spanish/Japanese/Chinese) | Business and Professional Ethics

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) | Business Strategy | Managing Change and Digital Transformation | Responsible Management and Leadership for Sustainable Business | 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

Places

95

Min points

498

QQI FET

Yes



Future Careers

- Management and Leadership
- Marketing and Customer Engagement
- International Marketing Management
- International Finance
- Human Resources and People Operations
- Global and Sustainable Business

In These Areas

- International Management
- Business and Tech
- Finance
- Marketing
- HR Management

BA in Global Business

Gain two business degrees, experience two countries and complete two work placements

Why DCU?

- Gain 2 prestigious qualifications, 1 from DCU and another from a leading international business school, making this a truly unique course
- Experience 2 professional work placements – here in Ireland and overseas, giving you invaluable real-world experience and a global perspective
- Study and live overseas, gaining insights into distinct social, political, and business environments while immersing yourself in a diverse culture
- Graduate with international experience, cross-cultural communication skills, and a competitive edge in the global job market

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: minimum of O4 or H6 in Mathematics PLUS a 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: Partner university to be confirmed. For further information, please visit dcu.ie/DC116

Canada: Brock University, founded in 1964, 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).

INTRA Work Placement

In Years 2 and 4 you will undertake work placement (INTRA) will give you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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.

Contact Details
studentrecruitment@dcu.ie

To complete an exchange with the US partners, students need to obtain a J1 Visa, the US Embassy requires proof that you can financially support yourself during your study abroad period. See details on dcu.ie/DC116

To complete an exchange with our Canadian partners, students need to obtain a study Visa. The partner university will provide information and support on how to obtain this prior to arrival including the issuing of a 'letter of acceptance' required for the application. See details on dcu.ie/DC119

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)
- USA Partner university to be confirmed. For further information, please visit dcu.ie/DC116
- 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 Environments | 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/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.

Visit Us Online
dcu.ie/DC112
dcu.ie/DC113
dcu.ie/DC114
dcu.ie/DC116
dcu.ie/DC119

France
CAO Code
DC112

Years
4
Places
18
Min points
543

Internship
Yes

QQI FET
Yes

Germany
CAO Code
DC113

Years
4
Places
20
Min points
455

Internship
Yes

QQI FET
Yes

Spain
CAO Code
DC114

Years
4
Places
18
Min points
555

Internship
Yes

QQI FET
Yes

USA
CAO Code
DC116

Years
4
Places
TBC
Min points
617

Internship
Yes

QQI FET
Yes

Canada
CAO Code
DC119

Years
4
Places
20
Min points
545

Internship
Yes

QQI FET
Yes



Future Careers

- Banking
- European Affairs
- European Regulation
- Finance
- International Affairs
- International Marketing

In These Areas

- Commerce
- Finance
- Human Resource Management
- International Management
- Marketing

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 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
- 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: minimum of 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.

The aviation industry, while changing, continues to grow globally, in the developed and even more so in the developing world. On current forecasts, the fleet of commercial jet aircraft will roughly double in the coming decades. There will be a correspondingly large demand for aviation graduates and professionals. This will include roles for pilots, air traffic controllers and managers in airlines, airports, aviation financing, safety and regulation and in many other sectors that support aviation.

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.

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 recommended by DCU include:

- National Flight Centre (Leixlip)
- Atlantic Flight Training Academy (Cork)
- National Flight Training Europe (Jerez, Spain)

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

INTRA Work Placement

This 4-6 month work placement (INTRA) in Year 3, within an aviation setting will give you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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

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 €75,000 - €100,000.

Contact Details
studentrecruitment@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 | Employee Relations

CAO code

DC117

Years

4

Places

50

Min points

500

Internship

Yes

QQIFET

Yes



Future Careers

- Air Traffic Controller
- Airline Pilot
- Aviation Management
- Business Operations
- Employee Relations
- Flight Operations
- Logistics
- Marketing
- Public Relations
- Supply Chain Management

In These Areas

- Airline Logistics and Management
- Aviation Leasing
- International Airlines
- National Airlines

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 course 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 course 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.

Additional Information

This course is recognised by the Teaching Council of Ireland for teaching Accounting and Business Studies (see page 188 for further details). Professional accountancy training exemptions are listed below.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC115

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

Final-year students specialise in one of the following areas:

Accounting | Finance | Economics | Management of Operations

CAO code

DC115

Years

3

Places

110

Min points

532

Internship

No

QQI/FET

Yes



Future Careers

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

In These Areas

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

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. Events in recent years have intensified pressure on organisations to transition to a digital-first business world.

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 course 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.

INTRA Work Placement

This year-long work placement (INTRA) in Year 3 will give you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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

Additional Information

Graduates of this course are eligible for membership of the Irish Computer Society, the national representative body for IT professionals. You will also be eligible for the graduateship examination of the Marketing Institute of Ireland, the professional body for marketing professionals in Ireland.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC240

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 Consumer | 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

CAO code

DC240

Years

4

Places

75

Min points

487

Internship

Yes

QQI/FET

Yes



Future Careers

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

In These Areas

- Biotechnology
- Healthcare
- High-Tech Manufacture Firms
- Pharmaceuticals
- Software and IT
- Technology
- Telecoms

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: minimum of 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 its 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.

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.

INTRA Work Placement

This year-long work placement (INTRA) in Year 3 will give you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC241



Rialtas na hÉireann
Government of Ireland



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 visualisation | Business Strategy

CAO code

DC241

Years

4

Places

60

Min points

468

Internship

Yes

QQIFET

Yes



Future Careers

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

In These Areas

- Consultancy
- Digital Transformation
- E-Commerce
- Entrepreneurship
- Innovation
- Software and IT
- Technology
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 - BSc in Physics with Data Analytics (via DC175)
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 - BSc in Physics with Biomedical Sciences (via DC175)
- 66 BSc in Sport Science and Health
- 68 BSc in Athletic Therapy and Training
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- 76 BSc in Psychology and Mathematics
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- 80 BSc in Health and Society
- 82 BSc in General Nursing
- 82 BSc in Mental Health Nursing
- 82 BSc in Intellectual Disability Nursing
- 82 BSc in Children's and General Nursing

Follow us



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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 our cutting-edge teaching facilities and the excellence of our scientific innovation and health research, we promise our students an education that equips them with 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 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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC127

What Will I Study?

Year 1

Analysis | Calculus | Probability | Computing for Mathematics | Linear Algebra | Microeconomics | Macroeconomics | Mathematical Concepts and Skills

Year 2

Statistics | Calculus | 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

555

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 placement (INTRA) 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 page 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 course, 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 Work Placement

In Year 3, you will have the opportunity to undertake paid work placement (INTRA) in the actuarial or financial industry giving you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real world. The placements are, typically, with major insurance companies, actuarial consultancies, investment banks or trading houses, where you will gain practical skills and experience in a commercial environment. 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.

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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC126

What Will I Study?

Year 1

Mathematical Analysis | Probability | Computing for Mathematics | Linear Algebra | Microeconomics | Calculus | Macroeconomics

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

589

Internship

Yes

QQIFET

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
- Modern course integrating emerging new technologies and transversal 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 course, which include:

- BSc in Bioprocessing (via DC180)
- BSc in Biotechnology (DC181)
- BSc in Genetics and Cell Biology (DC168)

Progression to Year 2 of your chosen course is not automatic. Entry to your preferred pathway may be competitive, with places allocated based on academic merit, determined by your Year 1 performance.

Additional Information

This course satisfies the current Teaching Council of Ireland subject curricular requirements for the teaching of biology at post-primary level, see page 188 for further details.

Contact Details

studentrecruitment@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 course.

CAO code

DC180

Years

1

Places

See page 182

Min points

466*

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
studentrecruitment@dcu.ie

DC180

BSc in Bioprocessing
Entry via DC180 Biological Sciences General Entry

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 182

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 and transversal skills
- Multidisciplinary academic staff within the School of Biotechnology
- 9 month paid work placement (INTRA) at home or abroad in Year 3
- Biopharmaceutical stream option
- Final year research project option

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 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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 9 month long 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. 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

Additional Information

This course satisfies the current Teaching Council of Ireland subject curricular requirements for the teaching of biology at post-primary level, see page 188 for further details.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC181

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 182

Min points

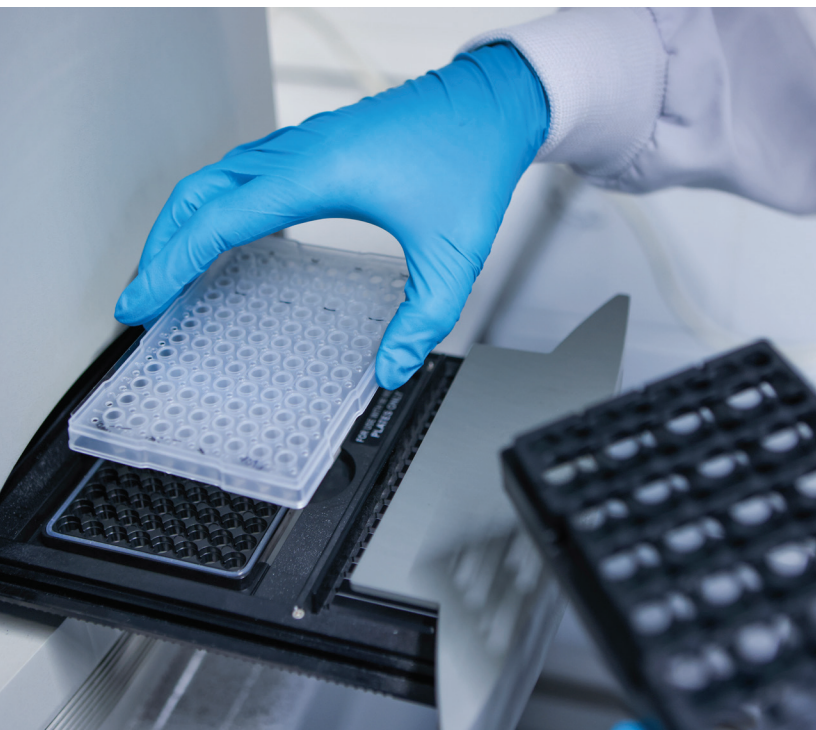
498

Internship

Yes

QQIFET

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
- 9 month paid work placement (INTRA) at home or abroad in Year 3
- Final year project in research lab
- Multidisciplinary academic staff within the School of Biotechnology

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.

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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 7 month long 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. 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

Additional Information

This course satisfies the current Teaching Council of Ireland subject curricular requirements for the teaching of biology at post-primary level, see page 188 for further details..

Contact Details

studentrecruitment@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 182

Min points

518

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
- Explore 3 different Chemistry degrees before specialising in Year 2 onwards
- Unlock the secrets of how drugs and pharmaceuticals work enabling us to develop treatments for diseases and infections
- All options offer paid work placement (INTRA) in Year 3 of your chosen degree
- Modern course integrating emerging new technologies and transversal skills
- Gain unparalleled hands-on experience in our industry standard laboratories
- Develop laboratory skills in our award-winning Undergraduate Teaching Labs (Education Lab of the Year recipient from 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.

Many students choose to go directly into one of our specialist Chemistry degrees:

- BSc in Chemistry with Artificial Intelligence (DC160)
- BSc in Analytical Science (DC161)
- BSc in Chemical and Pharmaceutical Sciences (DC162)

However, if you are unsure which area of Chemistry you would like to specialise in, Chemistry Sciences General Entry (DC163) option is designed to help you explore all 3 options 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 and research. 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 basics 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 on a competitive bases to Year 2, 3 and 4 of your chosen Chemical Science course:

- BSc in Chemistry with Artificial Intelligence (DC160)
- BSc in Analytical Science (DC161)
- BSc in Chemical and Pharmaceutical Sciences (DC162)

Progression to Year 2 of your chosen Chemistry degree is not automatic. Entry to your preferred pathway may be competitive, with places allocated based on academic merit, determined by your Year 1 performance.

Additional Information

This course 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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC163

What Will I Study?

Years 1

Chemistry, Physics Biology, Mathematics and Interdisciplinary Science | Introductory and More Advanced Laboratories in Chemistry, Biology and Physics

For Years 2, 3 and 4, you will take modules as described on your chosen course.

CAO code

DC163

Years

1

Places

See page 182

Min points

402

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
- Science Communication and Marketing

BSc in Chemistry with Artificial Intelligence

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

Why DCU?

- Award-winning technical team (RSC 2019 Higher Education Technical Excellence Award)
- Award-winning undergraduate teachings labs under the Irish Laboratory Awards (ILA) programme
- 6 month paid work placement (INTRA)
- Access to modern, industry-standard, analytical equipment
- Modern course integrating emerging new technologies and transversal skills
- Access to modern commercial software for using AI in drug design or development of novel materials
- This unique combination of chemistry and artificial intelligence is the first course of its kind in Ireland

About You

Do you have an interest in chemistry and wonder how new innovations are driven in this field? If you are looking for a career at the cutting edge of new developments in chemical sciences, then the BSc in Chemistry with Artificial Intelligence 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 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: Chemistry with Artificial Intelligence

Chemistry is all around us, and is key to the development of new materials and processes, such as new sustainable polymers, sensors for environmental applications, or procedures for production of medicines, to name just a few. Use of artificial intelligence enables chemists to make effective and efficient predictions, through data analysis, machine learning or full AI approaches.

On the BSc in Chemistry with Artificial Intelligence, you will learn the chemistry knowledge and computing skills needed to harness the enormous potential of applying AI in the chemical sciences. Graduates will be chemists that are capable of handling very large data sets, making predictions and interrogating outputs from artificial intelligence models. This skillset can be applied across the broad spectrum of chemical sciences applications.

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 topics are further developed, with modules in organic, inorganic and physical chemistry, as well as biochemistry. Year 2 is when the artificial intelligence strand begins, with modules in programming and linear algebra.

In Year 3 you continue to strengthen your knowledge of core chemistry, including separation techniques, medicinal chemistry and computational chemistry, as well as advanced programming and machine learning.

The final year of the course concentrates on your knowledge and practical development of chemistry with artificial intelligence, applied to the pharmaceutical industry or environmental applications. A major element in Year 4 is your individual research project, which consists of a literature survey on a particular topic, followed by laboratory and bench-based research work in your area of interest.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 6 month long 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. 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

Additional Information

This course 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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC160

What Will I Study?

Year 1

Chemistry, Physics and Biology Laboratories | Mathematics | Chemistry | Biology | Physics

Year 2

Biomolecules and Metabolism | Spectroscopy and Electrochemistry | Kinetics and Thermodynamics | Organic Chemistry | Inorganic Chemistry | Bioorganic and Pharmaceutical Chemistry | Data Handling | Mathematics | Organic, Inorganic, Physical Chemistry Laboratories | Spectroscopic Workshop | Programming

Year 3

Practical Chemistry with AI (laboratory) | Organic and Polymer Chemistry | Separation Techniques | Medicinal Chemistry | Regulation and Data Analysis | Computational and Inorganic Chemistry | Programming | Machine Learning | INTRA

Year 4

Advanced Spectroscopy | AI and (Bio) Pharmaceutical Industry | Sustainable Processes | Chemical Interrogation of the NanoBioWorld | Data Analytics and Data Mining | Literature Survey | Project

CAO code

DC160

Years

4

Places

See page 182

Min points

413

Internship

Yes

QQI/FET

Yes



Future Careers

- Process Development
- Formulation
- Quality Control and Quality Assurance
- Product Specialist
- Research and Development
- Further Study - Teaching

In These Areas

- Pharmaceuticals
- Biopharmaceuticals and agrichemicals
- Food and Beverage
- Health and Medicines
- Cosmetics
- Education

DC160

BSc in Chemistry with Artificial Intelligence
Honours Bachelor Degree

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
- Modern course integrating emerging new technologies and transversal skills
- The first Analytical Science (chemistry option) 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 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: 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.

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.

INTRA work placement

In Year 3, you will have the opportunity to undertake a 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. 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

Additional Information

This course 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

studentrecruitment@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

Optional Modules**Chemistry Pathway**

Chemical Interrogation of the NanoBioworld | Analytical Applications | Soil and Energy Science | Literature Survey | Project

Optional Modules**Biology Pathway**

Gene Cloning and Gene Expression | Industrial Bioprocessing | Bio-analytical Laboratories | Literature Survey | Project

CAO code

DC161

Years

4

Places

See page 182

Min points

410

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
- Modern course integrating emerging new technologies and transversal skills
- Accredited by The Royal Society of Chemistry (RSC in 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 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.

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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 4-6 month long 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. 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

Additional Information

This course 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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC162

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

Optional Modules

Advanced Medicinal Chemistry | Chemical Interrogation of the NanoBioworld

CAO code

DC162

Years

4

Places

See page 182

Min points

477

Internship

Yes

QQIFET

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 course 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 (INTRA) 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 or 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 course 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 course 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.

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

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 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. 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

Additional Information

This course satisfies the current Teaching Council of Ireland subject curricular requirements for the teaching of chemistry or biology at post-primary level, see page 188 for further details.

Contact Details

studentrecruitment@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 182

Min points

434

Internship

Yes

QQIFET

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
- Modern course integrating emerging new technologies and transversal skills
- 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? Then 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, Applied Mathematics or Computer Science.

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

You will normally be accepted into the course of your choice.

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 course.

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.

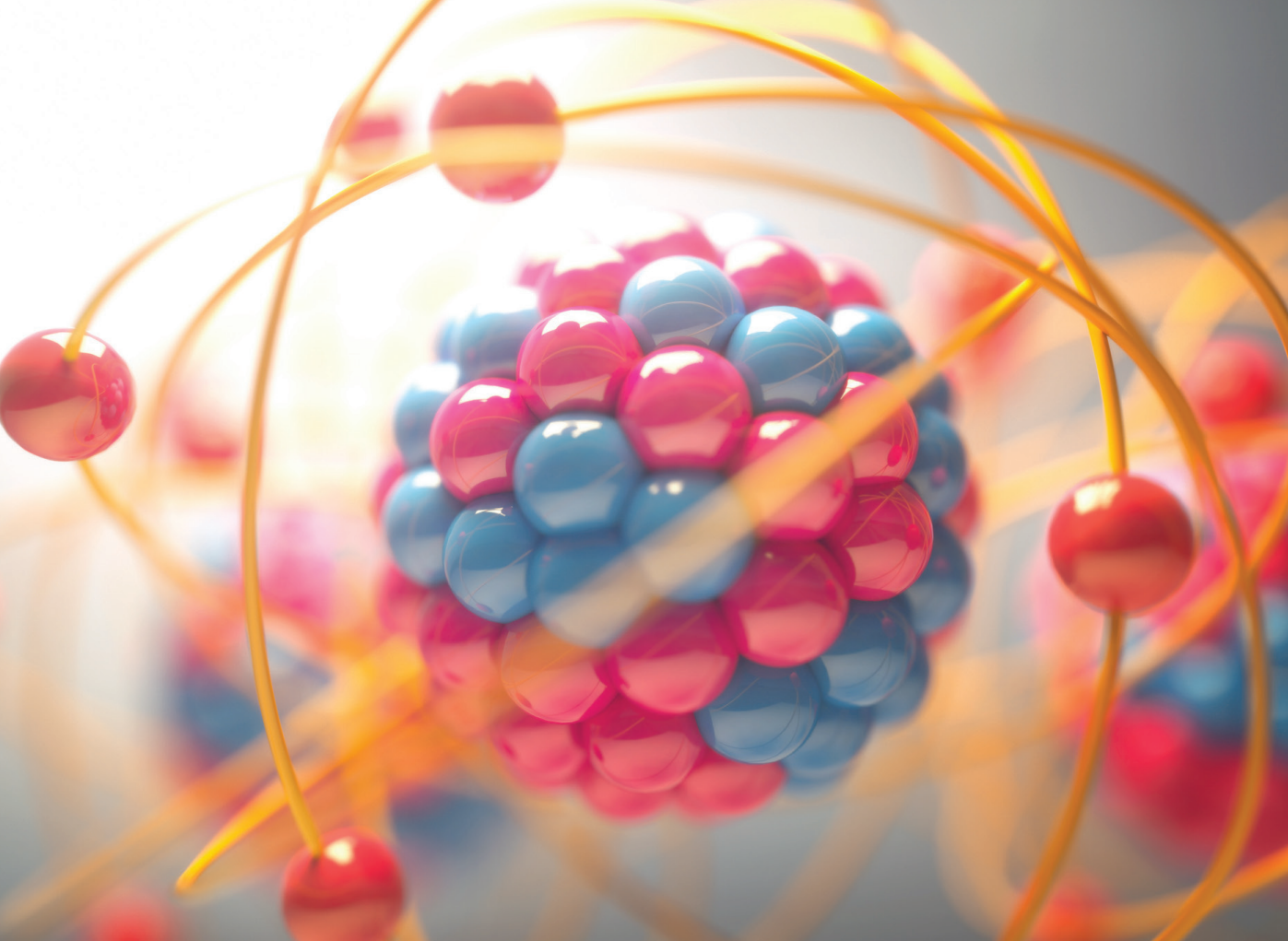
During your chosen course, you will be encouraged to apply for scientific internship schemes, including visiting fellowships in organisations such as the European Organisation for Nuclear Research (CERN) and the European Space Agency (ESA).

What Will I Study?

Year 1

Motion and Energy | Light and Optics | Astronomy and Physics of the Human Body | Thermal and Physical Properties of Matter | Electricity and Magnetism | Physics Laboratory | Inorganic and Physical Chemistry | Calculus | Programming

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 Physics 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 undertake a period of paid work placement (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.

Additional Information

All the Physics General Entry designated courses satisfy the current subject curricular requirements for teaching physics at post primary level set by the Teaching Council of Ireland, (see page 188 for further details).

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC175

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).

INTRA Work Placement

Work placement (INTRA) gives you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real 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.

CAO code

DC175

Years

1

Places

See page 182

Min points

413

Internship

Yes

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 brand new state-of-the-art physiology, biomechanics and psychology facilities
- Relatively small classes allowing for individual attention from highly qualified academic staff
- Modern course integrating emerging new technologies and transversal skills
- A mixture of sport and exercise practical classes, laboratory classes, lectures, tutorials and seminars
- A limited number of places are available for 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 or 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.

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

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 sport 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 course. 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.

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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 6 month long 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. 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

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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC202

What Will I Study?

Year 1

Physiology for Health Sciences | Chemistry for Health Related Professions | Introduction to 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 for General Science | Adapted Physical Activity

Year 2

Introduction to Research Methods | Sport and Exercise Nutrition | Conditioning Science 2 | Sport Psychology | Anatomy for Sports Science | 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 Prevention | 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

60

Min points

518

Internship

Yes

QQIFET

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 in Athletic Therapy and Training

Prevent, treat and rehabilitate injuries in sport and physical activity

Why DCU?

- Option to select the integrated masters pathway and graduate with a dual award of Bachelor of Science and Master of Science
- 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
- 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. Can you clearly express yourself with strong verbal communication skills? Are you able to work professionally and convey your thoughts effectively? It is essential to maintain professional communication and interaction with patients throughout this course, as it will be crucial for their health and care.

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 or 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 4/5-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 4 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. There will be an opportunity 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.

In Year 4, you will undertake a semester-long immersive placement, which can be in an athletic therapy clinic or a professional sports team. These placements may be completed in Ireland but many students go to the US, Canada, Australia or the UK. You also have the opportunity to gain Cardiac and Emergency First Response certification with the Pre-Hospital Emergency Care Council of Ireland (PHECC). Year 4 culminates with a major research project.

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

studentrecruitment@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) Optional

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

In Year 5, students on the Masters pathway will enhance their advanced skills in athletic therapy management and clinical reasoning, along with gaining in-depth knowledge and practical expertise in strength and conditioning to optimise health and performance. Additionally, they will have the opportunity to earn external certification in strength and conditioning.

CAO code

DC204

Years

4

Places

28

Min points

554

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 Biology at school? Do you have a passion for sport, exercise and biology 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 or 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 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

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. In addition, you will complete a number of modules focused on how to teach biology 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 mindset necessary to teach in a changing environment.

Professional 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.

Additional Information

This 4 year course is recognised by the Teaching Council of Ireland for teaching PE and Biology (see page 188 for further details).

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC205

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 and 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

40

Min points

521

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 or 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.

Professional 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.

Additional Information

This 4 year course is recognised by the Teaching Council of Ireland for teaching PE and Mathematics (see page 188 for further details).

Contact Details

studentrecruitment@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 Placement

CAO code

DC206

Years

4

Places

30

Min points

499*

QQIFET

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
- 12 weeks work experience (INTRA) in Year 3 providing practical experience in various fields
- 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.

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).

INTRA Work Placement

In Year 3, you will have the opportunity to undertake paid work placement (INTRA) in the actuarial or financial industry giving you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real world. The placements are, typically in various fields including clinical, behavioural and cognitive neuroscience, financial and health-related industries, organisational and corporate psychology, and applied behaviour analysis. 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.

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 Enterprise and Collaboration Skills | Social Psychology | Comparative Evolutionary Psychology | Philosophy of Psychology | Personality Psychology | Psychology Research Skills | Research Methods and Statistics 1 | Pre-Professional Training and Skills

Year 1 Options

Introduction to Anthropology | Introduction to Marketing

Additional Information
The BSc in Psychology is accredited by the Psychological Society of Ireland (PSI).

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC208

Year 2

Perception | Education Psychology | Biological Psychology 1 and 2 | Psychological Measurement and Assessment | Health Psychology | Experimental Analysis of Behaviour | Research Methods and Statistics | Qualitative Research Skills and Analysis

Year 2 Options

Sport Psychology | Sociology, Health and Illness | Introduction to People Management | Science Communication and Media Skills | Sexual Health | Organisational Psychology | Making Sense of Mental Health and Illness

Year 3

Possibility Studies | Cognition across the Lifespan | Advanced Development Psychology | Group Research Project and Advanced Statistics | Computer Applications in Psychology Research | INTRA

Year 3 Options

Behaviour Change 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

Optional Modules

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

533

Internship

Yes

QQIFET

Yes



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 page 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 problem-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 varied 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.

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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake paid work placement (INTRA) in the actuarial or financial industry giving you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real world. The placements are, typically in various fields including clinical, behavioural and cognitive neuroscience, financial and health-related industries, organisational and corporate psychology, and applied behaviour analysis. 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.

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

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC207



Rialtas na hÉireann
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Human
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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 | INTRA

Year 3 Options

Linear Algebra | Abstract Algebra | Modelling with Differential Equations

Year 4

Social Psychology and Contemporary Issues | Psychological Health, Difficulties and Disorders | Computational Psychiatry | Psychology Research Project

Optional Modules

Analysis | Partial Differential Equations | Coding and Cryptography | Geometry | Optimisation | Deep Learning

CAO code

DC207

Years

4

Places

10

Min points

492

Internship

Yes

QQIFET

Yes



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 page 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 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.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake paid work placement (INTRA) in the actuarial or financial industry giving you a unique opportunity to enhance your CV, increase your employability, and apply your knowledge and skills in the real world. The placements are, typically in various fields including digital technology and learning, digital therapeutics, and other applied areas within education, health and wellbeing, industry and community sectors. 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

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

Additional Information

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

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC210



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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

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 | E-Health, E-Well-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 and Sustainability

Optional Modules

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

CAO code

DC210

Years

4

Places

20

Min points

496

Internship

Yes

QQI/FET

Yes

Future Careers

- Data Management
- Data Visualisation
- Further Study - Teaching
- 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



DC210

BSc in Psychology and Disruptive Technologies
Honours Bachelor Degree

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 or 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.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC209

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

50

Min points

452

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

- Graduate study 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 find nursing a rewarding 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 O6 or H7 in Mathematics PLUS minimum of O6 or H7 in one of Physics, Chemistry, Biology, Physics with Chemistry or 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 Years 2 and 3 you will have clinical practice placements in your nursing discipline and in specialist clinical areas related to your nursing course of study. During Year 3 there are opportunities for you to apply for clinical practice placements internationally.

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.

Throughout the course, your clinical competencies are assessed, ensuring you meet professional requirements and standards as set by the Nursing and Midwifery Board of Ireland. This structured approach ensures that by the end of the course, you will have a well-rounded education, practical experience in various settings, and specialised knowledge in your chosen nursing discipline which will enable you to register with the Nursing and Midwifery Board of Ireland.

Study Abroad

Studying abroad provides a wonderful opportunity to experience the culture of another country. The Erasmus+ exchange programme is open to all Year 2 Nursing students and takes place in semester 1, Year 3, studying at one of our partner universities. For more information, please visit dcu.ie/snpch/international-placement

Clinical Practical Placements

Each year you will have the opportunity to undertake clinical practice placements in a variety of clinical settings. In Year 1, your placements will be in your chosen nursing discipline, e.g. intellectual disability, mental health/psychiatry, general or children's nursing.

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.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC215

(General: CAO and mature)

dcu.ie/DC216

(Mental Health: CAO and mature)

dcu.ie/DC217

(Intellectual Disability: CAO and mature)

dcu.ie/DC218

(Children's and General (Integrated): CAO and mature)

What Will I Study?

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

424

QQI FET

Yes

Mental Health

CAO Code

DC216

Years

4

Min points

359

QQI FET

Yes

Intellectual Disability

CAO Code

DC217

Years

4

Min points

308

QQI FET

Yes

Children's and General (Integrated)

CAO Code

DC218

Years

4.5

Min points

509

QQI FET

Yes

Places

310

(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 4 year degree course provides you with the knowledge, skills and attitudes to meet the needs of the person and their family as they journey through the challenges of mental health difficulty. The course content will include nursing interventions for mental health care and learning about contemporary approaches to care. Clinical practical placements are provided in partnership with DCU and our partner services - North Dublin Mental Health Service, Dublin North City Mental Health Service, St Vincent's Hospital, Fairview and the National Forensic Mental Health Service. The clinical practice placements will be in a variety of settings including acute mental health units, community nursing 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. Once qualified, mental health nurses can diversify and progress their career through continued study at graduate level. This can lead to a career in management, clinical specialist practice, advanced practice, clinical research or teaching at clinical or university level.

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 plays a critical role in fostering 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 course 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, evidence-based care 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 registered Children's Nurse and a registered General Nurse.

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



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

- 88 Common Entry into Engineering
- 90 BEng and MEng in Electronic and Computer Engineering
- 94 BEng and MEng in Mechatronic Engineering
- 96 BEng and MEng in Mechanical and Sustainability Engineering
- 98 BEng and MEng in Mechanical and Manufacturing Engineering
- 100 BEng and MEng in Biomedical Engineering
- 102 BSc in Computing for Business
- 104 BSc in Computer Science
- 106 BSc in Data Science

Follow us

-  @DCUEngineering
-  @DCUComputing

Faculty of Engineering and Computing

Our Faculty is recognised both nationally and internationally for providing exceptional academic 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 high-quality education, preparing you for rewarding careers in these ever-evolving industries.

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

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

Prior to completing their studies, our students have the opportunity to work with some of the most highly-regarded companies in engineering, computing, and related sectors. Each student gains a minimum of six months of work experience, ensuring they graduate with a world-class degree and highly relevant work experience. Our graduates have gone on to obtain successful careers in world-renowned companies including Apple, Deloitte, Dyson, Google, Meta, Intel, NASA, and PwC.

Common Entry into Engineering

Become an inventor, a designer, a creator

Why DCU?

- Explore 5 different engineering disciplines before specialising in Year 2 onwards
- 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 wide range of exciting scholarship opportunities
- All options offer paid work placement (INTRA) in Year 3
- All options offer students the opportunity to complete Year 5, and graduate with a Masters of Engineering
- 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 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, the universal language of engineering? Are you a critical thinker who would love to be part of a team solving real-world problems? If this is the case, you should 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 by solving real-world problems, therefore helping to 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 in mathematics, materials engineering and basic sciences, while also building skills such as logical and critical thinking. Through lectures, labs, individual and group work, you will gain hands-on engineering experience and be exposed to the 5 different engineering disciplines: Electronic and Computer Engineering, Mechatronic Engineering, Mechanical and Sustainability Engineering, Mechanical and Manufacturing Engineering or Biomedical Engineering. By studying all 5 engineering disciplines in Year 1, you will gain a comprehensive understanding of the field and will be better equipped to make informed decisions about your chosen Engineering 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. All engineering courses at DCU are 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 up-to-date with new research and relevant to all needs of the modern engineer. Students entering via any of the CAO-denominated courses (DC190, DC193, DC194, DC195, DC197) or Common Entry route (DC200) will share a common engineering Year 1.

From Year 3, you will have the opportunity to progress to an integrated Master's degree in Engineering, subject to achieving a minimum of a H2.2 grade in both Years 1 and 2. This pathway enables you to complete an additional year of study and graduate from DCU after 5 years with a Master's in Engineering (MEng).

By completing the integrated Masters and extended INTRA work placement of up to 10 months, you will gain a deeper industry experience and stronger professional networks. Combined with advanced technical and analytical training in the final year, this makes graduates of the integrated MEng pathway highly competitive in the job market and well-prepared for both technical roles and leadership positions within the engineering sector.

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

Contact Details
studentrecruitment@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 into Year 2 of your chosen course.

What Will I Study?

Year 1

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

Places
100

Min points
543

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
- 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, 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. In today's society, every machine is made up of 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 course 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, due to their knowledge and cutting-edge skills, electronic and computer engineers will be at the forefront of creating solutions. Electronic and computer engineers find solutions and also lead the teams that tackle problems relating to issues with clean water, energy supply, global warming, nutrition, or health.

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.

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 (IoT) - 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 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. As a result, you will gain 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 once 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, as well as research priorities within the School of Electronic Engineering. Currently the course offers the following 4 majors, which we will adapt over time to ensure that our graduates always have the most relevant and up-to-date technology and expertise:

Major Electronic Devices and Systems (BEng only)

– This specialism provides in-depth knowledge and practical skills in the design, development, and integration of hardware and software systems. It covers a wide range of topics including electronic devices, analogue and digital circuit design, embedded systems, and microcontrollers.

Major in Machine Learning

– This specialism focuses on the application of modern artificial intelligence and data analytics techniques, particularly in the context of edge computing.

Major in Nanotechnology and Photonics (MEng only)

– 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 the Internet of Things (IoT)

– The 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 carry out 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 choice, 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 leading industry members and potential 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 throughout the course. This display is hugely popular with industry partners and draws many prospective employers keen to hire 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 Work Placement

In Year 3, you will undertake a paid work placement through the INTRA programme, lasting 6 months for most students, and 10 months for those on the integrated MEng pathway. INTRA offers a valuable opportunity to enhance your CV, boost your employability, and apply your academic knowledge and skills in a real-world setting, positioning you competitively in the job market.

While most placements are based with businesses in Ireland, there are also opportunities to gain international experience with some of the world's leading companies. For more information, please visit dcu.ie/intra.

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.



What Will I Study?

Year 1

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

Year 2

Engineering Mathematics 3 and 4 | Circuit Analysis Techniques | Data Communications and Networks 1 | New Enterprise Development (Team Project) | C/C++ Programming and Algorithms for Engineers | Digital and Analogue Electronics 1 and 2 | Operating Systems | Embedded Systems | Electromagnetism | Algorithms and AI Bot Project

Year 3

Electromagnetism 2 | Electromechanical Systems | Signals | Algorithms for Engineers | Analogue Circuits and Design | Data Communications and Networks 2 | Computation and Simulation | Engineering Mathematics 5 | Mobile Robotics (Team Project) | Introduction to Systems, Signals, and Control | INTRA

Year 4 (Core Modules)

Engineering Management | Computer Architecture and HDL | Control Systems Analysis | DSP-Digital Filters and DFT

Year 4 ECE with Major in the IoT

Bioelectronics or Web Application Development 1 | Wireless/Mobile Communications or Data Analysis and Machine Learning | Edge Programming with C/C++ and Rust | Internet of Things Project

Year 4 ECE with Major in Machine Learning

Data Analysis and Machine Learning 1 | Web Application Development or 3D Interface Technology | Image Processing and Analysis | Machine Learning Project

Year 4 ECE with Major in Electronic Devices and Systems

Edge Programming with C/C++ and Rust or Data Analysis and Machine Learning 1 | Bioelectronics | Solid State Electronic and Semiconductor Devices | Electronic Devices and Systems Project

Year 5 ECE with Major in the IoT

Network Performance | Blockchain Scalability | Wireless/Mobile Communications | Entrepreneurship for Engineers | Connected Embedded Systems | Security for IoT and Edge Networks | Internet of Things Project

Year 5 ECE with Major in Machine Learning

Machine Learning Masters Project | Network Performance | Image Processing and Analysis (Plus) | Blockchain Scalability or Real-Time Digital Signal Processing (DSP) | Entrepreneurship for Engineers | Data Analysis and Machine Learning 2 | Computer Vision | Machine Learning Project

Year 5 ECE with Major in Nanotechnology and Photonics

Photonics Devices | Nanoelectronics Technology | Real-Time Digital Signal Processing (DSP) or Energy Systems Decarbonisation | Entrepreneurship for Engineers | Fundamentals of Device Manufacturing | Photonic Applications and Technologies | Nanotechnology and Photonics Project

For more details, please visit ece.eeng.dcu.ie

CAO code

DC190

Years

4

Places

25

Min points

531

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
- 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, 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 with the ability to perform tasks more efficiently 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, 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 familiarise yourself 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, they are qualified for mechanical, electronic, and mechatronic roles.

Course Structure

This course brings together the disciplines of mechanical engineering and electronic engineering over the 4 years. The course has 8 academic streams 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. Students have the option to undertake an integrated Masters from Year 3, subject to achieving a H2.2 or higher in Years 1 and 2.

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 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).

Students have the option to undertake an integrated Masters from Year 3, subject to achieving a H2.2 or higher in Years 1 and 2.

INTRA Work Placement

In Year 3, you will undertake a paid work placement through the INTRA programme, lasting 6 months for most students, and 10 months for those on the integrated MEng pathway. INTRA offers a valuable opportunity to enhance your CV, boost your employability, and apply your academic knowledge and skills in a real-world setting, positioning you competitively in the job market.

While most placements are based with businesses in Ireland, there are also opportunities to gain international experience with some of the world's leading companies. For more information, please visit dcu.ie/intra.

What Will I Study?

Year 1

Basic Sciences for Engineering | Engineering Mathematics | Engineering Mechanics - Statics | Project and Technical Drawing | Materials Engineering | Introduction to Electronics | Professional Development | Numerical Problem Solving for Engineers | Software Development

Year 2

Thermodynamics: Energy | Engineering Mathematics | Mechanics of Materials | Digital and Analogue Electronics | C/C++ Programming for Engineers | Circuit Analysis Techniques | Engineering Mechanics: Dynamics | Design and Solid Modelling | Electrical Power and Electromechanical Systems | Embedded Systems | Pneumatics and Control

Year 3

Product Design | Data Analytics for Engineers | Measurement and Signal Processing | Electromechanical Systems | Mechanics of Machines | Introduction to Systems, Signals and Control | Analogue Circuits and Design | Mobile Robotics | INTRA

Year 4 (BEng)

Robotics | Project | Manufacturing Automation | Control Systems Analysis | Image Processing and Analysis | Engineering Project Management | Mechatronic System Simulation and Control | Data Analysis and Machine Learning | Mechanical Engineering System Simulation | Introduction to Engineering Management

Year 4 (MEng)

Robotics | INTRA (part 2) | Project Planning and Research | Entrepreneurship for Engineers | Mechanical Engineering Systems Simulation | Introduction to Engineering Management

Year 5 (MEng)

Machine Learning | Project | Image Processing and Analysis | Computer Vision | Manufacturing Automation | Control Systems Analysis | Mechatronic Systems Simulation and Control | Machine Learning | Advanced Sustainable Energy Systems

CAO code

DC193

Years

4

Places

25

Min points

533

Internship

Yes

QQIFET

Yes

Future Careers

- Robotics Engineer
- Controls System Engineer
- Electronic Engineer
- Research and Development Engineer
- Product Designer
- Management
- Automation Engineer
- Embedded Systems Engineer
- Automotive Engineer
- Aerospace Engineer

In These Areas

- Robotics
- Automotaton Industry
- Aerospace 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
- 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, the universal language of engineering? Are you interested in understanding how to implement knowledge and technology in a creative and ethical manner for long-term sustainability? If so, you should study Mechanical and Sustainability Engineering.

Similarly to most engineering courses, 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

Our planet is facing enormous challenges that demand urgent action, 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 to 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, environmentally sound, reliable, affordable and 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 also 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. The course has 8 academic streams addressing a particular aspect of Mechatronic Engineering.

These streams 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.

Students have the option to undertake an integrated Masters from Year 3, subject to achieving a H2.2 or higher in Years 1 and 2.

INTRA Work Placement

In Year 3, you will undertake a paid work placement through the INTRA programme, lasting 6 months for most students, and 10 months for those on the integrated MEng pathway. INTRA offers a valuable opportunity to enhance your CV, boost your employability, and apply your academic knowledge and skills in a real-world setting, positioning you competitively in the job market.

Additional Information

This 4 year course will be accredited by Engineers Ireland after the cohort of students graduate in 2025/26.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC194



Rialtas na hÉireann
Government of Ireland



Human
Capital
Initiative

While most placements are based with businesses in Ireland, there are also opportunities to gain international experience with some of the world's leading companies. 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 | 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 | Engineering Mechanics: Dynamics | Pneumatics and Hydraulics | Data Analytics | Renewable Energy | Fluid Mechanics | Pollution and Biosphere | Mechanics 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 (MEng)

Entrepreneurship for Engineers | Project | INTRA 2

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

Places

25

Min points

533

Internship

Yes

QQIFET

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

DC194

BEng and MEng in Mechanical and Sustainability Engineering
Honours Bachelor Degree, optional Masters Degree

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
- 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 an improved electric vehicle, jet engine or wind turbine? Maybe you have figured out a way to enhance inhalers or door handles. Do you have a natural ability in mathematics, 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. Alternatively, 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, how to fix or improve them, and 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 course 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 course has 4 academic themes, with each stream addressing a particular aspect of mechanical and manufacturing engineering. These streams 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 Masters of Engineering will simultaneously receive their BEng qualification. The course places a strong emphasis on both academic performances in examinations and continuous assessment throughout the 5 years.

INTRA Work Placement

In Year 3, you will undertake a paid work placement through the INTRA programme, lasting 6 months for most students, and 10 months for those on the integrated MEng pathway. INTRA offers a valuable opportunity to enhance your CV, boost your employability, and apply your academic knowledge and skills in a real-world setting, positioning you competitively in the job market.



While most placements are based with businesses in Ireland, there are also opportunities to gain international experience with some of the world's leading companies. For more information, please visit dcu.ie/intra.

What Will I Study?

Year 1

Engineering Sciences | Engineering Mathematics | 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

Year 2

Design and Solid Modelling | Engineering Mechanics: Dynamics | Thermofluid Mechanics | Thermodynamics: Energy | Manufacturing Processes | Mechanics of Materials | Engineering Computation | Engineering Mathematics | Pneumatics and Hydraulics

Year 3

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)

(Option to choose 5 year MEng subject to achieving H2.2 or higher in Years 1 and 2)

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

CAO code

DC195

Years

4

Places

25

Min points

542

Internship

Yes

QQI FET

Yes

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
- 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 as a result.

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, and 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 gain 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 course has 8 academic themes, with each theme addressing a particular aspect of Biomedical Engineering.

These streams 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.

There is an option to undertake an integrated Masters from Year 3 subject to achieving H2.2 or higher in Years 1 and 2).

INTRA Work Placement

In Year 3, you will undertake a paid work placement through the INTRA programme, lasting 6 months for most students, and 10 months for those on the integrated MEng pathway. INTRA offers a valuable opportunity to enhance your CV, boost your employability, and apply your academic knowledge and skills in a real-world setting, positioning you competitively in the job market.

While most placements are based with businesses in Ireland, there are also opportunities to gain international experience with some of the world's leading companies. 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 | 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

Product Development and Regulatory Compliance | Mechanics of Machines | Engineering Project Management | Lean and 6 Sigma Manufacturing | Product Design | Measurement and Signal Processing | Fundamentals of Control | Data Analytics for Engineers | INTRA (part 1)

(Option to choose 5 year MEng subject to achieving H2.2 or higher in Year 1 and 2)

Year 4 (BEng)

Image Processing and Analysis (Plus) | Finite Elements Analysis | Heat and Mass Transfer | 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 | Finite Element Analysis | Heat Transfer and Fluid Mechanics | Computational Thermo-Fluid Dynamics | 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

Places

25

Min points

544

Internship

Yes

QQIFET

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 Computing for Business

Innovation for a digital world

Why DCU?

- This course allows 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
- 8 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 enjoy working creatively in teams? Would you like to learn how organisations can use technology and digital solutions to meet current business demands?

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 course 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 provides you with 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 transferable. As a graduate of the BSc in Computing for Business, you will be ideally be 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 course, 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 (INTRA). 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 Work Placement

In Year 3, you will have the opportunity to undertake an 8 months paid work placement (INTRA). This work placement will give you a unique opportunity to enhance your CV, increasing your employability. The INTRA programme integrates academic study with closely related jobs, providing you with an understanding of the professional and practical business world and will help you to stand out in the graduate employment market. INTRA 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 I Study?

Year 1

Web Design | Collaboration and Innovation | Introduction to Computer Hardware | Problem Solving, Creativity and Critical Thinking | Digital Innovation Management and Enterprise | Mathematics for Enterprise Computing | Data Analysis and Visualisation | Digital World | Networks and Internet | Programming Fundamentals | Business Applications | Managing Enterprise Computer Systems

Year 2

Advanced Web Design | Systems Analysis | Enterprise Information Systems | Business Database Management 1 | Programming Fundamentals 2 | Project Management | Business Systems Analysis | Enterprise Computer Systems Configuration | Developing Internet Applications | Programming Fundamentals 3 | Professional Practice for Computing

Year 3

Quantitative Analysis for Business Decisions | Business Information Management | IT Architecture | User Interface Design and Implementation | Fundamentals of Software Testing | Programming Fundamentals (Project) | INTRA or Semester 1 abroad (optional)

Year 4

Search Technologies | App Development | High-Technology Innovation and Entrepreneurship | Exploring Innovative and Disruptive Technologies | Enterprise Computing Team Project | ECIU (DCU Students only, optional) | Software Engineering: Process, Principles and Methods | Enterprise Architecture | Machine Learning

CAO code

DC120

Years

4

Places

120

Min points

400

Internship

Yes

QQI/FET

Yes



Future Careers

- Systems Analyst
- Business Analyst
- Technical Support
- Network Engineer
- Web Developer
- Project Manager
- Programmer
- Systems Engineer
- Software Tester

In These Areas

- IT Companies
- Finance Companies
- Government Sector
- Self-Employment

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 in the car or the 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 leading industry members in the field. 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 Work Placement

In Year 3, you will have the opportunity to undertake a 6 months paid work placement (INTRA). This work placement will give you a unique opportunity to enhance your CV, increasing your employability. The INTRA programme integrates academic study with closely related jobs, giving you an understanding of the professional and practical business world and will help you to stand out in the graduate employment market. INTRA 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

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

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC121

What Will I Study?

Year 1

Computer Systems | Web Design | Digital Innovation Management and Enterprise | Computer Programming | Networks and Internet | Introduction to Operating Systems | IT Mathematics | Problem-Solving, Creativity and Critical Thinking

Year 2

Logic | Systems Analysis | Operating Systems | Introduction to Databases | Probability, Statistics and Linear Algebra | Software Testing | Computer Programming (Data Structures and Algorithms) | Object Oriented Programming | Introduction to DevOps | Systems Programming | Full Stack Development

Year 3

Computer Networks | Machine Learning | OO Analysis and Design | Advanced Algorithms and Artificial Intelligence (AI) Search | Computability and Complexity | Comparative Programming Languages | User Interface Design and Implementation | IT Architecture

Year 4

Compiler Construction | Search Technologies | Cryptography and Security Protocols | Data Centres and Data Mining | Software Engineering | Concurrent and Distributed Programming | Machine Translation | Computer Science Project | Computer Graphics and Image Processing

CAO code

DC121

Years

4

Places

165

Min points

487

Internship

Yes

QQIFET

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 Developed and Used
- Self-Employment

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 offers a range of exciting scholarship opportunities
- 8 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 you 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 sportsperson 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

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 of 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, and then communicate the results to various audiences.

This course has been developed in close collaboration with 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 centres.

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.

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 leading industry professionals who are interested in employing DCU graduates.

INTRA Work Placement

In Year 3, you will have the opportunity to undertake a 8 months long paid work placement (INTRA). This work placement will give you a unique opportunity to enhance your CV, increasing your employability. The INTRA programme integrates academic study with closely related jobs, giving you an understanding

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC123

of the professional and practical business world and will help you to stand out in the graduate employment market. INTRA 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 I Study?

Year 1

Introduction to R | Linear Mathematics 1 and 2 | Calculus | Probability and Statistics | Computer Programming 1 and 2 | Data Science and Databases | Computer Systems

Year 2

Statistics 1 and 2 | Calculus | Computer Programming 3 and 4 | Developing Internet Applications | Data Warehousing | Logic | Data Processing and Visualisation | Programming for Data Analysis

Year 3

Professional and Research Practice for Data Science | Data Exploration Using Graph Theory | Fundamentals of Software Testing | Search Technologies | Application Domains 1 | INTRA

Year 4

Application Domains 2 and 3 | Data Analytics at Speed and Scale | Natural Language Technologies | Advanced Machine Learning | Building Complex Computational Models | Final Year Project

CAO code

DC123

Years

4

Places

40

Min points

500

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

- 110 Bachelor of Education in Early Childhood
- 112 Bachelor of Education (Primary Teaching)
- 116 Bachelor of Religious Education and English or History or Music
- 120 Bachelor of Education in Gaeilge and French or German or Spanish
- 122 Bachelor of Education in Technology, Engineering and Graphics
- 124 Bachelor of Education in Home Economics and Technology
- 126 BSc in Science and Mathematics Education
- 128 BSc in Education and Training
- 130 Foundation Programme in Education and Training

For information in relation to the following concurrent teacher education courses, please see the relevant course entries in the Faculty of Science and Health:

- 70 BSc in Physical Education with Biology
- 72 BSc in Physical Education with Mathematics

Follow us



@DCU_IoE

DCU Institute of Education (IoE)

Access unparalleled opportunities at Ireland's only dedicated faculty of education.

The DCU Institute of Education (IoE) unites students across all education sectors. Our diverse student body includes those studying early childhood education, primary and post-primary teaching, and further education and training. At DCU IoE, you'll work alongside passionate and dedicated staff who are leaders in their fields, contributing to policy and research, and earning global recognition for the quality of their work.

As a student at our Institute, we expect you to share our passion for education. We will challenge you, provoke your thinking, and place you in unique schools and educational settings. We will engage you in meaningful dialogue, asking questions and valuing your inquiries. Our goal is to help you develop the skills necessary to enhance young children's learning and development, to teach in today's and tomorrow's classrooms, and to build a strong foundation for your career in education.

Bachelor of Education in Early Childhood (BEEC)

Develop the knowledge, expertise and skills to support the development and early education of children from birth to 6 years

Why DCU?

- The BEEC will prepare you for a career working as a professional in the growing area of early childhood education
- The BEEC 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 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 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 BEEC course will enable you to become a skilled professional leader in the field of early childhood, which will prepare you 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 (BEEC)

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 BEEC 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 placement and related activities over the duration of the course.

Each year of the BEEC 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 children's 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 the required criteria and wish to travel abroad in Year 3, you will spend a semester (January - April) studying at one of our partner universities, in Belgium, Hungary and Norway. For more information, please visit dcu.ie/placement/study.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC001

Placement in Educational Settings

Throughout the course, you will apply your learning when out on professional practice. You will undertake professional practice each year in semester 2 (January - April) 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 | Drama 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

Places

65

Min points

420

QQI FET

Yes

Future Careers

- Early Childhood Educator
- Manager
- Pedagogical Leader
- Policy Maker
- Trainer
- Early Years Specialist
- Early Years Inspector
- Mentor
- Child and Family Professional

In These Areas

- Preschool
- Naíonraí
- Crèches
- National Voluntary Organisations
- Early Years Inspectorate
- City and County Childcare Committees
- Statutory Bodies
- Development Agencies
- Child and Family Support 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 will 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 Gaelige (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 i agus an Ghaeilge a bheith in úsáid mar ghnáth-theanga teaghlaigh

acu. Le hiaratas 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.

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 (LCVP) may be presented as one of the 6 subjects for the calculation of points but will not qualify as a subject for matriculation purposes.

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 students who choose the optional Catholic denominational strand take 3 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.

Additional Information

This course will enable you to register on graduation as a primary teacher with the Teaching Council of Ireland (see page 188 for further details).

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC002
dcu.ie/DC003
dcu.ie/DC004

DC004 students take an additional qualification in Religious Studies and Religious Education to prepare you 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' professional placement and undertake 2 residential Gaeltacht Learning Periods. 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 professional 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 DC003 placements will be in gaelscoilenna, with a particular focus on developing your experience and skills in the classroom.

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 your experience and skills for teaching multi-grade classes in small 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, Modern Foreign Languages 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, preparing you particularly to teach the Follow Me programme.



Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC002
dcu.ie/DC003
dcu.ie/DC004

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 and Education | 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 | Professional Placement | Optional Track Modules - Major Specialism | DC004 Church of Ireland Centre Denominational Module | Centre for Catholic Education Denominational Module

In Year 3, students may have the opportunity to spend a semester studying abroad at one of our partner universities, provided they meet specific eligibility criteria. Partner institutions are located in countries such as Belgium, Finland, Norway and Spain among others. For more information, please visit dcu.ie/placement/study-overseas.

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

CAO code

DC002

DC003

Gaeltacht Applicants Pathway (Restricted Entry)

DC004

Church of Ireland Centre Pathway (Restricted Entry)

Years

4

Places

400+ (DC002) and (DC003)

32 (DC004)

Min points

485 (DC002)

431 (DC003)

407 (DC004)

QQIFET

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

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 (BREHM)

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
- Professional 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 in post-primary schools
- 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, curriculum making, leadership, reflective practice, communication, research and creativity – skills that will inspire you to work as a professional 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 Professional Preparation and Practice

One of the most exciting and rewarding elements of the course is our hands-on approach to Professional Preparation and Practice. Over the 4 years of the course, you have an opportunity to build a gradual, valuable and extensive experience within a range of teaching and learning environments, including observation of practice, micro-placement, online 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. Professional Preparation and Practice 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 understanding the cultural context of the school you are placed in during Context and Engagement weeks.

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

studentrecruitment@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 21st Century writers.

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.

BRE

CAO code

DC010

Years

4

Places

45

Min points

410

QQIFET

Yes

BRH

CAO code

DC011

Years

4

Places

40

Min points

409

QQIFET

Yes

BRM

CAO code

DC012

Years

4

Places

20

Min points

410

QQIFET

Yes

Bachelor of Religious Education and English or History or Music (BREHM)

Post-Primary Teaching: Help the next generation reach their potential

What Will I Study?

Year 1

Education and Professional Preparation and Practice

Communication and the Teacher | Psychology and Human Development | Introduction to Religious Education | Professional Preparation and Practice 1

Theology, Religious Studies and Ethics

Introduction to the Jewish and Christian Scriptures | Theology: Sources, Themes and Debates | Philosophical and Theological Ethics | History of Christianity

English

Fictions | Poetry: A User's Guide | Modern Drama and Its Contexts | Academic Skills for Third Level

History

The Cold War | The Making of Modern Europe, 1850 – 1998 | Uses and Abuses of History | 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 Professional Preparation and Practice

Teaching Methodologies for the Inclusive Classroom | Curriculum and Assessment | Learning and Teaching Religious Education | Professional Preparation and Practice 2

Theology, Religious Studies and Ethics

Introduction to Philosophy | Liturgy and Worship | 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 1690 - 1850 | Conversion to Colony: Ireland 400 - 1200 | 16th - 18th Century Europe | Global History Introduction

Music

Music History and Culture A | Irish Traditional Music | Harmony, Counterpoint, and Composition 2 | Performance, Choir, Aural and Keyboard 2

Year 3

Education and Professional Preparation and Practice

Teaching Methodologies for Creative Thinking and Learning | History and Philosophy of Education | Religious Education: Theories and Approaches | Professional Preparation and Practice 3

Theology, Religious Studies and Ethics

World Religions and World Views | Theological Anthropology | Relationships, Sexuality and Marriage | The God Question and the Problem of Evil | Religion: Theoretical Approaches

English

Romanticism | Gothic | Modernism

History

Europe in the 19th & 20th Centuries | Empires and Globalization | Late Habsburg Europe 1867 - 1918

Music

Music History and Culture B | Music Technology | Performance, Choir, Aural and Keyboard 3

Year 4

Education and Professional Preparation and Practice

Sociology of Education | Religious Education: Integration Seminars | Professional Preparation and Practice 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

State Creation in the 20th Century | Post-War Europe

Music

Advanced Performance, Key Board Skills and Choir | Orchestration and Contemporary Composition

English:

For 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
- Professional 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 in post-primary schools

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 2 languages Gaeilge and either 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 Professional 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.

Additional Information

This course will enable you to register with the Teaching Council of Ireland (see page 188 for further details).

Upon graduation you can apply immediately for employment in post-primary schools as teachers of Gaeilge and your chosen language: French, German or Spanish.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC013

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 or 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 or Spanish for Teaching Purposes

CAO code

DC013

Years

4

Places

35

Min points

440

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 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 internship in the summer of Year 3
- Advances the creation of just, equitable and sustainable futures for all
- You will be qualified to teach Technology, Engineering, and Design and Communication Graphics in post-primary schools

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, in Dublin.

This Post-Primary Teacher Education course is a 'concurrent' teacher education course - meaning that the academic and professional formation of the teacher is integrated in all 4 years.

You will be qualified 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 a STEM industry placement where adaptive expertise will be further developed.

Professional Placement

One of the most exciting and rewarding elements of the course is our hands-on approach to professional 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 Years 3 and 4, the professional placement component of this course

Additional Information

This course will enable you to register on graduation as a post-primary teacher with the Teaching Council of Ireland (see page 188 for further details). Upon graduation you can apply for employment in post-primary schools as a teacher of Technology, Engineering, and Design and Communication Graphics.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC015

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 placement tutors and school-based cooperating teachers. These placements can take place nationwide.

What Will I Study?

Year 1 (Students based on TUS Campus, Athlone)

Education Theories 1 | Graphics 1 (Plane Geometry) | Models and Modelling | Process Technology 1.1 | Electronics | History of Education in Ireland | Graphics 2 - Descriptive Geometry | Graphicacy and Modelling | Process Technology 1.2 | Applied Control | Mechanics

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 | Professional 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 Professional Placement

CAO code

DC015

Years

4

Places

30

Min points

402

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

Bachelor of Education in Home Economics and Technology

Post-Primary Teaching: Home Economics and Technology champions shaping 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 an undergraduate teacher education degree offering Home Economics and Technology
- Opportunity to engage in paid work placement in the summer of Year 3
- You will be qualified to teach Home Economics and Technology in post-primary schools

About You

Are you a change-maker, interested in shaping teaching and learning for the future? Are you interested in developing knowledge and skills in the art and craft of culinary and textile production? Are you passionate about design and technological innovation, 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:

BEd Home Economics and Technology – Post Primary Education

The Bachelor of Education in Home Economics and Technology 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 at the DCU Institute of Education, in Dublin.

This Post-Primary Teacher Education course is a 'concurrent' teacher education course - meaning that the academic and professional formation of the teacher is integrated in all 4 years. You will be qualified to teach Home Economics and Technology subjects in post-primary schools. The unique approach taken in this course will enable you to become a confident and innovative home economics and technology 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 Home Economics and Technology subjects. In Years 1 and 2, you will develop deep knowledge of and mastery of culinary, textiles and technology design skills. 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 learner-centred, supportive, open, dynamic and practical approach to the study of education.

Foundational and Professional Studies in Education

Over the 4 years of the course, you will develop your professional knowledge and practice for teaching the Home Economics

and Technology subjects. The foundation and professional studies modules focus on developing your knowledge and understanding of philosophy, sociology, psychology, and history of education, as well as your competence in designing, delivering and assessing quality teaching and learning experiences in home economics and technology-related subjects at both junior and senior cycle levels.

Home Economics and Technology

The study of Home Economics and Technology education is exciting, engaging, and challenging. You will learn ways in which individuals and families manage their resources to meet physical, emotional, intellectual, social and economic needs, and develop competencies in culinary arts and textiles. You will also learn the principles of design thinking and designerly practices, and innovation in technology design. Within the Circular Home Enterprise module in the final year, you will advance your theoretical knowledge and practical application of food studies, consumer studies, and technology design through an entrepreneurial project that examines sustainability, creativity and inclusion in home and community settings.

Professional Placement

One of the most exciting and rewarding elements of the course is our hands-on approach to professional placement. Across the 4 year course, you will be prepared for teaching practice in a range of learning environments and contexts, through engagement in micro-teaching, peer-teaching, team-teaching and observation of practice in post-primary school settings. In Years 3 and 4, the professional placement component of this course will enable you to engage in direct teaching of post-primary learners, and also learn about and get involved in activities and initiatives with the wider school community outside of classroom teaching.

Additional Information

This course will enable you to register on graduation as a post primary teacher with the Teaching Council of Ireland (see page 188 for further details). Upon graduation, you can apply for employment in post-primary schools as a teacher of Home Economics and Technology.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC016

You will enjoy strong support throughout your professional development from experienced placement tutors and school-based cooperating teachers. These placements can take place nationwide.

What Will I Study?

Year 1 (Students based on TUS Campus, Athlone)

Education Theories 1 | Food Studies 1 - Science and Culinary Practice | Design Decisions 1 - Textiles and Crafts | Materials and Process Technology | Electronics | History of Education in Ireland | Food Studies 2 - Nutrition, Diet and Health | Graphicacy and Modelling | Mechanics and Process Technology | Social Studies 1 - Families in a Changing Society

Year 2 (Students based on TUS Campus, Athlone)

Technology Subjects Pedagogy 1 | Food Studies 3 - Farm to Fork | Design Decisions 2 - Textiles and Production | Social Studies 2 - Family Law and Child Protection | Advance Process Technology | Micro-teaching and Teaching Preparation | Food Studies 4 - Microbiology and Preservation Methods |

Design Decisions 3 - Sustainable Living and Consumption | ICT and Connected Devices | Manufacturing Systems | Applied Control | Design Realisation

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 | Social Studies 3 - Social Policy Perspectives in Home Economics | Pedagogy 2: Home Economics | Design for Manufacture | Developing a Research Perspective | Professional Placement

Year 4 (Students based on DCU Campus, Dublin)

Curriculum, Policy and Assessment | Teacher Studies and Teacher as Professional | Circular Home Enterprise | Extended Research Project | Advanced Professional Placement

CAO code

DC016

Years

4

Places

30

Min points

367

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 and mathematics teachers

Why DCU?

- You will be taught in relatively small classes allowing for individual attention from high-quality staff
- 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 chemistry and mathematics or 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, and in Years 2, 3 and 4 you will build on this content. In year 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.

Professional 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. You will also have the opportunity to observe lessons in post-primary schools. 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 professional 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

studentrecruitment@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 | Individual Differences, Diversity and Inclusion | Access, Disadvantage and Equality in Education | Professional Placement | Discrete Mathematics | Analysis

Year 3 Options

Chemistry: Analytical Techniques and Research Project
Physics: Physics Laboratory and Research Project

Year 4

Curriculum Development and Evaluation | Teaching in Online Learning Environment | Diversity and Inclusion | Professional Placement | Research Project | Abstract Algebra | Teaching and Assessing Senior Cycle Mathematics

Year 4 Options

Chemistry: Teaching and Assessing Senior Cycle Chemistry | Chemistry Topics Through Laboratory Practicals
Physics: Teaching and Assessing Senior Cycle Physics | Electronics for Science Teachers

CAO code

DC203

Years

4

Places

30

Min points

443

QQI FET

Yes



Future Careers

- Teaching
- Technical Training in Science-based Industries
- Project Management
- Management Research
- Public Service

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).

Additional Information

The 4 year BSc in Education and Training (including placement year) provides accreditation as a Teacher in Further Education and Training (FET) by the Teaching Council of Ireland.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC235

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 and 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

Places

50

Min points

346

QQI/FET

Yes



Future Careers

- Education
- Training

In These Areas

- Community Education
- Adult Education
- Public Sector
- Private Sector

Foundation Programme in Education and Training (NAVET) - 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 2 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. All suitable applicants will be invited to interview and asked to submit a written assignment during the application process. Interviews will be conducted jointly by City of Dublin FET College, Whitehall, St Mobhi Road, Northeast Campus or Drogheda Institute of Further Education (DIFE) and DCU.

DCU and the College of Further Education (CFE) select students based on merit and suitability, and are committed to ensuring equal opportunities for all. 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; City of Dublin FET College, Whitehall, St Mobhi Road, Northeast Campus

QQI Level 5 - Education and Training: Course Code: 5M3635

See whitehallcollege.com/courses/education-training/education-and-training

Contact City of Dublin FET College, Whitehall
T +353 (0) 1 837 6011 / 6012
E whitehallcollege.com/contact-us

OR

Apply for this course directly; Drogheda Institute of Further Education (DIFE)

QQI Level 5 - Education Studies with Psychology: Course Code: 5M3635

See dife.ie/courses-in-arts/

Contact Drogheda Institute of Further Education (DIFE)

T +353 (0) 41 9837105

E dife@lmetb.ie

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.

Additional Information

This course is offered jointly by DCU and two College of Further Education: City of Dublin FET College, Whitehall, St Mobi Road, Northast Campus or Drogheda Institute of Further Education (DIFE)

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/NAVET

Course Structure

This 1 year course offers modules at Quality and Qualifications Ireland (QQI FET) Level 5 (delivered in the relevant College of Further Education) and includes 2 modules at NFQ Level 8 (delivered on DCU's Institute of Education, St Patrick's campus) which form part of the undergraduate degree in Education and Training (see page 128). You will attend DCU (St Patrick's campus) 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 Foundation Programme and the QQI Level 5 award, either Education and Training (Course Code: 5M3635) at City of Dublin FET College, Whitehall, or Education Studies with Psychology (Course Code: 5M3635) at Drogheda Institute of Further Education (DIFE), you may be eligible to progress to Year 1 of the full-time BSc in Education and Training at DCU. Eligibility is contingent on achieving a minimum of 3 distinctions and 3 merits across the 8 QQI modules.

At 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

At DIFE you will cover:

- Concepts in Education and Training
- Research and Study Skills
- Psychology
- Interpersonal and Group Behaviour
- Communications
- Personal and Professional Development
- Information and Communication Systems
- Word Processing

What Will I Study?

In addition to the core modules on your QQI/FET Level 5 course, you will study the following DCU modules:

- Concepts and Contexts in Education and Training
- Social and Personal Development with Communication Skills

Years

1

Location

City of Dublin FET College, Whitehall, St Mobi Road, Northast Campus or Drogheda Institute of Further Education (DIFE) 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

- 134 Bachelor of Arts: Joint Honours
- 144 BA in Humanities (online) -
Single Module/Diploma/Degree
- 146 BA in Communications Studies
- 148 BA in Journalism
- 150 BSc in Multimedia
- 152 BA in Jazz and Contemporary Music Performance
- 154 BA Gnó and Gaeilge
- 158 BA in Applied Language and Translation Studies
- 160 BA in Social Sciences and Cultural Innovation
- 162 BA in Climate and Environmental Sustainability
- 164 BA in Economics, Politics and Law
- 166 BA in International Relations
- 168 Bachelor of Civil Law
- 170 BA in Theology and Religious Studies

Follow us



@humanitiesDCU

Faculty of Humanities and Social Sciences

The Faculty of Humanities and Social Sciences is DCU's largest faculty, renowned for its excellent courses and innovative teaching methods. DCU is ranked number one in Ireland for Communications and is among the country's leading universities for Linguistics. In Arts and Humanities subjects like History, Philosophy, Theology, Languages and Linguistics, we are consistently ranked among the world's top 200–250 universities.

Our exciting range of courses includes established subjects such as Media Studies, Translation Studies, International Relations, and Climate and Environmental Sustainability. We foster a supportive and innovative environment, with staff who are responsive to students' learning needs both in classroom settings and through individual advice sessions.

No matter which course you choose, you will graduate from the Faculty of Humanities and Social Sciences with deep knowledge of your subject and excellent transferable skills, highly attractive to today's employers.

Bachelor of Arts: Joint Honours

Study what you love and develop essential transferable career skills with a Joint Honours

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

Have 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 course draws on DCU strengths in Humanities and Social Sciences while allowing you to study 2 subjects equally and graduate with one combined qualification. The Joint Honours is known as Dual Honours and Double Majors course. We offer 5 subject 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 - e.g. 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 course to suit your interest and goals. Each course 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.

- 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 course 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 different aspects of law including 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

Additional Information

The course also provides a strong foundation for further study.

– **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

Contact Details

studentrecruitment@dcu.ie

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 Work Placement

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

Additional Notes

- Subjects are studied over 3 or 4 years depending on whether you choose to study abroad for a year or participate in INTRA work placement
- 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, you will be eligible to take a Masters in one of the subjects studied or undertake a Masters in related fields such as education, international relations, translation, journalism, advertising, public relations, conducting, environmental science or film and television production.

Visit Us Online

dcu.ie/arts

CAO code

DC009

Years

3 or 4

(depending on optional year abroad or INTRA)

Places

325

Min points

378

QQI/FET

Yes

CAO code

**DC291, DC292
DC293, DC295**

Years

3 or 4

(depending on optional year abroad or INTRA)

Places

277

Min points

**DC291 358
DC292 398
DC293 360
DC295 387**

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 allow us to imagine ways of living that we may never experience 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 | Children's Literature Across Time and Space

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 tábhar seo domsa?

Agus tú ag déanamh staidéir ar an nGaeilge in DCU foghlaimíodh 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 do 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, acmhainní 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 lecturers and researchers, who embrace areas such as cultural studies, and translation as instructional tools.

The Irish-language modules offered on this course will allow you to develop your practical language skills and to broaden your 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.

Cad iad Na hÁbhair Staidéir A Bheidh Agam?

Bliain 1

Cúrsa Teanga 1 | An Nuafhilíocht agus na hAmhráin | Scéal na Gaeilge | An Scéalaíocht Thraidisiúnta agus an Gearrscéal

Bliain 2

Modúil Roghnacha san Áireamh 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 san Áireamh Cúrsa Teanga 3 | An Cúrsa Taighde | Athbheochan agus Athnuachan | Nuaphrós na Gaeilge | An tSochtheangeolaíocht | An Téarmeolaíocht agus an Fhoclóireacht

Additional Information

The course also provides a strong foundation for further study.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/arts

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 course 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**

Optional Modules Include:
Residential Field Course | Historical Geography | Geopolitics of the Middle East and North Africa | Political Geography: Space of Memory | Advanced Environmental Geography | Research Skills for Catchments | Advanced Urban Geography Research Project | Research Skills in Economic 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 | 1450-1700 African States and Societies: 1500-1885 | 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

Optional Modules Include:
Ireland, 1690-1850 | A History of Northern Ireland | Irish Women in the Long 19th Century Victorian Britain: Society and Culture | Death and Disease in History | Russia's 20th Century Authority and Society in the 20th Century | Political, Social and Cultural Change in 20th Century Britain | Ireland 1169-1534: Culture, Law and Society | Late Habsburg Europe | Fact, Fiction, and European History | People and Politics: case studies in modern Europe | Exploring Irish Popular Cultures, 1800-1950

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

Year 2

Psychology 1: Learning and Motivation | Psychology 2: Psychology of Adolescence | Social Contexts of Adolescence | Research Methods in Human Development | Philosophy: Selfhood, Narrative and Recognition | Sociology of Adulthood

Additional Information
The course also provides a strong foundation for further study.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/arts

Optional Study Abroad / INTRA

Final Year

Research Project | Psychopathology | Social Psychology | Counselling and Psychotherapy | Contemporary Perspectives in Human Development and Education | Social Philosophy | Research Methods | Philosophy: Existentialism | Contemporary Issues in Educational Contexts

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 is this subject 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 course will suit you if you wish to pursue a teaching career, as it complies with current requirements set down by the Teaching Council of Ireland 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 | The Making of Contemporary Europe

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 countries 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. Given their central role in European affairs, there has never been a more compelling time to explore 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 | The Making of Contemporary Europe

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 500 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 | The Making of Contemporary Europe

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 Bachelor 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 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.

Additional Information

The course also provides a strong foundation for further study.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/arts

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

History and Structure of the Media |
Analysing Visual Media

Year 2

Media Audiences | Media and Power |
Social Class in the Media | Film History and
Theory | Crime Policing and the Media

Optional Study Abroad / INTRA

Final Year

Gender and Sexuality in Digital Culture |
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 course 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: Baroque and Film Music | Composition, Theory and Applied Techniques 2 | Topics in Musicology 2: Early Opera and Traditional Irish Music

Year 2

Performance/Participation in Music 2 | Composition, Theory and Applied Techniques 3 | Topics in Musicology 3: Classical Orchestral, Chamber of Music and Ethnomusicology | Composition, Theory and Applied Techniques 4 | Topics in Musicology 4: Opera and Songcycle, Irish Art Music and Popular Music

Optional Study Abroad / INTRA

Final Year

Optional Modules Include:
Performance/Participation in Music 3 | Musicological Research with dissertation, OR Choral Studies/Conducting with portfolio | Composition, Theory and Applied Techniques 5 | Topics in Musicology 5: 19th Century Western Art Music and World Popular Music | Composition, Theory and Applied Techniques 6 | Topics in Musicology 6: Contemporary Western Art Music and Irish Traditional Music

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 | World Philosophies

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

Digital International Relations | 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 course also provides a strong foundation for further study.

Contact Details
studentrecruitment@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 /World Views

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

Study at your own pace through online distance learning with 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 course right now
- Enjoy flexibility through online distance learning to study at honours course 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 course 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 course 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 course in Humanities in the future. The Arts Single Module allows you to undertake humanities subjects at university course level for personal enjoyment or for continual professional development purposes - but without having to commit to study towards a course 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 or diploma
- 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,

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Visit Us Online
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CAO code
DC342

NFQ
Level 8

Delivery mode
**Part-time/
online**

Duration
**Maximum
8 years**

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

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 course 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 course 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.

Additional Information

The course also provides a strong foundation for further study at Masters level.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

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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

Places

82

Min points

360

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 curious, enquiring outlook? Do you have strong reasoning skills and have the ability to communicate clearly? Do you enjoy reading, writing and have an interest in current affairs, culture and all kinds of news media? Are you able to absorb large amounts of information quickly, analyse that information, and do you have the writing and communication skills to explain it clearly?

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 and communicate clearly. Throughout this course, you will explore written, video and audio forms of storytelling, including new forms that can be seen online and on various social media platforms. Studying areas such as politics, ethics, climate change, peace and conflict and journalism history, 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, and 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 – primarily it is about informing and educating 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.
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.

INTRA Work Placement

This 8-week work placement in final year, will give you a unique opportunity to enhance your CV, increase your employability and apply your knowledge and skills in the real world. For more information, please visit dcu.ie/intra

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC132

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 Production Skills | Journalism Research, Study and Communication Skills | Ethics and Regulation | Networked News | Introduction to Politics and Public Affairs

Year 2

Representations in the News | News Design | Feature Writing | Media Law | Podcasting | Advanced Reporting | Crime, Policing and the Media | Sport, Media and Society | Photojournalism | Video Journalism | Data Journalism | Cultural Journalism | International News

Year 3

Newsdays | Video Storytelling | Project/ Dissertation | Case Studies in Investigative Journalism | Media, Sport and Society | Press and Public Relations | Perspective on Political and Financial Journalism | INTRA | Climate Change and the Media | Peace and Conflict Journalism | Research for Journalists | Journalism Opportunities and Innovation | Uaneen Award: DCU's Leadership and Engagement Module

CAO code

DC132

Years

3

Places

48

Min points

409

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 practice-based work informed by theory

Why DCU?

- First course of its type in Ireland and still remains the leader in its field after 25 years of excellence in teaching and learning
- Staff are actively engaged in contemporary creative media practice, and conduct internationally recognised, research
- Our graduates are recognised by the creative and media industries for the value of their work and their broad range of skills
- You get to shape your course 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 central to our everyday lives. These technologies are widely used for the creation, display, and interaction of content we engage with regularly in all areas of life - from education to work, entertainment, mobility, broadcasting and many more.

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 work, 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 develop key skills to work individually and in teams on challenging multimedia projects. Many of our graduates are highly successful designers, developers, artists, broadcasters, filmmakers, 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 course, 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.

Contact Details
studentrecruitment@dcu.ie

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CAO code
DC133

Years
3

Places
68

Min points
388

QQI FET
Yes

What Will I Study?

The following list includes both core and optional modules:

Year 1

(Core Modules only)

Sound Production | Photography |
Researching Writing for Media | Media
Theory and History | Information
Design | Responsive Media | Digital
Video | Media Theory and History |
Psychology, Media and Creativity

Year 2

Core Modules

New Media and Society | Critical
Praxis | Interaction Design

Optional Modules

Audio | Graphic Design | Advanced Creative
Coding | Scriptwriting | Advanced Video
Production | Environmental Storytelling |
Media Spaces | Instructional Design | Film
History and Theory | Analysing Advertising

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

Future Careers

- Digital Project Manager
- Game / App Designer
- Graphic Designer
- UI/UX Designer
- Interaction Design /
Social Media Manager
- 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 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 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.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC014

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

Optional Modules 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

Optional Modules Include:

Advanced Harmony | Jazz History, Ethos and Philosophy | 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

Places

25

Min points

315

QQI FET

Yes



Future Careers

- Professional Performing Musician
- Arranger
- Composer
- Music Producer
- Music Educator
- Session Musician

BA Gnó agus Gaeilge

Gnó agus Gaeilge – Bí cruthaitheach agus iomaíoch

Cén Fáth a Roghnófa OCBÁC?

- 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 túmuineach 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 spleodra. 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 dtaithe ar obair foirne agus beidh deis agat forbairt phearsanta a dhéanamh agus do shamhlaíocht a úsáid i gcomhthéacs cruthaitheach gnó.

INTRA Work Placement

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 briteann sé ar líon na socrúcháin a bhíonn ar fáil. Chun teacht ar bhreis eolais faoi chlár INTRA, téigh chuig dcu.ie/intra

Gaeilge an teanga teagaisc ar an gcúrsa seo.

Cad Iad Na hÁbhair Staidéir**A Bheidh Agam?****Bliain 1**

Cúrsa Teanga 1 | Fiontraíocht agus Cruthaitheacht | Córais Eacnamaíochta agus Pholaitíochta | Teicneolaíocht na Faisnéise | Margáíocht | Scéal na Gaeilge | Na hIlmheáin | Modhanna Cainníochta don Ghnó | Bainistíocht agus Iompar Eagraíochtaí | An Nuafhilíocht agus na hAmhráin

Bliain 2

Cúrsa Teanga 2 | Aistriúchán agus Eagarthóireacht | Modhanna Taighde | 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 agus an 18ú hAois | Ainmeolaíocht na Gaeilge

Bliain 3 - Roghnach

INTRA

An Bhliain Deiridh

Bainistíocht Straitéiseach | Anailísíocht Ghnó | Ríomhthráchtáil | Bunú Fiontair | An Cúrsa Taighde | Cúrsa Teanga 3

Modúil Roghnacha san Áireamh:

Athbheochan agus Athnuachan | An tSochtheangeolaíocht | Nuaphrós na Gaeilge | An Téarmeolaíocht agus an Fhoclóireacht

CAO code

DC118

Years

3 nó 4

Places

24

Min points

402

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 course is all about. There is no comparable course 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 Work Placement

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
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC118

What Will I 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 | Quantitative Skills for Business

Year 2

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 | Research Methods

Optional Modules Include:

Gaeltacht Experience | Modern Irish Poetry 2 | Folklore | Irish Place-Names | 17th and 18th Century Irish Literature

Year 3 - Optional

INTRA

Final Year

Strategic Management | Analytics for Business | E-Commerce | Language Skills 3 | Enterprise Start-Up | Research Course

Optional Modules Include:

Irish Language Revival and Renewal | Sociolinguistics | Modern Irish Prose | Terminology and Lexicography

CAO code

DC118

Years

3 or 4

Places

24

Min points

402

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

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 course 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 course 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 course 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 course, if you wish to do so.

Please note that Chinese and Japanese are offered at beginner level only. 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 Work Placement

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

Additional Information

The course also provides a strong foundation for further study.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC155

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 course 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*]

Places

43

Min points

378

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 Intercultural Studies, 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 or a Year abroad
- Focus on applying knowledge in creative and effective ways

About You

Are you interested in exploring how culture, media and politics shape our world society and identity? Are you 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 Intercultural Studies, with 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, Teamwork and Collaboration, Ethical and Critical Thinking, Digital Literacy, Communicative Competence, Intercultural Communication, Intercultural Competence, Communicative Competence and Future Thinking.

Furthermore, you have the possibility of studying abroad for a 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. The option is competitive and subject to the availability of places.

INTRA Work Placement

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

Additional Information
The course also provides a strong foundation for further study.

Contact Details
studentrecruitment@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 | Ethics in Digital Culture | 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 | Ireland, Sex and Text | Global Cultures | Social Innovation and Entrepreneurship | The Making of Contemporary Europe | Political Ideologies | Music Industries | Data Literacy and Analytics

Optional Modules Include:

Understanding Social Media | Social Class and 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 Multiculturalism | Politics of Sub-Saharan Africa | Communication Culture and the Environment | Dissertation

Optional Modules Include:

Media Law | Television Drama | Press and Public Relations | 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 | English Skills for Professional Life | On Being Human in an Uncertain World | Race and the Media | Uaneen Award: DCU's Leadership and Engagement Module

CAO code
DC238

Years
3 or 4

Places
60

Min points
334

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
- Not-For-Profit Organisations

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 topics such as climates and climate change, environmental citizen science, systems thinking, environmental impact assessments and environmental 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 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, Sociology, Biology and Physics). Specifically, you will study innovative modules such as biogeography, climates and climate change, sustainable food security, ecosystems and conservation and complementary modules that are drawn from the Geography offering on 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 the 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 apply to study for a year abroad in Year 3 or 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 Work Placement

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

Additional Information

This course will be jointly delivered by the Faculty of Humanities and Social Sciences and the Faculty of Engineering and Computing

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC294



Rialtas na hÉireann
Government of Ireland



Human
Capital
Initiative

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 Marine and Coastal Environments | Environmental Economics | Climate Change: Causes and Consequences |

Sustainable Food Security | Sustainability Fieldtrip | Climate Change and Environmental Policy | Sustainability Journey 2: Insights Through Collaboration

Year 3 (Optional)

Optional year abroad or optional work placement (INTRA)

Final Year

Water Resource Management | Nature-based Solutions | Environmental Impact Assessments | Environmental Philosophy | Challenge-Based Learning for Transformative Change | Environmental Systems | Climate and Environmental Sustainability Research Project | Sustainability Journey 3 - Active Engagement

CAO code

DC294

Years

3/4

Places

26

Min points

431

Internship

Yes

QQI/FET

Yes



Future Careers

- Climate Scientist
- Sustainability Manager
- Environmental Consultant
- Environmental Data Analyst
- Environmental Resource Manager
- Policy Analyst
- Corporate Social Responsibility Manager
- Strategic Change Manager
- Conservation Manager

In These Areas

- Environmental Consultancy
- Community Development
- 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 course
- Option to spend a year studying abroad or working on a paid work placement (INTRA)
- Lecturers who are engaged 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 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

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. Any social problem we can think of has solutions, this 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 course. 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. Alternatively, you may choose to spend an additional year either studying abroad or completing an INTRA work placement in Year 3.

INTRA Work Placement

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

You then complete the final year of your course in DCU.

Additional Information

Graduates will be eligible for entry to the Law Society of Ireland as trainee solicitors on successful completion of the relevant entrance exams, as the course covers all subjects required for the entrance exams.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC230

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 Modern Ireland | International Political Economy | Introduction to Macroeconomics | The Role of International Law in International Relations

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, Power and Democracy

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

Places

140

Min points

467

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 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 course
- DCU is a leading centre for expertise in International Relations, with lecturers involved in work on global issues such as security, peace and environmental justice

About You

Do you have an interest in major world and global 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 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 nationally and transnationally. You will learn about such issues as peace, security, political violence globalisation, international law, third-world debt and the foreign policy of states and world regions. 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 course.

This is normally a 3 year course. Alternatively, you may choose 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 Work Placement

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

What Will I Study?

Year 1

Introduction to International Relations and Security | Introduction to Politics | Introduction to European Integration | Climate Change and International Politics | Introduction to International Political Economy | Introduction to Development | Introduction to Global Governance | The Role of International Law in International Relations

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)

Additional Information

The course also provides a strong foundation for further study.

Contact Details

studentrecruitment@dcu.ie

Visit Us Online

dcu.ie/DC231

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 | Introduction to Gender Studies | Irish Foreign Policy | The Making of Contemporary Europe | Global Cultures

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

Places

67

Min points

411

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 Organisations
- Statutory Bodies
- Non-Governmental Organisations (NGOs)
- Public Service
- Corporate and Private Industry
- Media Industry

Bachelor of Civil Law – BCL

Learn about law and the legal system, as well as 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 abroad 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:

Civil Law - BCL

The Bachelor of Civil Law - BCL at DCU is a cutting-edge law course 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 BCL course 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 BA covers all foundational law modules and some additional modules not usually found on undergraduate law course. Rather than being stand-alone modules, the questions of how law affects society are woven into core law modules. This 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.

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 is an approved course for King's Inns. The skills you develop will also be helpful for a range of alternative legal careers, as well as careers outside the legal professions.

Year Abroad

This course is normally a 3 year course. Alternatively, you may choose 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 Work Placement

This 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 course also provides a strong foundation for further study.

Contact Details
studentrecruitment@dcu.ie

Visit Us Online
dcu.ie/DC232

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 Include:

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 Include:

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

Places
116

Min points
496

Internship
Yes

QQIFET
Yes



Future Careers

- Barrister
- Solicitor
- Corporate Governance Professional
- Legal Analyst
- Regulatory Compliance Advisor
- Tax 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 course 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.

Additional Information

To be eligible to apply for this course you must be aged 23 or over on 1 January in the year of application.

Contact Details

john.murray@dcu.ie

Visit Us Online

dcu.ie/DC300

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

Places

30-35

Min points

N/A



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 Organisations
- 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:

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For more information, please visit
dcu.ie/registry/ug-admissions

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 Education in Early Childhood
- 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
- 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* and DC004* 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 entry): 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

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, up to 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, please visit dcu.ie/registry/registry-uk-applicants

Entry requirements for GCE A Levels can be found on the individual course pages, please visit dcu.ie/courses

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-admissions

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, please visit dcu.ie/registry/international-undergraduate-admissions. For information on how to apply, please visit dcu.ie/registry/how-to-apply-dcu

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 2025/2026 are accepted on an ongoing basis from October 2024 to 1 July 2026
- 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 2025/2026
- 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.

You must be under 23 years of age and present with an Irish Leaving Certificate, A-Levels and/or other EU qualifications. 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 2025 until 1 May 2026
- DCU Performance Sport online application will open in February 2026

The closing date for applications is 1 May 2026. 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.

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 and DC004 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 general and admissions enquiries, please visit dcu.ie/registry/ug-admissions and email ugadmissions@dcu.ie

For support, please contact maturestudents@dcu.ie and visit our Mature Student page on Your Journey to DCU

Study Abroad / Occasional / Visiting Students

DCU welcomes fee-paying international students who wish to study for one semester or a full academic year, earning academic credits that contribute to their degree programmes at their home institutions.

Applications should be submitted directly to the Study Abroad Team by 30 May for September entry or by 30 October for January entry.

For more information, please visit dcu.ie/placement or contact the International Mobility Team at study.abroad@dcu.ie

Exchange / Erasmus Students

DCU has established numerous Exchange and Erasmus agreements with partner universities worldwide, enabling students to study at DCU for one semester or a full academic year on a tuition-free basis, with academic credits contributing to their degree programmes at their home institutions.

Please note: DCU does not accept direct applications from students under the Exchange or Erasmus programmes. **All nominations must be submitted by our partner universities** to the International Mobility Team by 31 March for September entry or by 30 September for January entry.

Students from institutions without an existing partnership agreement with DCU may apply through our Study Abroad programme instead.

For more information, please visit dcu.ie/placement or contact the International Mobility Team at incoming.mobility@dcu.ie

Recognition of Prior Learning (RPL)

DCU encourages applications based on prior learning. We believe the 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.

For more information, please visit dcu.ie/recognition-prior-learning

Fees and Funding

There are 3 elements to Undergraduate tuition fees: Tuition Fees, Student Contribution Charge, and Student Levy

Tuition Fees - The 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 member state who:

- Are 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.

Fees are subject to change on an annual basis.

Student Contribution Charge

For the 2025/2026 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, when registering, with second instalment in January each year.

Students who are not eligible for the free fees scheme, will have to pay the full tuition fee, the 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 2025/2026, 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 T +353 (0)91 509 800 CAO.ie
Mature Applications	1 February	See note on page 178	
DCU Sports Scholarships	1 May	dcu.ie/sportscholarships	
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-undergraduate-admissions

Foundation Courses (all applicants)

Category	Closing Dates	Application Information	Contact
Foundation Certificate in Education and Training (FCET)	Summer 2025	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-undergraduate-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 Gaelge. 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 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 Mechatronics 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 Certificate Points		Approx. Number of Places	Duration
									2025	2024		
DC111	Business Studies	24				O4/H6		✓	510	508	180	3/4 years
DC110	Business Studies International	26			H4	O4/H6		✓	498	488	95	4 years
DC117	Aviation Management / with Pilot Studies / with Air Traffic Controller Studies	30				O4/H6		✓	500	488	50	4 years
DC112	Global Business France	28			H4 French	O4/H6		✓	543	521	18	4 years
DC113	Global Business Germany	28			H4 German	O4/H6		✓	455	477	20	4 years
DC114	Global Business Spain	28			H4 Spanish	O4/H6		✓	555	554	18	4 years
DC116	Global Business USA	28				O4/H6		✓	617	601	TBC	4 years
DC119	Global Business Canada	28				O4/H6		✓	545	566	20	4 years
DC115	Accounting and Finance	32				O4/H6		✓	532	523	110	3 years
DC240	Marketing, Innovation and Technology	34				O4/H6		✓	487	477	75	4 years
DC241	Digital Business and Innovation	36				O4/H6		✓	468	464	60	4 years
DC127	Common Entry into Actuarial and Financial Mathematics	40				H3		✓	555	545	25	2 years only+
DC126	Actuarial Mathematics	42				H3		✗	589	578	30	4 years
DC180	Biological Sciences General Entry	44				O3/H6	O3/H5 Group 1*	✓	466*	487	160	1 year only+
DC181	Biotechnology	48				O3/H6	O3/H5 Group 1*	✓	498	520		4 years
DC168	Genetics and Cell Biology	50				O3/H6	O3/H5 Group 1*	✓	518	532		4 years
DC163	Chemical Sciences General Entry	52				O3/H6	O3/H5 Group 1*	✓	402	404	167	1 year only+
DC160	Chemistry with Artificial Intelligence	54				O3/H6	O3/H5 Group 1*		413			4 years
DC161	Analytical Science	56				O3/H6	O3/H5 Group 1*	✓	410	431		4 years
DC162	Chemical and Pharmaceutical Sciences	58				O3/H6	O3/H5 Group 1*	✓	477	485		4 years
DC166	Environmental Science and Technology	60				O3/H6	O3/H5 Group 3***	✓	434	434		4 years
DC175	Physics General Entry	62				O3/H6	O3/H5 Group 2**	✓	413	402	68	1 year only+
DC202	Sport Science and Health	66				O4/H6	O4/H6 Group 3***	✓	518	511	60	4 years

* Random Selection

+ Specialisation after Year 1 or Year 2

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Science Subject	QI FET	Min Leaving Certificate Points		Approx. Number of Places	Duration
									2025	2024		
DC204	Athletic Therapy and Training	68				O4/H6	O4/H6 Group 3***	✓	554	565	28	4 years
DC205	Physical Education with Biology	70				O4/H6	O4/H6 Group 3***	✓	521	542	40	4 years
DC206	Physical Education with Mathematics	72				O1/H6	O4/H6 Group 3***	✓	499*	508	30	4 years
DC208	Psychology	74				O4/H6		✓	533	555	40	4 years
DC207	Psychology and Mathematics	76				H3		✓	492	487	10	4 years
DC210	Psychology and Destructive Technologies	78				O4/H6		✓	496	496	20	4 years
DC209	Health and Society	80				O6/H7	O6/H7 Group 3***	✓	452	420	50	3 years
DC215	General Nursing	82				O6/H7	O6/H7 Group 3***	✓	424	411	130	4 years
DC216	Mental Health Nursing	82				O6/H7	O6/H7 Group 3***	✓	359	340	90	4 years
DC217	Intellectual Disability Nursing	82				O6/H7	O6/H7 Group 3***	✓	308	310	50	4 years
DC218	Children's and General Nursing	82				O6/H7	O6/H7 Group 3***	✓	509	487	40	4.5 years

Group 1 – Science Courses*

Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science, Computer Science

Group 2 – Science Courses**

Physics, Chemistry, Biology, Physics with Chemistry, Applied Mathematics, Computer Science

Group 3 - Science Courses***

Physics, Chemistry, Biology, Physics with Chemistry, Agricultural Science

DC200	Engineering Common Entry	88				H4***		✓	543	521	100	1 year only+
DC190	Electronic and Computer Engineering	90				H4***		✓	531	520	25	4 years
DC193	Mechatronic Engineering	94				H4***		✓	533	520	25	4 years
DC194	Mechanical and Sustainability Engineering	96				H4***		✓	533	510	25	4 years
DC195	Mechanical and Manufacturing Engineering	98				H4***		✓	542	522	25	4 years
DC197	Biomedical Engineering	100				H4***		✓	544	533	25	4 years
DC120	Computing for Business	102				O4/H6		✓	400	414	120	4 years
DC121	Computer Science	104				O4/H6		✓	487	498	165	4 years
DC123	Data Science	106				H3		✓	500	499	40	4 years

*** H4 Mathematics OR H4 Applied Mathematics with H5 in Mathematics

CAO Code	Course Title	Page Number	Irish	English	Chosen Language	Maths	Other Subject	QQI FET	Min Leaving Certificate Points		Approx. Number of Places	Duration
									2025	2024		
DC001	Education in Early Childhood	110	General Entry Requirements Apply, see page 174					✓	420	420	65	4 years
DC002	Bachelor of Education	112	H4	O4/H7		O4/H7		✗	485	478	400+	4 years
DC003#	Bachelor of Education (Gaeltacht Pathway - Restricted Entry)	112	H3	O4/H7		O4/H7		✗	431	410		4 years
DC004#	Bachelor of Education (CICE Pathway - Restricted Entry)	112	H4	O4/H7		O4/H7		✗	407	402		32
DC010	Religious Education and English	116	General Entry Requirements Apply, see page 174					✓	410	420	45	4 years
DC011	Religious Education and History	116	General Entry Requirements Apply, see page 174					✓	409	418	40	4 years
DC012	Religious Education and Music	116	General Entry Requirements Apply, see page 174				H4 Music	✓	410	422	20	4 years
DC013	Gaeilge and French or German or Spanish	120	H3		H3			✗	440	419	35	4 years
DC015	Technology, Engineering and Graphics	122				O3/H7		✓	402	400	30	4 years
DC016	Home Economics and Technology	124				O3/H7		✓	367	N/A	30	4 years
DC203	Science and Mathematics Education	126				O1/H6	O4/H6 Group 3***	✓	443	434	30	4 years
DC235	Education and Training	128	General Entry Requirements Apply, see page 174					✓	346	337	50	3/4 years
DC131	Communication Studies	146		H4				✓	360	357	82	3 years
DC132	Journalism	148		H4				✓	409	389	48	3 years
DC133	Multimedia	150		H4				✓	388	387	68	3 years
DC014	Jazz and Contemporary Music Performance	152	General Entry Requirements Apply, see pages 174 and 181					✓	315	328	25	4 years
DC118	Gnó agus Gaeilge (Business and Irish)	154	O1/H4					✓	402	377	24	3/4 years
DC155	Applied Language and Translation Studies	158			H4 see pages 158 and 181			✓	378	393	43	3/4 years
DC238	Social Sciences and Cultural Innovation	160	General Entry Requirements Apply, see page 174					✓	334	337	60	3/4 years
DC294	Climate and Environmental Sustainability	162	General Entry Requirements Apply, see page 174					✓	431	454	26	3/4 years
DC230	Economics, Politics and Law	164				O4/H6		✓	467	451	140	3/4 years
DC231	International Relations	166			H4**			✓	411	371	67	3/4 years
DC232	Civil Law	168	General Entry Requirements Apply, see page 174					✓	496	489	116	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	QFI FET	Min Leaving Certificate Points		Approx. Number of Places	Duration
					2025	2024		
DC009	Arts: Joint Honours	134	Up to 2 subjects are permitted, see page 134 for subject combinations	✓	378	368	325	3/4 years
	English	136	General Entry Requirements Apply					
	Gaeilge	136	O1/H4*					
	Geography	137	General Entry Requirements Apply					
	History	138	General Entry Requirements Apply					
	Human Development	138	General Entry Requirements Apply					
	Music	141	See page 141					
	Philosophy	142	General Entry Requirements Apply					
	World Religions and Theology	143	General Entry Requirements Apply					
DC291	Joint Honours: Media Studies	134	Plus choose 1 from English or International Languages or Politics	✓	358	368	62	3/4 years
	Media Studies	141	H4 (English)**					
	English	136	General Entry Requirements Apply					
	International Languages	139	H4 (French or German or Spanish)***					
	Politics	142	General Entry Requirements Apply					
DC292	Joint Honours: Law	134	Plus choose 1 from History or International Languages or Media Studies	✓	398	378	119	3/4 years
	Law	140	General Entry Requirements Apply					
	History	138	General Entry Requirements Apply					
	International Languages	139	H4 (French or German or Spanish)***					
	Media Studies	141	H4 (English)**					
DC293	Joint Honours: International Languages	134	Plus choose 1 from Gaeilge or Politics	✓	360	410	23	3/4 years
	International Languages	139	H4 (French or German or Spanish)***					
	Gaeilge	136	O1/H4 Gaeilge*					
	Politics	142	General Entry Requirements Apply					
DC295	Joint Honours: Politics	134	Plus choose 1 from Geography or History or Law or World Religions and Theology	✓	387	358	73	3/4 years
	Politics	142	General Entry Requirements Apply					
	Geography	137	General Entry Requirements Apply					
	History	138	General Entry Requirements Apply					
	Law	140	General Entry Requirements Apply					
	World Religions and Theology	143	General Entry Requirements Apply					

*If you register for Gaeilge as one of your chosen subject, then a minimum of O1/H4 in Gaeilge is required

**If you register for Media Studies as one of your chosen subject, then a minimum of H4 in English is required

***If you register for French/German/Spanish as one of your chosen subjects, then a minimum of H4 in that language is required

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 referred to as an undergraduate degree. This normally requires 3/4 years of full-time study.

Credits: Each module carries a number of credits (on average 5) 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 6 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 delivered online with students attending face-to-face on-campus laboratory classes, practical sessions and small group interactions.

Interdisciplinary: Involving 2 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.

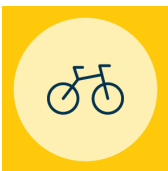
Semester: A division of an academic year, 15 weeks in length. In DCU, the year is divided into 2 semesters, September-December and January-May with exams at the end of each semester.

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.

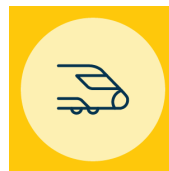
Getting to campus at DCU



Active Commuting



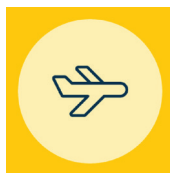
By Bus



By Train



By Car



By Sea/Air



There are currently 3 bike sharing/hiring schemes open to DCU students.
bleeperbike.com
mobybikes.com
tier.app/en



transportforireland.ie/
plan-a-journey/

For more information, please visit dcu.ie/travel-to-dcu/getting-to-campus

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)	112	Primary Curriculum
Bachelor of Education (BEd)-Gaeltacht Restricted Entry (DC003)		
Bachelor of Education (BEd) – CIC Restricted Entry (DC004)		
Post-primary teaching:		
Bachelor of Religious Education and English (DC010)	116	Religious Education, English
Bachelor of Religious Education and History (DC011)	116	Religious Education, History
Bachelor of Religious Education and Music (DC012)	116	Religious Education, Music
BSc in Science and Mathematics Education (DC203)	126	Mathematics and Chemistry / Mathematics and Physics
BSc in Physical Education with Biology (DC205)	70	Physical Education, Biology
BSc in Physical Education with Mathematics (DC206)	72	Physical Education, Mathematics
Bachelor of Education in Gaeilge and French or German or Spanish (DC013)	120	Gaeilge (plus one of) French, German or Spanish
Bachelor of Education in Technology, Engineering and Graphics (DC015)	122	Technology, Engineering, Design and Communication Graphics
Bachelor of Education in Home Economics and Technology (DC016)	124	Home Economics and Technology

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)	24	Business Studies
BA in Accounting and Finance (DC115)	32	Accounting, Business
BA in Economics, Politics and Law (DC230)	164	Economics, CSPE
BSc in Education and Training (DC235)	128	CSPE
BA in Applied Language and Translation Studies (DC155)	158	French, German, Japanese, Spanish
BSc in Computer Science (DC121)	104	Computer Studies
BSc in Analytical Science (DC161)	56	Biology, Chemistry
BSc in Chemical and Pharmaceutical Sciences (DC162)	58	Chemistry
BSc in Actuarial Mathematics (DC126)	42	Mathematics*
BSc in Psychology and Mathematics (DC207)	76	Mathematics*
Common Entry into Actuarial and Financial Mathematics (DC127)	40	Mathematics*
Bachelor of Arts: Joint Honours (DC009, DC291-DC293 & DC295)	134	CSPE, English, French, Gaeilge, German, Geography, History, Music, Religious Education, Spanish
BSc in Biotechnology (DC181)**	48	Biology
BSc in Genetics and Cell Biology (DC168)**	50	Biology
BSc in Chemistry with Artificial Intelligence (DC160)**	54	Chemistry
BSc in Physics with Data Analytics (via DC175)**	62	Physics
BSc in Applied Physics (via DC175)**	62	Physics
BSc in Physics with Astronomy (via DC175)**	62	Physics
BSc in Physics with Biomedical Sciences (via DC175)**	62	Physics
BSc in Environmental Science and Technology (DC166)**	60	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

E info@teachingcouncil.ie www.teachingcouncil.ie

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Your Wellbeing and Safety

The wellbeing and safety of our students is a key priority for us here at DCU. Our DCU Healthy initiative and our SafeZone app reflect just some of the ways that we support our students.

DCU Healthy 

DCU Healthy is a whole-of-university approach to positive mental and physical health and student wellbeing.

DCU Healthy 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/healthy

 **SafeZone**

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



November Open Days

Friday 14 and Saturday 15
November 2025

FET QQI Open Day

Tuesday 2 December 2025

CAO Information Evening

Thursday 15 January 2026 (Virtual)

Spring Open Day

Saturday 18 April 2026

June CAO Information Day

Wednesday 24 June 2026

For more information,
please scan the QR code or visit
dcu.ie/studentrecruitment/dcu-open-days



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