



# RÉAMHEOLAIRE FOCHÉIME UNDERGRADUATE PROSPECTUS 2018



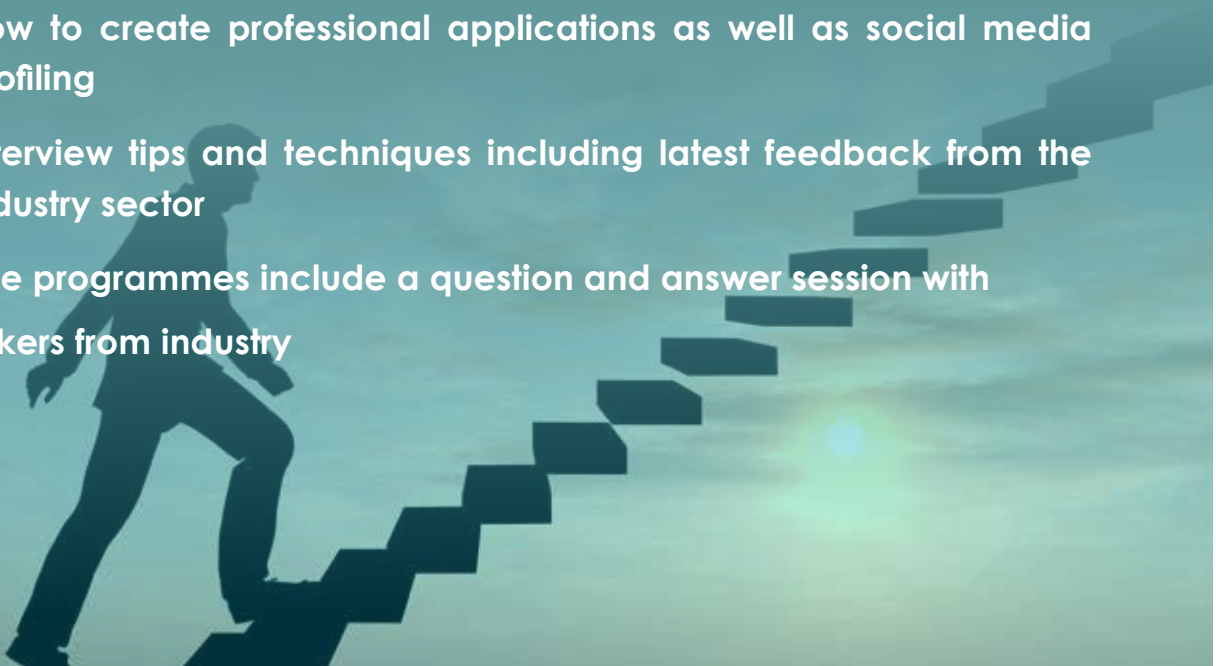
# Career Development Centre

As part of all programmes, DIT Career Development Centre offers career learning to all students enabling them to maximise their employability. The approach encourages reflection on how best to use one's knowledge, skills and attributes to make and implement personally fulfilling career choices.

## **CAREER LEARNING INCLUDES:**

- Exploration of career motivations and the development of a mindset for personal success
- Occupational/labour market research to learn more about different career options
- Evaluation of options open to graduates of your programme
- Job searching, networking and other strategic ways of sourcing opportunities
- How to create professional applications as well as social media profiling
- Interview tips and techniques including latest feedback from the industry sector

\*Some programmes include a question and answer session with speakers from industry





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# WELCOME

## to Dublin Institute of technology

I am delighted that you are considering Dublin Institute of Technology (DIT) for your undergraduate studies.

I think I can honestly tell you that DIT is an exciting place to be a student. It is one of Ireland's largest institutions of higher education and it is probably one of the most diverse in terms of areas of study, from apprenticeship to PhD. DIT students come from all parts of Ireland and from 80 countries around the world, creating a diverse campus community. Our students benefit from that diversity, and develop an understanding and empathy with people of other backgrounds and cultures.

Academic achievement at every level is very important in DIT, and our students excel in their fields of study and in their subsequent careers, but we also strongly encourage students to enjoy all the other aspects of college life. This may include joining some of the many clubs and societies – either to enjoy something you know you have always loved or to do something you have never tried before. There are lots of opportunities to volunteer on a range of interesting projects; you may avail of the chance to study abroad for a year or a semester; or you may take up a work placement related to your course.

Your time as a student in DIT should be exciting, enjoyable and productive. We aim to ensure that our students not only gain the knowledge and expertise they need to graduate successfully, but that they also learn how to learn. That is the key quality that ensures that DIT graduates continue to grow and develop, throughout their careers.

I wish you every success in your current studies and I hope that we may meet on campus in DIT in 2018!



Professor Brian Norton  
President  
September 2017





# FÁILTE

## chuig Institiúid Teicneolaíochta Bhaile Átha Cliath!

Tá an-áthas orm go bhfuil tú ag machnamh ar fhreastal ar Institiúid Teicneolaíochta Bhaile Átha Cliath (ITBÁC) chun do chuid staidéar fóchéime a dhéanamh.

Caithfidh mé a rá gur áit spreagthach í ITBÁC le bheith i do mhac léinn inti. Tá sí ar cheann de na hInstitiúidí ard-oideachais is mó sa tír agus tá éagsúlacht ag baint leis na cláir acadúla atá ar fáil uainn ó phrintíseachtaí go PhD. Tá mic léinn ó gach cearn den tír seo agus ó 80 tír ó fud na cruinne ag freastal ar ITBÁC, ag cruthú pobail ilchineálach ar champas. Baineann na mic léinn tairbhe as an éagsúlacht seo agus forbraítear tuiscint agus ionbhá le mic léinn ó chúlráí agus ó chultúir éagsúla.

Tá gnóthachtáil acadúil ag gach leibhéal thar a bheith tábhachtach in ITBÁC agus éiríonn thar barr le mic léinn ITBÁC ina réimsí staidéar agus ina ngairmeacha ina dhiaidh sin ach molaimid go láidir do mhic léinn sult a bhaint as gach gné eile de shaol an choláiste chomh maith. Is féidir a bheith gníomhach sna cumainn agus sna clubanna éagsúla go léir atá san Institiúid a thugann deis duit sult a bhaint as na caitheamh aimsire a thaithníonn go mór leat ná sin triall a bhaint as rud éigin úrnua! Tá go leor deiseanna do mhic léinn obair dheonach a dhéanamh le réimse tionscadail suimiúla; is féidir leat an deis a thapadh chun seimeastar ná bliain a chaitheamh ag staidéar thar lear ná sin is féidir leat tréimhse thaithí oibre a fháil bainteach le do chláir staidéir.

Ba cheart go mbeadh tréimhse spreagúil, thaitneamhach agus tháirgiúil agat anseo mar mhac léinn in ITBÁC. Tá sé mar aidhm againn a chinntiú go bhfaigheann mic léinn, ní hamháin an t-eolas agus an saineolas atá ag teastáil uatha chun céim a bhaint amach, ach go bhfoghlaímíonn mic léinn conas foghlaim chomh maith. Sin an saintréith a chinntíonn go leanann le céimithe de chuid na hInstitiúide fás agus forbairt i gcaitheamh a ngairmréimeanna.

Guím gach rath ort agus tú i mbun staidéir i láthair na huaire agus tá súil agam go gcasfaimid ar a chéile ar an gcampas anseo in Institiúid Teicneolaíochta Bhaile Átha Cliath in 2018!



An tOllamh Brian Norton  
An tUachtarán  
Meán Fómhair 2017

# ARTS & TOURISM

**“IN THE FUTURE WE WILL  
NEED TO CREATE NEW  
KNOWLEDGE AND NEW WAYS OF  
UNDERSTANDING SOCIETY”**



## HONOURS DEGREES - LEVEL 8

	CODE	Pg No.
Baking & Pastry Arts Management	DT8418	6
Bar & Beverage Management & Entrepreneurship	DT417	8
Commercial Modern Music	DT506	10
Contemporary Visual Culture	DT533	12
Creative & Cultural Industries	DT597	14
Culinary Arts	DT407	16
Culinary Entrepreneurship	DT416	18
Culinary Science	DT405	20
Design - Visual Communication	DT545	22
Drama (Performance)	DT529	24
Early Childhood Education	DT572	26
Event Management	DT413	28
Film & Broadcasting	DT504	30
Fine Art	DT546	32
Game Design	DT508	34
Hospitality Management	DT408A	36
Interior Design	DT544	38
International Business & Languages (Chinese/French/German/Irish/Italian/Spanish)	DT555	40
International Hospitality Management	DT401	42
Journalism	DT582	44
Languages & English Studies	DT517	46
Languages & International Tourism (Chinese/French/German/Irish/Italian/Spanish)	DT518	48
Law	DT532	50
Leisure Management	DT411H	52
Music	DT501	54
Music Education	DT528	56
Photography	DT559	58
Print Media Technology & Management	DT596	60
Product Design	DT001	62
Social Care	DT571	64
Tourism Management	DT406A	66
Tourism Marketing	DT412	68
Visual Art (Sherkin Island)	DT589	70

## ORDINARY DEGREES - LEVEL 7

Baking & Pastry Arts Management	DT418	72
Hospitality Management	DT408	74
Leisure Management	DT411	76
Tourism Management	DT406	78
Visual Merchandising & Display	DT598	80

## HIGHER CERTIFICATES - LEVEL 6

Culinary Arts (Professional Culinary Practice)	DT432	82
Food Sales & Culinary Practice	DT404	84

## OTHER

Access Foundation Programme	DT6522	86
Hospitality Management	DT8409	88



# BAINISTÍOCHT EALAÍON NA BÁICÉIREACHTA & NA TAOSRÁNAÍOCHTA BAKING & PASTRY ARTS MANAGEMENT

BSc Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

DIT Level 7 BSc in Baking & Pastry Arts Management DT418 or equivalent

## What is... Baking & Pastry Arts Management?

This is a one year programme leading to an honours degree (Level 8) offered over two semesters. It is designed to provide graduates of the ordinary degree (Level 7) in Baking and Pastry Arts Management (or equivalent National/International qualification) with the opportunity of a specialised honours (Level 8) qualification.

This programme develops comprehensive education and training methods resulting in the individual learner becoming a professional in Baking and Pastry Arts Management at honours degree level. Recognition of Prior Learning (RPL) is a key aspect of this programme and we welcome applications from individuals with strong industry experience in bakery.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

## Learning Outcomes:

## What will I Study?

Students will develop comprehensive and advanced knowledge aimed at enhancing their skills as entrepreneurs, artisans, managers or future focused bakery innovators. This course aims to empower students with a distinctive set of bakery skills alongside culinary business development knowledge. As part of the programme students will develop specialised insights regarding food regulatory affairs (packaging, labelling and safety legislation) in addition to advanced bakery business/market insights. This will empower individuals to engage better with consumers and utilise evolving bakery market demands for commercial benefit. As part of this programme students will also be designing innovative mock-up/prototype bakery products and responding to virtual business/new business project briefs. Learners will also be presented with new and exciting innovative ingredients whilst enhancing their knowledge regarding safety of allergens in the bakery industry and its related products.

In addition to the above, students will develop sugar craft skills and fine piping techniques in addition to chocolate work presentation/techniques alongside commercial baking procedures and methods. To complement their business and market knowledge, students will be encouraged to develop their professional and academic skills also. Learners will be empowered to enhance their research skills as professional academic practitioners and undertake professional research on their chosen subject under an academic supervisor. It is envisioned that students will become empowered as future bakery /culinary ambassadors as a result of the specialised knowledge gained from this exciting programme.

## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4340

01 402 4344 (School Office)



01 402 4497

[scaft@dit.ie](mailto:scaft@dit.ie)

COURSE CODE:  
**DT8418**

COURSE LENGTH:  
**1 YEAR**

APPROX:  
**16**

LOCATION:  
**CATHAL BRUGHA ST**

POINTS 2017  
**ADVANCED ENTRY**

## Module Listing

### Year One

Commercial Baking/Chocolate Work • Dissertation Research  
• Food Product Development • Sugar Craft Principles  
& Techniques • Functional Foods & Food Allergens •  
International Food Law • Management Skills & Leadership •  
Research Methods

## What are my... Career Opportunities?

Typical opportunities include; enhanced or specialised artisan baking with opportunities for travel/niche self-employment. Roles in high-end wedding cake/event cake design, product development roles or bakery production management. Other possible roles include technical bakery support/bakery sales positions/consultancy roles/bakery food reviewer or food critic. Opportunities also exist with graduate programmes with world-class bakery companies. Previous graduates of the bakery faculty have won Industry graduate programme scholarships with world leading bakery companies and are sought after internationally.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students have an opportunity to progress onto DIT's MSc in Culinary Innovation and Food Product Development.



## You might also be INTERESTED IN:

- ♦ Culinary Arts - DT407 [Pg 16](#)
- ♦ Culinary Entrepreneurship - DT416 [Pg 18](#)

# BAINISTEOIREACHT & FIONTRAÍOCHT BEÁIR & DEOCHANNA BAR & BEVERAGE MANAGEMENT & ENTREPRENEURSHIP

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS
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## What is... Bar & Beverage Management & Entrepreneurship?

The fact that the licensed industry has remained so popular is a tribute to the quality of the product. Consumers today expect an integrated social experience in a safe modern environment, which offers the latest products and services in a professional and engaging fashion. It is in this context that the BSc (Honours) Degree in Bar Management & Entrepreneurship programme enables students to develop a deeper understanding of bar and beverage management for the licensed and hospitality industries.

### Learning Outcomes:

## What will I Study?

The programme acknowledges the important link between traditional, technological, social and future business requirements of the bar and beverage industries. The major individual subjects includes bar and food management, wine studies, business and marketing studies, legal and language studies, information and consumer studies, cocktail making, customer care, quality control, financial management, hygiene and safety, research methods, property asset management, business enterprise and entrepreneurship studies. These subjects are essential for preparing students for their future roles in the modern bar and beverage operation and are critical for preparing them to manage licensed trade businesses in the information age.

Options and electives assist students in exploring more fully areas of specific interest and to develop a knowledge-based practice in order to provide a competitive edge in modern enterprise. Internship studies provides students with the opportunity to experience the practicalities of a work situation in Ireland or abroad to test concepts and ideas acquired in the classroom, training bars, restaurants and college library. The collaboration with industry ensures that these locations are carefully chosen for the quality of the mentoring available rather than the size or status of the establishment.



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4300 (Mr. James McCauley - Programme Chair)



[James.McCauley@dit.ie](mailto:James.McCauley@dit.ie)



01 402 4344 (School Office)



[scaft@dit.ie](mailto:scaft@dit.ie)



COURSE CODE:

**DT417**

COURSE LENGTH:

**4 YEARS**

APPROX:

**34 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**280**

## Module Listing

### Year One

Bar & Beverage Operations Studies • Communications • Culinary Science: Food Science • Management Principles • Languages (choice) Or non-language options • Food & Beverage Studies • Catering Systems & Administration • Wine Studies • Food Production and Presentation (Cookery) • Cocktail Making • Food & Beverage Service (Restaurant)

### Year Two

International Beers & Draught Dispense Management • Introduction to Marketing • Spirits & Liqueurs • Culinary Information Systems • Language (choice) Or non-language options • Information Technology • Introduction Accounting for Hospitality Businesses • International Legal Studies • Bar & Beverage Management Studies • Human Resources Management • Advanced Cocktail Making Studies • Food Services Management

### Year Three

Consumer Behaviour & Sociology • Financial & Cost Accounting • Research Methods • Hospitality Law • Advanced Wine Studies • International Internship (Industry Placement) • Food Entrepreneurship

### Year Four

Financial Management • Property Management • Strategic Human Resources Management • Occupational Health & Safety • Project Management & Entrepreneurship • Managing Training & Development • Hospitality Quality Services Management • Alcohol Studies-Responsible Use, Sales & Service

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

This programme recognises the diversity of opportunities available to the graduate. Career opportunities include: Bar Management in pubs, restaurants and hotels, Bar Ownership, Wine and Spirits Retailing, Off-License Operations, Club Management (private and public). In addition there are opportunities for graduates in consultancy, research and postgraduate education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education. The DIT MSc in Hospitality Management may be of particular interest.

## Are there study abroad options?

Yes, for our undergraduates national and international internship (work placements) opportunities are available, and for our graduates full-time positions in the bar, hospitality and retail industries are offered through our extensive global industry partners.

## What our Students say!

- This programme is ideal for anyone wishing to enter a career in the bar and hospitality industry.
- Our lecturers are genuinely interested in offering us balanced academic and industry related studies.
- Access to National and international field trips, guest lessons from some of the biggest people in the business and regular scholarships and cocktail competitions which have all helped me to craft my profession are also offered on this programme.

## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Culinary Entrepreneurship - DT416 **Pg 18**
- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Food Sales & Culinary Practice - DT404 **Pg 84**

# NUACHEOL TRÁCHTÁLA

## COMMERCIAL MODERN MUSIC

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	
6	2H5's	All applicants must attend an assessment/audition to establish their playing standard and eligibility for the course. Assessments will not commence until after the CAO deadline 1st February, 2018. After the CAO closing date, we will contact all those who have applied and call them for assessment/audition. We will be running our assessments up until at least April.

## What is... Commercial Modern Music?

The BA (Hons) in Commercial Modern Music is a 4 year programme which has been designed specifically for guitarists, bass players, drummers, vocalists, songwriters, and those running commercial music projects who want to gain a Level 8 qualification in modern music, while at the same time fulfilling their creative and commercial potential. The programme encourages musicians to hone live performance skills whilst simultaneously developing career goals focusing on the individual's aspirations (which may include, but not be limited to, being a professional performer, professional songwriter/producer, music manager/publisher, academic researcher/teacher).

**Streams:** Drums, Bass, Guitar, Vocals, Songwriting.

### Learning Outcomes:

## What will I Study?

The course includes a mixture of classroom study, live performance and specialist workshops, which take place in BIMM's purpose-built studios and classrooms. Not only is there a strong focus on instrument specific and songwriting techniques - and their associated live performance skills - but also a focus on the development of a student's ability to critically analyse modern music in cultural, economic and societal settings. The acquisition of an understanding of the elements, which underpin modern music and its influence in today's world is strongly encouraged and supported, equipping individuals with the knowledge and confidence to research, explore, shape and practically apply a multitude of artistic, business and academic approaches within the modern music industry and beyond.

Located in the city centre, the college is equipped with a choice of vintage and state-of-the-art musical equipment. The programme is delivered by highly skilled tutors, including musically and academically active professionals, all of whom have an array of touring, performing and session experience and a background in the professional music industry. In addition to practical and academic lessons, course delivery is supported by BIMM Dublin's comprehensive tutorial system that enables every musician to benefit from widespread access to music industry professionals for expert help and advice. There are also many extra-curricular activities including rehearsing, recording and performing in public and guest Masterclasses and other music industry personnel.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and AUDITION for minimum entry.
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## What our Students say!

- **Stephen D'Arcy – BIMM Dublin Graduate:** I really enjoyed my time at BIMM. Having tutors who are actively working in the music industry was a massive help to both my studies and my own personal career as a musician. During my time at BIMM I organised several release campaigns for my band, had a number one single in the iTunes Rock charts, recorded on the BIMM album and attended many industry panels/showcases organised by the college. Since graduating, I have been writing for music blogs, gigging/recording with my bands and now I'm organising events with some top names in the Industry such as Mark Lanegan and Gerry Leonard.

## Further Information

[www.dit.ie/dt506](http://www.dit.ie/dt506)

COURSE CODE:

**DT506**

COURSE LENGTH:

**4 YEARS**

APPROX:

**150 PLACES**

LOCATION:

**FRANCIS ST**

POINTS 2017

**660**

(includes audition score)

## Module Listing

### Year One

**Instrumental:** Styles • Techniques • Music Business & Study Skills • Artist Development & Entrepreneurship • Live Performance Workshop • Music Theory & Keyboard Skills

**Songwriting:** Song writing Techniques • Styles Analysis • Live Arrangement Workshop • Music Theory & Keyboard Skills • Music Business & Study Skills • Artist Development & Entrepreneurship

### Year Two

**Instrumental:** Styles • Techniques • Applied Music Business & Study Skills • Essential Development Skills • Performativity & Live Music • Applied Music Theory, Transcription & Keyboard Skills

**Songwriting:** Songwriting Techniques • Arrangement Analysis • Live Performance Workshop (SW) • Applied Music Business & Study Skills • Essential Development Skills • Applied Music Theory, Transcription & Keyboard Skills

### Year Three

**Instrumental - Core Modules:** Cultural Perspectives • Advanced Music Theory & Arrangement • Research Methods  
**Professional Musicianship Options:** Performance in Context • Digital Marketing in the Music Business • Studio Musicianship • Studio Recording • The Songwriter/Producer • Music Publishing

**Songwriting - Core Modules:** Cultural Perspectives • Advanced Music Theory & Arrangement • Research Methods • Music Publishing

**The Songwriter/Producer Options:** Performance in Context • Digital Marketing in the Music Business • Studio Musicianship • Studio Recording

### Year Four

**Instrumental - CORE Pathway A:** Professional Project Major • Analytical Perspectives  
**CORE Pathway B:** Analytical Perspectives Major • Professional Project Minor  
**Options:** Commercial Songwriting • Solo Performance • Ensemble Performance • Music Business Studies • Music Teaching Practice • Professional Development • Composition & Analysis  
**Songwriting - CORE Pathway A:** Professional Project Major • Analytical Perspectives Minor • Commercial Songwriting  
**CORE Pathway B:** Analytical Perspectives Major • Professional Project Minor • Commercial Songwriting  
**Options:** Solo Performance • Ensemble Performance • Music Business Studies • Music Teaching Practice • Professional Development • Composition & Analysis

## What are my... Career Opportunities?

At BIMM Dublin 90% of our first group of graduates (2015) were employed within 6 months of graduation. 75% of graduates are working specifically in the music industry within artist management, record labels, music publishing and live music production. Many graduates have also gone on to pursue postgraduate studies in fields such as performance, music research, composition and teaching.

BIMM students have scored an unprecedented thirty UK Top 40 singles and Top 20 albums including The Kooks (who have sold over 2 million albums), Beth Rowley and Kate Walsh.

BIMM Brighton student Tom Odell's debut album 'Long Way Down' reached No. 1 in the UK Charts. In 2013, and he was nominated for two Brit Awards for and won 'Songwriter of the Year' at the Ivor Novello Awards in 2014.

BIMM Brighton guitar student James Bay won the 2015 BRIT's Critics' Choice award. Enjoying chart success and sell-out tours, James' single 'Hold back the river' reached number 2 and his album reached number 1 in the UK charts.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Through the DIT Erasmus programme there are opportunities for studying within Europe.

## You might also be INTERESTED IN:

- ♦ Music - DT501 Pg 54
- ♦ Music Education - DT528 Pg 56
- ♦ Drama - DT529 Pg 24



# CULTÚR FÍSIÚIL COMHAIMSEARHA

## CONTEMPORARY VISUAL CULTURE

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English
6	2H5's		H4

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD      FIVE DISTINCTIONS

## What is...Contemporary Visual Culture?

Students learn about the production and mediation of visual culture across the fields of art, design, film, photography, exhibition and digital and print media today. The programme brings the past and present together to understand how visual culture functions in today's world. There are modules on theories of visual culture, histories of art and design, site visits and work placements, as well as lectures from visiting practitioners who document, mediate and promote visual culture today.

## What our Students say!

- Contemporary approach to cultural studies and the study of the visual in every form, the BA in Contemporary Visual Culture is a collaboration of theory based learning, discussion, cultural critique and group learning. You learn critical skills, visual history and its modern importance.
- My favourite part of the programme is the diversity between modules, ranging from Typography to Philosophy.
- Learn the importance and relevance of images and visual culture in everyday life; how to think and analyze critically, engaging with contemporary art and visual culture. I have gained an appreciation for art, exhibitions, museums and visual culture generally.
- You study philosophy, visual arts and cultural studies - it is a unique course as it is hard to get these subjects together in any other college.
- The modules help you learn new ways to think about the world and yourself in it.
- We work in groups, review and interpret readings and visual culture. I particularly like the modules in web design, aesthetics and the study of research.
- The BA in Contemporary Visual Culture is the study of visual culture, past and present and the theories surrounding the production and dissemination of visual culture. You learn how to analyze visual culture in a critical context and how to assess the role of the visual in society today.

### Learning Outcomes:

## What will I Study?

The BA Contemporary Visual Culture is centred on academic excellence in research practice, writing and presentation skills. With a blend of individual and group learning, written assignments and presentation work, you will apply your research to the contemporary industries of visual culture: from art galleries, design companies and museums to publishing and media outlets.

### You learn about:

- ♦ key trends and debates in recent cultural history
- ♦ recent histories of art and design
- ♦ the main philosophical and sociological theories underpinning contemporary visual culture including: aesthetics, postcolonial theory, strategies of protest, theories of vision and spectacle, methods of history-making through material culture
- ♦ research practices including the use of archival, primary, and secondary sources
- ♦ critical methods of analysis
- ♦ the relationship between research and industries of visual culture

### and how to:

- ♦ research and critique visual culture through the application of professional-standard writing and editorial skills
- ♦ utilize and develop multi-media presentation and documentation systems, including visual, print and web technologies
- ♦ apply research on visual culture to current industry contexts
- ♦ work independently to initiate and undertake in-depth research on visual culture relevant to contemporary society
- ♦ collaborate on team projects to organize and curate publications and events on visual culture

*The BA Visual and Critical Studies is an innovative and academically strong interdisciplinary programme with outstanding connections to cultural institutions in the city. The teaching staff is committed, highly competent, and knowledgeable in their fields of expertise. Graduates demonstrate an advanced ability to formulate independent ideas and to analyse problems critically.*

Professor Christoph Lindner, University of Amsterdam.

## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

Dublin School of Creative Arts



01 402 4138 (School Office)  
[creativearts@dit.ie](mailto:creativearts@dit.ie)



<http://bavacs.blogspot.ie/>

## Module Listing

### Year One

Search & Research • Whose History? • Introduction to Philosophy & Aesthetics • Technologies of Today: Web Design • After Nationhood • Vision & Spectacle • What is Study?

### Year Two

Resistance: Cultures of Protest • Fractured Worlds • Collaborative Learning: Work Placement Module • Body Culture: The Visualized Self Today • Ethics, Polemics Archive Studies • What is the Topic?

### Year Three

Talking Points: Public Seminars • Thesis Preparation • Written Thesis Project • Art & Society • Exhibiting Memory: Cultures of Monuments & Museums • Ireland, Film & Documentary • Narrative in Visual Culture • Play & Games • Post Modern Aesthetics: Deconstructing Derrida • Psychology of Space, City Mapping • Typography, Culture & Society • Virtual Environments

## What are my... Career Opportunities?

Graduates will be able to work in visual culture industries, in sectors promoting and mediating visual culture. These roles include researchers, audience advocates, exhibition planners, project archivists, cultural policy advisors, research developers, and cultural journalists: critics, writers and broadcasters for publications and popular media on visual culture.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates who achieve the appropriate honours standard may have access to a range of taught Masters, MPhil and PhD degrees by research in DIT or elsewhere in Ireland and abroad.

## Are there study abroad options?

Yes, in the second year on the Contemporary Visual Culture programme students may study with an international Erasmus partner.



## You might also be INTERESTED IN:

- ♦ Fine Art - DT546 **Pg 34**
- ♦ Creative & Cultural Industries - DT597 **Pg 14**

# TIONSAIL CHRUTHAITHEACHA & CHULTÚRTHA CREATIVE & CULTURAL INDUSTRIES

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English
6	2H5's		H4

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD      FIVE DISTINCTIONS

## What is... Creative & Cultural Industries?

Global changes have shifted the emphasis to knowledge economies based on design and innovation. Our programme, which focuses on Creative and Cultural Industries, is designed to produce graduates who can function as creative managers in the creative and cultural industry sector both nationally and internationally.

By sharing classes with students from practice-oriented classes in art, design, music and media, learners on this programme will also, crucially, gain a practical sense of creative practitioners, and their values, motivations and culture. Graduates essentially will be able to look into, understand, and work between professionals involved in creative development and those responsible for commercialising the results.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

## Learning Outcomes:

## What will I Study?

The programme is a three-year modularised programme. It is an interdisciplinary programme consisting of existing modules drawn from across the College of Arts and Tourism and from the School of Marketing within the College of Business.

In Year 1, students will take a series of core modules and will be allowed to take one module from each of the following four areas: (i) Art and Design, (ii) Music and Drama, (iii) Media, (iv) Languages.

In Year 2, students will develop a more critical approach to the theory of cultural industries and continue to develop their skills in the practical area of managing a cultural enterprise. Students will also take modules from Art and Design, Music and Drama, Media and one module from either Languages or one of the above areas.

In Year 3, the emphasis in the first semester will be on developing the students' knowledge and skills in managing the complex relationship that all cultural enterprises have with the state, mass media, general public and funding agencies. Students will also take advanced modules offered by Art, Design, Media, Language and Music. In Semester 2 students will have a choice of completing a practical industry project through Real World Learning or writing a dissertation on a topic in the area of creative and cultural industries.

## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts



01 402 4141 (Kieran Corcoran)



kieran.corcoran@dit.ie



01 402 4297



COURSE CODE:

**DT597**

COURSE LENGTH:

**3 YEARS**

APPROX:

**20 PLACES**

LOCATION:

**GRANGEGORMAN  
AUNGIER ST  
RATHMINES RD**

POINTS 2017

**306**

## Module Listing

### Year One

**Core Modules:** Cultural Debates & Everyday Life in Ireland • Cultural Industries • Management & Business Organisation • Core Legal Skills • Ireland: Politics, Society & Economics • Basic Accounting. **4 modules from the following list of areas:** Art & Design • Music & Drama • Media • Languages

### Year Two

**Core Modules:** Cultural Industries • Marketing • Employment Law • Project Management • Introduction to PR Skills. **4 modules from the following list of areas:** Art & Design • Music & Drama • Media • Languages

### Year Three

**Core Modules:** Cultural Funding/Sponsorship • Intellectual Property • Media Law • Human Resources Management • Communications • Media Policy • Cultural Project and Real World Learning OR • Thesis Preparation and Dissertation. **3 modules from the following list of areas:** Design Now: 3D • Graphic Design Now • Fine Art: Post Modernism • Intro to Intercultural Studies • European Myth in Literature and Culture • Transnational Cinema • Entrepreneurship • Studies in World Music Culture

## What are my... Career Opportunities?

Employment in creative management in arts and media, artists and repertory (A&R), advertising, publishing, design, agent work, criticism, media production, festival management etc. concert promoter, cinema manager.

Further study in Law, Journalism, Creative Digital Media, Advertising, Art, Design, Arts Administration, Public Relations, Business and Marketing etc.

An international dimension is promoted by the provision, throughout the three years of the programme, of courses in major world languages and related intercultural studies and communication.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate honours standards may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- ♦ Contemporary Visual Culture - DT533 **Pg 12**

# EALAÍONA CÓCAIREACHTA

## CULINARY ARTS

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS
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## What is...Culinary Arts?

This is a unique programme which reflects developments in Culinary Arts education world-wide. It combines practical reflective classes in kitchens and restaurants with an in-depth theoretical knowledge-base and the development of communication, critical thinking, problem solving and personal skills in the participants. This degree programme reflects the strong partnership between education, the individual student and the hospitality and food industries.

### Learning Outcomes:

## What will I Study?

Among the features of the programme is the availability of study options reflecting the diversity of career opportunities available to graduates. Students are required to complete supervised professional internships (work placement) in industry as part of the programme.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4344 (School Office)



[scaft@dit.ie](mailto:scaft@dit.ie)

## Module Listing

### Year One

Gastronomy • Food & Life Sciences • Culinary Arts  
Performance • Gastronomic Art & Design • Information  
Technology • Internship & Language

### Year Two

Gastronomy • Gastronomic Art & Design • Culinary Arts/Food  
& Beverage Performance • Food & Life Sciences • Language  
• Culinary Operations Management • IT • Culinary Arts &  
Professional Internship

### Year Three

Gastronomy • Culinary Arts Immersion • Financial &  
Cost Accountancy • Research Methods • Food Product  
Development • Professional Internship • Language • Options

### Year Four

Gastronomy • Culinary Arts Production • Culinary Arts Major  
• Food Product Development • Food Entrepreneurship •  
Dissertation • Options

## What are my... Career Opportunities?

This programme provides the qualifications, knowledge and skills required to be successful in a variety of career opportunities. The programme recognises the diversity of Culinary Arts in the Hospitality and Food Service Industries and career paths open to graduates include: Culinary Arts/Restaurant Management, Chefs, Entrepreneurs (owners & managers, consultancy), Media, Teaching, Education, Research, Food Writing, Food Product Development and Wine Promotion.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education. The MSc in Culinary Innovation and Food Product Development may be of particular interest.



## You might also be INTERESTED IN:

- Culinary Entrepreneurship - DT416 **Pg 18**
- Bar & Beverage Management & Entrepreneurship - DT417 **Pg 8**
- Baking & Pastry Arts Management - DT418 **Pg 72**
- Culinary Arts (Professional Culinary Practice) - DT432 **Pg 82**
- Culinary Science - DT405 **Pg 20**
- Food Sales & Culinary Practice DT404 **Pg 84**



# FIONTRAÍOCHT CÓCAIREACHTA

## CULINARY ENTREPRENEURSHIP

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS
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## What is... Culinary Entrepreneurship?

The BSc (Honours) in Culinary Entrepreneurship provides you with the knowledge and practical skills necessary to operate your own culinary business reflecting the development and professional practice of food and beverage industries world-wide. The programme builds on the strong links between food, wine, culinary practice and business, equipping students with the skills to become managers in the food and beverage industry as well as business owners in their own right.

### Learning Outcomes:

## What will I Study?

The first two years of the programme provide students with practical skills in kitchens, restaurants and bar operations including a supervised professional internship (work placement) and develops in-depth theoretical, academic knowledge and understanding of the food related industries. The kitchen skills focus on Artisan cookery. An Artisan is a highly skilled specialised individual who uses knowledge and skill to create a unique food entrepreneurial product. Examples include breads of specialist grain, raw milk cheese, dried & fresh pasta, chutneys & preserves, confectionery, charcuterie, food products fit for sale or distribution to credible artisan and delicatessen retail outlets and farmers' markets.

The programme has six Artisan modules which have been designed to equip the food enthusiast with the knowledge and skills to develop their own food product. Artisan food modules begin with an understanding of how to cook, progressing to the production and development of a range of Artisan food products and then progress to other Artisan food modules. Further Artisan food modules include cake making and an introduction to bread making and continues with chocolate making, sugar craft and finally deals with speciality meats, all of which extend the learner's knowledge to the production of a unique specialised product and which ends with a viable business plan which will be tested at farmers' markets with a view to setting up their own business.

In year three, students have the option of national or international internship (work placement) reflecting the diversity of the culinary entrepreneurship programme and our strong industry links to develop the participant's professional skills. Years three and four focus on the everyday needs of a dynamic culinary entrepreneur.



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology

01 402 4340  
01 402 4344

01 402 4497  
scaft@dit.ie



## Module Listing

### Year One

Management Principles • International Bar Service & Commodities • Culinary Science: Food Safety • Culinary Information Systems • Food & Beverage Studies • Communications • Artisan Food (Professional Kitchen Foundation Skills) • Artisan Food (Delicatessen Kitchen) • Introduction to Marketing • Introductory Nutrition • Wine Studies.

#### Semester 1 - One Option Module from the following list:

Language Choice: Italian Conversation • Spanish Conversation • French Conversation • French Culinary Menu & Wine Terminology (non-language option)

### Year Two

Artisan Food (Bread Making & Market Cakes) • Artisan (Chocolate work & Petit Fours) • Food & Beverage Management • Human Resource Management • Introduction to Accounting • Wine Studies • Nutrition (Diet Health & Disease) • Food & Beverage Service • International Legal Studies • National Internship.

Option Modules subject to availability and demand: Language selected in semester 2 continued: • Italian Conversation • Spanish Conversation • French Conversation • Meat Processing Theory.

### Year Three

Consumer Behaviour & Sociology • Financial & Cost Accounting • Food Product Development • International Food Law • Artisan Food (Cake Design & Sugar Craft) • Research Methods • Industry Placement

### Year Four

Project Management & Entrepreneurship • Hospitality Quality Services Management • Artisan Food (Speciality Meats & Food Retail Management) • Advanced Wine Studies • Food Product Development • Managing Training & Development for Hospitality • Dissertation Research • Financial Management

## What are my... Career Opportunities?

There are diverse opportunities available including: culinary event management in restaurants, hotels, hospitality organisations, food and beverage management or food related retail businesses. There are entrepreneurial opportunities for ownership of a variety of culinary and food based operations. In addition there are opportunities for graduates in consultancy, research, postgraduate education and lecturing in the extensive field of food and beverage related programmes following suitable experience.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education. The MSc in Culinary Innovation and Food Product Development may be of particular interest.

## Are there study abroad options?

This programme offers the learner international work experience opportunities.

## What our Students say!

- “I found the course very interesting with a good balance of subjects. To date I have enjoyed the course as it provides a healthy mix of management classes, food and beverage based classes and some practical work as well. All the lecturers are very helpful and I would have no problem recommending this course to any person thinking of a career in the hospitality/restaurant sector.”
- “The BSc Degree in Culinary Entrepreneurship was the perfect course for me. It offered me a broad and comprehensive grounding in both practice and theory and gave me all the tools I needed to open my own culinary business upon graduation. The course also provides excellent internship opportunities and ongoing support from lecturers who are dedicated and passionate about their subjects. Not a single regret.”

## You might also be INTERESTED IN:

- Culinary Arts - DT407 **Pg 16**
- Bar & Beverage Management & Entrepreneurship - DT417 **Pg 8**
- Baking & Pastry Arts Management - DT418 **Pg 72**
- Culinary Arts (Professional Culinary Practice) - DT432 **Pg 82**
- Culinary Science - DT405 **Pg 20**
- Food Sales & Culinary Practice - DT404 **Pg 84**

# EOLAÍOCHT NA CÓCAIREACHTA CULINARY SCIENCE

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

## Other Requirements

At least 04/H7 in one of: Physics, Chemistry, Physics and Chemistry or Biology, Applied Mathematics, Home Economics or Agricultural Science.

## What is... Culinary Science?

This programme is a joint degree offered by the School of Culinary Arts and Food Technology and the School of Food Science and Environmental Health. The BSc (Honours) in Culinary Science is a four year full-time programme. The programme provides graduates with the knowledge and practical skills necessary to operate as a development or concept chef for food companies engaged in food product development. The programme builds on the strong links between; food and culinary industries providing students with the opportunity to work in dynamic food industries through our internship programme. Graduates of the programme will also have opportunities to work in the culinary industry as chefs, in food research and development, and food business managers.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

## Learning Outcomes:

## What will I Study?

The first two years of the programme provide students with practical skills in kitchens and food science and nutrition in our labs. The programme encourages the development of in-depth theoretical, academic knowledge and understanding of the food science and culinary arts. The kitchen skills focus on professional cookery whereas the science focuses towards food research and experimentation. A Development Chef is a highly skilled specialised individual who uses culinary skills and scientific knowledge to create unique food products.

The programme has practical hot kitchen, pastry and food science modules which have been designed to equip the food student with the knowledge and skills necessary to gain employment in the culinary or food science industries. The programme begins with modules in professional cookery – developing an understanding of how to cook and progressing to the production and development of a range of dishes and processes that are underpinned by food science and business modules.

In year three, students have the option of national or international internship (work placement) in food science and culinary arts reflecting the diversity of this BSc (Hons) in Culinary Science. Both schools have strong industry links to develop the participants' professional and scientific skills. Years three and four focus on the everyday needs of a dynamic concept/development chef. Graduates of the programme will gain:

- ♦ Skills and knowledge in the sciences and culinary arts which are fundamental to the development of novel foods and drinks.
- ♦ Business and entrepreneurship skills and knowledge so they can be innovative and to aid them in setting up a food business.
- ♦ The ability to appropriately judge in a number of complex planning, design, technical and/or management functions related to food products, processes and services including resources.
- ♦ During a six month internship learn to act in variable and unfamiliar learning contexts; learn to manage learning tasks independently, professionally and ethically.
- ♦ Advanced skills to conduct an undergraduate thesis, demonstrate decision making and use creative skills.
- ♦ The specialised skills and knowledge which will allow entry into a career in the food industry as Development Chefs, Food Product Developer, or related discipline.

## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology

01 402 4346 (Dr Roisin Burke, Programme Chair)  
01 402 4344 (School Office)

✉ [roisin.burke@dit.ie](mailto:roisin.burke@dit.ie)  
✉ [scaft@dit.ie](mailto:scaft@dit.ie)

COURSE CODE:

**DT405**

COURSE LENGTH:

**4 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**340**

## Module Listing (Indicative Content Only)

### Year One

Chemical Applications • Culinary Science & Food Technology  
 • Food Safety • Kitchen & Larder • Laboratory Techniques &  
 Computer Applications • Introductory Nutrition • Chemical  
 Applications • Pastry • Applied Food Industry Communication  
 • Maths for Scientists • Fundamentals of Business  
 Management & Marketing

### Year Two

Culinary Science & Food Technology • Pastry • Culinary  
 Health Choices • Diet, Health & Disease • Introduction to  
 Business Finance • Fundamental Molecular Gastronomy •  
 Food Ingredients & Consumer Foods • Basic Food Microbiology  
 • Food Marketing • Fundamental Sensory Evaluation •  
 Gastronomy • Financial & Cost Accounting

### Year Three

Food Physics • Concept Innovation & Product Design •  
 Food Process Technology • Intermediate Microbiology •  
 Introductory Food Science & Analysis • Research Methodology  
 • Internship/Industrial Placement

### Year Four

Intermediate Molecular Gastronomy • Lifecycle Nutrition •  
 Food Regulatory Affairs • Food Entrepreneurship • Project/  
 Dissertation • Internship/Industrial Placement

Options available are listed in detail in the module catalogue  
 that is managed separately on the website - [www.dit.ie/catalogue](http://www.dit.ie/catalogue)

## What are my... Career Opportunities?

Major food companies are investing heavily in innovative approaches to develop novel high quality foods and need Culinary Science graduates. Currently many food businesses employ both chefs and scientists but a graduate that has skills and knowledge of both disciplines would readily gain employment as a Development Chef or Food Product Developer. The Food Industry needs to satisfy the demands of consumers requiring value added, high quality tasty and enjoyable food products. The BSc (Hons) in Culinary Science will produce graduates who will be able to satisfy the demands of Government policy, the Food Industry and Society. Graduates of the programme will have developed the knowledge and skills necessary to operate in the wider food industries or operate their own food business.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to The MSc in Culinary Innovation and Food Product Development where graduates are highly sought after. The MSc in Food Safety Management is an attractive programme for food safety and regulatory professionals. The MSc in Environmental Health and Safety is among the most highly regarded in Ireland and attracts a wide range of industry professionals. These programmes can be accessed on a part time or full time basis.

In addition both Schools offer PhD research opportunities for high achieving graduates.

## Are there study abroad options?

This programme offers the learner international work experience and study exchange opportunity in year three.

## You might also be INTERESTED IN:

- ♦ Culinary Arts - DT407 **Pg 16**
- ♦ Food Innovation - DT421 **Pg 216**
- ♦ Nutraceuticals in Health & Nutrition - DT420 **Pg 228**
- ♦ Culinary Entrepreneurship - DT416 **Pg 18**

# DEARADH (CUMARSÁID AMHAIRC)

## DESIGN (VISUAL COMMUNICATION)

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	Applicants must submit a portfolio on March 5th or 6th 2018 Collection date for portfolios is March 9th 2018
6	2H5's	

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and PORTFOLIO for minimum entry.
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## What is... Visual Communication?

Breathing life into images, text and concepts, turning them on their head and communicating them in a fresh way to a wide audience is the work of the BA Design - Visual Communication graduate.

### Learning Outcomes:

## What will I Study?

This four year honours degree programme is aimed at people who wish to become graphic designers, illustrators, typographers, and digital media designers. Through examining how image and text work together, you will learn how to design and visually communicate through print and digital media. The programme is principally studio based where you will work on a wide variety of projects that explore typography, image-making (illustration and photography) and digital media. Supporting the practice based studio work; critical theory introduces students to design practice and key issues in the history and theory of design.



## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts



01 402 4138 (Secretary)  
01 402 4297



[creativearts@dit.ie](mailto:creativearts@dit.ie)



COURSE CODE:

**DT545**

COURSE LENGTH:

**4 YEARS**

APPROX:

**38 PLACES**

LOCATION:

**GRANGEGORMAN**

POINTS 2017

**752**

(includes portfolio score)

## Module Listing

### Year One

**Studio Practice:** Visual Exploration & Design Process • What is Design? (Professional Practice) • Drawing • Design Applications

**Critical Theory:** Introduction to Design • Design and Contemporary Society

### Year Two

**Studio Practice:** Design for Print Media • Design for Digital Media • Image-Making • Design & Career Management (Professional Practice) • Drawing • Design Applications

**Critical Theory:** Modernism in Design.

Students can also take a number of optional modules from Fine Art and Interior & Furniture Design.

### Year Three

**Studio Practice:** Design for Print Media • Design for Digital Media • Image-making • Professional Practice.

**Critical Theory:** After Modernism • Thesis Preparation.

Students can also take a number of optional modules from Fine Art and Interior and Furniture Design.

### Year Four

**Studio Practice:** Visual Communication • Professional Practice.

**Critical Theory:** Thesis

## What are my... Career Opportunities?

Graduates of the BA in Design – Visual Communication work in design consultancies, advertising agencies, publishing, media groups and in private practice.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

There is a comprehensive Erasmus programme connecting with over 15 European schools of design.

## Portfolio Clinics

There will be Portfolio Clinics on Thursday 23rd of November 2017 and then again on Thursday 8th of February 2018. For more details please consult the website.



## You might also be INTERESTED IN:

- ♦ Interior Design - DT544 **Pg 22**
- ♦ Visual Merchandising & Display - DT598 **Pg 80**

# DRÁMAÍOCHT (LÉIRIÚ)

## DRAMA (PERFORMANCE)

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's		06/H7	Applicants must attend an audition/interview in March/April 2018.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and AUDITION for minimum entry.
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## What is... Drama?

The BA in Drama (Performance) is a three-year, full-time programme in practical drama training and education. DIT Conservatory has over 20 years experience in drama training and is one of the leading drama providers in Ireland. DIT Drama graduates have had national and international success as actors, directors, drama facilitators, and drama researchers.

### Learning Outcomes:

## What will I Study?

You will study fundamental acting techniques, voice and language in performance (including Shakespeare), and performance in a variety of cultural, historical and aesthetic contexts.

You will also develop your body through movement, singing dance and combat. You will learn how to use drama in social and educational contexts through performance and running workshops and you will learn how to analyse and write about a wide range of drama and performance.

Over the three years, there are two small-scale productions and a large-scale graduating production. While practical performance is at the core of the programme, you will be required to undertake substantial academic research and analysis as well.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What our Students say!

- Aoife Courtney** "My education from the Conservatory of Music and drama made me a confident, well rounded, theatre-artist. Since my graduation I have worked as an actor, dancer, theatre director and most recently a choreographer.  
DIT taught me how to research and take responsibility for my own art making. Since graduating I have had several grants to travel abroad to study in Seattle, Massachusetts, New York and recently attend a European conference on the performing arts in Copenhagen.  
Some of my career highlights to date include; A year long mentorship by Fishamble Theatre Company as an emerging director. Staging my first group choreography, Flock, in Castletown House, Co. Kildare. Working as a dance artist in residency with Genesis Collective, Dance House. Acting with Gavin Kostick in 'Heart of Darkness' (winner Spirit of the Fringe). Commissioning a new play, 'Jetlag Waltz', by John Grogan for my company Ready Fire Aim. Running a monthly arts night, Art Party, to showcase new music, dance and theatre talent in Dublin in the workman's club."
- Gavin Fullam** Recent Theatre includes: MACBETH for Second Age Theatre Co., 16 POSSIBLE GLIMPSES, MACBETH and CHRIST DELIVER US at the Abbey Theatre, THE FIELD for Lane Productions, ARCADIA at the Gate Theatre and WELL OF DREAMS at the Oisín Gallery.  
Film and TV work includes: SMALL TIME for Fail Safe Films, THE TAKE for Sky One, REIGN OF FIRE for Buena Vista Films and FOUNTAIN PEN OF DOOM for the Canadian Broadcasting Corporation.  
On the DIT Drama Programme; "The three years are really intensive...the course is indispensable for those looking to pursue a career in drama."

## Further Information

[www.dit.ie/conservatory](http://www.dit.ie/conservatory)

### Conservatory of Music and Drama



01 402 3471 (Jennifer Hamilton - Programme Chair)



[jennifer.hamilton@dit.ie](mailto:jennifer.hamilton@dit.ie)

COURSE CODE:

**DT529**

COURSE LENGTH:

**3 YEARS**

APPROX:

**20 PLACES**

LOCATION:

**RATHMINES RD**

POINTS 2017

**380**

(includes audition score)

## Module Listing

### Year One

Acting • Voice and Speech • Ensemble Performance •  
Movement, Singing and Dance • Drama Facilitation •  
Critical Analysis

### Year Two

Monologue and Scene Study • Shakespeare and the Acted  
Word • Irish Drama and Modern Drama • Renaissance  
Drama to Romantic Drama • Movement, Singing, Dance  
and Combat • Theatre in Education

### Year Three

Acting to Camera • Radio Drama • Contemporary Theatre  
and Drama • Movement, Singing and Combat • Drama in  
Social Contexts • Graduating Production • Thesis • Recital

### Audition

Applicants must apply through the CAO by 1 February.  
DIT will then send out an audition request form, which  
applicants must complete and return to DIT. All applicants,  
including Mature applicants and Advanced Entry applicants  
must participate in the audition.

The audition usually consists of:

- a practical group workshop
- performance of a 2-3 minute monologue from a play of  
your choice (something close to your own age range,  
experience and social context is recommended)
- a short written response to a set text

## What are my... Career Opportunities?

Graduates go on to work as actors, directors, drama facilitators and researchers. Among the many places where recent DIT Drama graduates have been employed are: The Abbey Theatre, The Gate Theatre, The Royal Shakespeare Company, RTÉ, BBC, London's West End, Buena Vista Films International, Showtime, TEAM Educational Theatre Company, Smashing Times Theatre Company and schools and healthcare centres in Ireland and abroad.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Recent DIT Drama graduates have gone on to practical Master's programmes in performance and postgraduate academic research (including PhD level) in Trinity College Dublin, UCD, UCC, University College London, The Central School of Speech and Drama, Mountview Academy of Theatre Arts and The Royal Welsh College of Music and Drama.



## You might also be INTERESTED IN:

- ♦ Music - DT501 Pg 54
- ♦ Music Education - DT528 Pg 56
- ♦ Commercial Modern Music - DT506 Pg 10

# OIDEACHAS LUATH-ÓIGE

## EARLY CHILDHOOD EDUCATION

BA Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Early Childhood Education?

The Partnership 2000 Expert Working Group on Childcare defines Early Childhood Education as follows:

...Day care facilities and services for Pre-school children and school going children out of school hours. It includes services offering care, education and socialisation opportunities for children to the benefit of children, parents, employers and the wider community.

Thus services such as Pre-schools, Naíonraí, Day-Care services, Crèches, Playgroups, Childminding and After-School groups are included, but Schools (Primary, Secondary and Special) and residential centres for children are not. (Partnership 2000 Expert Working Group Report, 1999, p. 116).

### Learning Outcomes:

## What will I Study?

The Learning Outcomes are set out in accordance with the QQI framework and developed related to Knowledge, Know-how/ Skill and Competence.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## What our Students say!

- In First Year of DIT my work experience placement was based in a private childcare setting working with pre-school children. I really enjoyed this placement but felt I would love something with a greater challenge. Third year was definitely a challenge for me in my placement in Barnardos Child and Family Centre. I learned a lot here, as it was hands-on, working with both the children and their families. I really enjoyed this placement. In second year I was on placement in the Children's University Hospital, Temple Street where I worked alongside Hospital Play Specialists providing play for sick children and young people in the playroom and on the wards. I absolutely loved this placement and I was lucky enough to get a job there.
- As a mature student with over fifteen years experience in the vocational area I gained entry to the second year of the programme as a result of the advanced entry process. Age did not prevent me from actively participating in a programme which allowed for learning from lecturers who imparted deep and vast amount of knowledge in subject areas linking theory to practice. The support and encouragement which I received from lecturers and fellow students kept me highly motivated throughout. The curriculum is extremely relevant to current policies and practices and class sizes are great. My experience was a very worthwhile one and I would recommend the programme to anyone who wishes to pursue a career in early childhood education.

## Further Information

[www.dit.ie/llss](http://www.dit.ie/llss)

School of Languages, Law & Social Sciences



01 402 4164 (School Office)



[socialsciences@dit.ie](mailto:socialsciences@dit.ie)



## Module Listing

### Year One

Psychology & Child Development • Early Education • Professional Practice in the Early Years • Child Health & Nutrition • Art in Early Education • Drama in Education • Supervised Practice Placement • Sociology & Social Policy • Research Methods in the Early Years • Skills Development

### Year Two

Child Development in Context • Mental Health during the Early Years • Inclusion in Early Years Practice • Language, Literacy & Numeracy • Aistear & Early Years Curricula • Outdoor Learning • Supervised Practice Placement • Law • Documenting Children's Learning

**Options:** Art in Early Education or Drama in Education

### Year Three

Pedagogy & Curriculum • Perspectives on Early Childhood Education: Issues in Policy, Practice & Research • Digital Childhoods • Working with Families & Communities • Child protection in Early Years Services • Introduction to Business & Management Skills in Early Years Services • Sociology of Education & Inequality • Supervised practice Placement • Research Methods & Dissertation

## What are my... Career Opportunities?

Graduates of the Early Childhood Education degree work as practitioners and as managers in an early years setting such as crèches, day nurseries, pre-schools, after-school services, special education services, early start classrooms and family centres. Graduates also work in the area of project development and in management positions in the Health Service Executive, country childcare committees and in public and voluntary organisations.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of this Level 8 programme will be eligible to progress to Masters Degrees (Level 9) in a wide range of disciplines across the Social Sciences, e.g. MA in Child, Family and Community Studies, Graduate Diploma in Education (Primary Teaching) or MA in Mentoring, Management and Leadership in the Early Years.

## Are there study abroad options?

Students are offered the opportunity to apply to do an Erasmus exchange in the 4th semester (Spring Year 2) of the programme. (These arrangements may be subject to change).



## You might also be INTERESTED IN:

- ♦ Social Care - DT571 **Pg 64**

# BAINISTÍOCHT IMEACHTAÍ

## EVENT MANAGEMENT

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### Other Requirements

A pass in any other language (including Irish) at 06/H7 or equivalent.

**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## What is... Event Management?

Event managers are needed to generate event ideas and facilitate them professionally. From a global event like the Olympics to regional food and sport weekends, public celebrations and festivals, event management has evolved into big business. This growth nationally and internationally has been driven by the increase in the number, size and sophistication of events. Ireland has a thriving events sector which hosts exciting and varied events and festivals all throughout the year.

Studying this course will give you practical and theoretical skills in all aspects of event management. The event manager oversees and arranges all aspects of the event. Students become knowledgeable in areas such as event planning and design, marketing, sponsorship, staging and health and safety.

### Learning Outcomes:

## What will I Study?

Students are equipped with knowledge, understanding and professional management skills needed to be successful in the exciting and vibrant events industry.

As well as event specific subjects such as Event Staging, Event Industry Studies and Event Risk Management, students follow a broad business course with subjects such as Management, Marketing and Finance and Law being some of the key areas studied to ensure that our graduates are well equipped to be successful in the sector.

European Languages are becoming ever-increasingly important in the world of work and therefore students also study one European language.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)



## What our Students say!

- The support given by DIT and the people involved behind it should be embraced, and given the opportunity to take a course, should be taken, given half the chance. What I took from DIT and my time spent in college was much more than a great qualification but a life changing experience of one of the most memorable times of my life.
- The course itself is extremely interesting and unlike other courses available it is largely focused practically on the event industry, not just academically. One of the modules requires 200 hours of work experience to be completed in first year. The experience gained from this part of the course is invaluable to learning about the event industry and puts you at a clear advantage over graduates from other courses that don't get to experience the extent of events that we do at DIT. Putting this course as number one on my CAO was one of the best decisions I've made and I look forward to finishing my next three years at DIT.

## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management & Tourism

☎ 01 402 4461 (Alex Gibson)

✉ [alex.gibson@dit.ie](mailto:alex.gibson@dit.ie)

☎ 01 402 4352 (Mary Dineen)

✉ [tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)

## Module Listing

### Year One

Applied Communications • Management • Computer Applications • Languages • Event Industry Studies • Event Operations • Fundamentals of Accounting • Marketing • Economics

In first year students are required to undertake 200 hours of event related experience.

### Year Two

Management Accounting - Costing & Decision Making • Database & Industry Software • Languages • Event Planning • Production & Staging • Fund Raising & Sponsorship • Human Resource Management • Conference Management • 3 Optional Modules

### Year Three

Financial Accounting • Event Health & Safety Management • Event Industry Law • Conference & Event Marketing • 2 Optional Modules

### Professional Placement

A period of professional internship in the event industry is undertaken in the 2nd semester of 3rd year, preceded by a tailored induction programme. The internship is arranged & supervised through the School of Hospitality Management & Tourism.

### Year Four

Risk Management, • Strategic Management • Project Management • Research Methods • Strategic Management Seminars • Public Relations • Management Accounting

A supervised Dissertation is undertaken by students this year.

## Internships / Work Placements

We want our graduates to be ready for the workplace upon completing their degree. Internships give students an edge when it comes to getting that job in the events sector. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these. These are unique networking opportunities to make contacts for careers in the future.

To ensure that our students hit the ground running, there are two hundred hours of work placement to complete in Year 1. Students on the programme will also undertake a six-month professional internship/placement in Year 3.

## What are my... Career Opportunities?

You will graduate with the knowledge and confidence to work in any events sector. Many of our graduates have established their own event management companies. Opportunities are also available in consultancy, research and postgraduate education. The range of transferrable skills and competencies that we teach lead to jobs in areas such as Event and Entertainment Enterprises, Conference Organisation, National and Regional Tourism Organisations, Hotels, Public Relations, Self-Employment, Project Management, Venue Management, Conventions, Sports Tourism, Community Development and Arts and Music Sectors.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standards may have access to a range of postgraduate and Master's Degrees in DIT and elsewhere at third level nationally and internationally.

## Are there study abroad options?

In the second semester of Year 2 there may be opportunities to study at partner institutions in Europe under the Erasmus + Programme. This is a great opportunity for students to experience college in destinations such as Budapest Business School; the University of Savoie, France; the University of Applied Sciences, Finland; and the FH Modul in Vienna.

Students also have the option of completing their six month internship abroad. If work placements are completed outside Ireland and within the EU, grants are available through the EU Erasmus + programme.

## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Tourism Marketing - DT412 **Pg 68**
- ♦ Leisure Management - DT411 **Pg 76**
- ♦ Tourism Management - DT406 **Pg 78**

# SCANNÁNAÍOCHT & CRAOLTÓIREACHT

## FILM & BROADCASTING

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's		H4

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Film & Broadcasting?

Film & Broadcasting is about telling stories - whether fiction or factual. It combines high standards of training in production skills to make programmes - dramas and documentaries for radio, television and cinema, with a solid academic education in media theory and contextual studies. While the core focus is on 'traditional' media, students in this programme will also study 'new' media forms, which still require all of the 'traditional' skillsets and are really about delivering stories in different formats or supporting 'traditional' story telling (e.g. a TV programme) in different ways.

### Learning Outcomes:

## What will I Study?

Our students develop original content in drama and documentary, working across diverse media formats such as photography, video, radio, television, and digital media. Using high quality facilities, students develop professional production skills that are transferrable across increasingly convergent media environments.

Modules in production are underpinned by theoretical study in the relevant fields of documentary, narrative film and broadcast forms, as well as a study of the cultural and sociological context in which the media operates.

F&B requires both passion and discipline. The best films, documentaries, and radio features, come from students who are interested in the wider world, who have an awareness of current affairs and how socio-political forces shape and respond to society, who have curiosity and openness - an eagerness to learn and to understand people, systems (of all kinds), or history. Students in this stream will widen their production skills to develop competencies in converged media production. They will also take complementary theoretical studies with a specific focus on society in the digital age.



## Further Information

[www.dit.ie/media](http://www.dit.ie/media)

### School of Media

☎ 01 402 3092

📄 01 402 3293

✉ [creativigitalmedia@dit.ie](mailto:creativigitalmedia@dit.ie)



COURSE CODE:

**DT504**

COURSE LENGTH:

**4 YEARS**

APPROX:

**25 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**437**

## Module Listing

**Production:** video • audio • stills photography • creative writing • television production • drama • documentary • radio production • scriptwriting • media management

**Critical Studies:** film studies • world cinema • European cinema • transnational cinemas • documentary studies • audiences • popular culture • media policy • media history

**Digital Cultures:** gameplay & ludology • ethics • the language used by the media • digital media in an information society • introduction to digital technology • online production • introduction to animation & authoring • independent media research project

## What our Students say!

- I've worked consistently since graduation as a Camera Assistant, and as a DV Camera Operator. - A sample of credits include The Clinic; Killinaskully 5; Whistleblower; Rock Rivals; The Runaway; Ondine; Scissor Sisters (documentary); Celebrity Bainisteoir 2009; Dragons Den; The Apprentice; Bertie; Rasaf na Gaillaimhe 2008; Leinster Heineken Cup Homecoming 2009; U2 360 Tour, Berlin; The Script

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

Graduates work in all aspects of production and post-production, in broadcasting, in corporate media, in film-making. The graduate's career path is largely determined by the individual's interests and specialisations, although with a rounded education, our graduates are extremely flexible. Some go into the supporting roles of production to work towards a career as a producer or director, others go into cameras/cinematography, sound recording, sound post-production, editing, programme development; others go into journalistic roles.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Our graduates have gone on to a wide range of higher degrees: some specialise in film or media studies, creative writing, or literature studies, others go into socio-political research; some go into journalism, others digital media. The emphasis on independent research and the academic process of writing a dissertation prepares our graduates extremely well for post-graduate studies.

## Are there study abroad options?

We have links with a range of European and US institutions. These exchange opportunities are offered on a competitive basis. Our links include Columbia College Chicago, Ryerson University in Toronto, Metropolia University in Helsinki, and Paris 8.

## You might also be INTERESTED IN:

- ♦ Journalism - DT582 Pg 44

# MÍNEALAÍN

## FINE ART

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	Applicants must submit a portfolio on March 5th or 6th 2018 Collection date for portfolios is March 9th 2018
6	2H5's	

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and PORTFOLIO for minimum entry.
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## What is... Fine Art?

The BA Fine Art is designed for students who wish to work as cultural producers in the Fine Art sector. The programme is focused primarily on the acquisition of knowledge and skills, which are necessary for a graduate to operate as a visual artist in a competitive environment, Nationally and Internationally. There is a major emphasis on developing the students' skills acquisition, creative intelligence and conceptual and critical thinking abilities, which are integrated with modules in Critical Theory and Professional Practice.

### Learning Outcomes:

## What will I Study?

The aims and objectives of the BA in Fine Art are to provide an educational context for students who wish to study Fine Art practices and theories at an undergraduate level. It aims to equip the Fine Art student with appropriate skills to realise ideas and to foster in each student an articulate, critical and informed understanding of contemporary Fine Art, its evolution, contexts and critical discourses. This Fine Art programme provides the intellectual environment and technical resources to enable each student to realise their own unique creative potential as a professional artist.

In addition to their own art practice, each student is encouraged to participate in the North House Gallery in DIT Grangegorman, on study trips to international art events, national trips focussed on land works, attend visiting lecturers, art survey sessions, artists talks, and gallery and studio visits, the majority of which are built in to the main programme. While working within a modular structure students are constantly invited to see the interdisciplinary opportunities that exist throughout the Fine Art modules and beyond, mirroring the wide range of media and sources that is present in contemporary art practice.

Our graduates can demonstrate the ability to originate, develop and articulate concepts in Fine Art practices. Articulate a practical and theoretical understanding of Fine Art through essays, presentations, learning portfolios and thesis. Apply a comprehensive level and appropriate range of material and technical skills to their practice. Manage self-directed study and implement independent learning strategies.



## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts

☎ 01 402 4138 (Secretary)  
📄 01 402 4297  
✉ [creativearts@dit.ie](mailto:creativearts@dit.ie)

COURSE CODE:

**DT546**

COURSE LENGTH:

**4 YEARS**

APPROX:

**35 PLACES**

LOCATION:

**GRANGEGORMAN**

POINTS 2017

**636**

(includes portfolio score)

## Module Listing

### Year One

Painting Media • Sculpture Media • Print Media & Interdisciplinary Studies • New Media • Drawing Media • Photography • Professional Practice • Critical Theory (Art Theory, History of Art, Aesthetics, Psychology & Research Methodologies).

### Year Two & Three

The students define their Studio Practice of self-directed study. They are encouraged to develop technical expertise + critical thinking in areas relevant to practice with an emphasis on research & experimentation.

### Year Four

The students consolidate their modular programme of self directed study of which Fine Art studio practice forms the core, while continuing to engage in interdisciplinary activities & practice.

Finally, students are expected to articulate a critically informed understanding of Fine Art history and contemporary theory. Students present an exhibition of work based on studio practice and a written thesis for graduation.

## Portfolio Clinics

There will be Portfolio Clinics on Thursday 23rd of November 2017 and then again on Thursday 8th of February 2018. For more details please consult the website.

## What are my... Career Opportunities?

Graduates establish themselves as professional artists. Many graduates from our programme successfully continue to pursue postgraduate study in Ireland or abroad but also find employment in the cultural and community sectors working in galleries and in studios as arts officers, as curators, as arts administrators and in the teaching sector in Ireland or abroad.

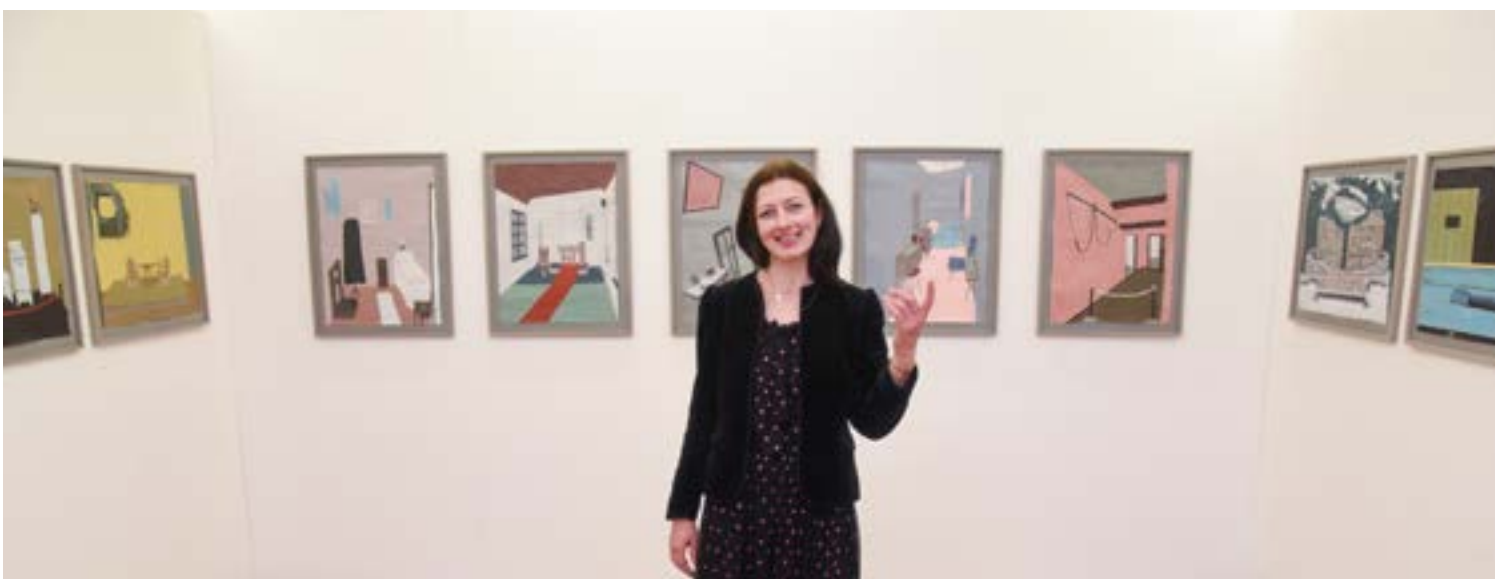
\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of taught Masters, MPhil and PhD degrees by research in DIT or elsewhere in Ireland and abroad.

## Are there study abroad options?

In third year students are encouraged to participate in the Erasmus programme which offers exchange opportunities to study in partner institutions in continental Europe. The School has formal links with many of its key counterparts in France, Germany, The Netherlands, Sweden, Latvia, United Kingdom, etc. There are also optional modules offered that involve short intensive study trips abroad.



## You might also be INTERESTED IN:

- ♦ Contemporary Visual Culture - DT533 **Pg 12**
- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Interior Design - DT544 **Pg 38**
- ♦ Visual Merchandising & Display - DT598 **Pg 80**

# DEARADH CLUICHE GAME DESIGN

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	O4/H7	O4/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Game Design?

The BA in Game Design is a 4-year degree that focuses on the creation and study of games. The course covers the design of games including: mobile, console, PC, board games, card games, serious games and experimental games. Topics include in-depth analysis of games, practical hands-on development experience and theoretical game studies. Along the way students will also learn important skills in programming, digital media creation, problem solving, usability, project management, production and team work. Students will make and release a number of games during the course of this programme, from first year right through to fourth year.

### Learning Outcomes:

## What will I Study?

Students will develop an in-depth understanding of the concepts, theories and models pertaining to the study of game design and the manner in which they can be applied to both entertainment and non-entertainment uses. They will have a good understanding of game programming, production, asset design and mechanics. They will have an ability to analyse and determine multiple approaches to game design, mechanics, controls and the context within which they are used. They will employ advanced skills from specialist areas to achieve goals, including the design and implementation of complex game systems, the documentation of the design process as well as testing and deployment of the resulting games. They will have an ability to apply game design techniques to solving real world problems. Students will make and release to the public at least 10 games and design hundreds more throughout the course of the programme from board games to mobile games to desktop games and will also have the opportunity to undertake a work placement, community project or international exchange.



## Further Information

[www.dit.ie/media](http://www.dit.ie/media)

### School of Media



01 402 3269 (John P. Healy)



[john.p.healy@dit.ie](mailto:john.p.healy@dit.ie)



COURSE CODE:

**DT508**

COURSE LENGTH:

4 YEARS

APPROX:

24 PLACES

LOCATION:

AUNGIER ST

POINTS 2017

**389**

## Module Listing

Ludology • Game Design • Critical Play • Game Production  
• Game Tools • Mechanics Design • Digital Media Tools •  
Media Ethics • Game Programming • Prototyping Studio  
• Game Artificial Intelligence • Asset Design • Dissertation •  
Business of Games

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**DAY** DIT AUNGIER ST.  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

Graduates from this programme can expect to follow a number of career paths. Many will want to innovate in the games industry, release their own games and setup a studio. Our business modules in 4th year facilitate that. Others will work within the existing games industry as game designers, programmers and testers. As the application of games spreads to areas such as education, business and marketing, graduates could also work in these industries as game designers.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students from this programme can progress to further education either as a researcher undergoing a PhD in games studies or into our very successful MSc in Creative Digital Media where we have a digital games option.

## Are there study abroad options?

The School of media has many Erasmus connections within Europe as well as international opportunities to study abroad. Over the next few years we will be developing more opportunities for student exchanges to compatible games programmes.



## You might also be INTERESTED IN:

- ♦ Computer Science (Infrastructure) - DT211 **Pg 208**
- ♦ Computer Science - DT228 **Pg 206**
- ♦ Computer Science (International) - DT282 **Pg 210**
- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Business Computing - DT354 **Pg 100**

# BAINISTÍOCHT FÁILTEACHAIS

## HOSPITALITY MANAGEMENT

BSc Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

The minimum entry requirements for the BSc (Honours) in Hospitality Management is a Merit Lower or above in an Ordinary Degree in Hospitality Management or equivalent. Students graduating from other third-level institutions with an equivalent qualification who are seeking an Honours Level Degree are encouraged to apply. Students will be selected on the basis of their academic results. Final selection may involve an interview.

## What is... Hospitality Management?

This one-year programme provides an opportunity for students who have successfully completed the BA Ordinary degree in Hospitality Management to attain an honours degree in a further single year of studies. It runs in conjunction with the BSc (Honours) in Leisure Management and BSc (Honours) in Tourism Management. The offering of the BSc (Honours) in Hospitality Management programme further develops the learners' key skills, their strategic ability and their knowledge of the hospitality management discipline.

### Learning Outcomes:

## What will I Study?

The BSc programme provides a learning environment which builds upon the hospitality management discipline at ordinary degree level and encourages a theoretical approach and a research ethos. It provides a programme of study that enhances relationships with industry and the school as a centre of excellence in the hospitality, hotel and restaurant management area and it encourages social, ethical and leadership competencies in this field.

It is this combination of higher learning outcomes that warrants an Honours award. This higher level of learning can be displayed by acquiring and utilising the additional cognitive skills of evaluation and synthesis which will be ensured by the modules offered.



## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management & Tourism



01 402 7559 (Dr. Ziene Mottiar)



[tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)

## Module Listing

### Year One

Both semesters provide core modules in strategic management, entrepreneurship, research methods, marketing strategy and strategic human resources. These modules are enhanced through the provision of optional modules in both terms. All students complete a dissertation during their studies.

**Semester 1:** Entrepreneurship • Marketing Strategy • Research Methods • Dissertation • Options

**Semester 2:** Strategic Management Seminars • Strategic Human Resource Management • Dissertation • Options

## What our Students say!

- I enrolled as a mature student for the add-on programme mainly because I wanted a refresher after many years of work in hospitality. I found the lectures enjoyable and very interesting, and we often got visits from guest lecturers and industry practitioners which were also very inspiring. There were quite a lot of assignments to write during the course, which was a bit challenging for me at the start, but fortunately there was plenty of support from both academic staff and fellow students. Group assignments were great fun and I could learn from other students. We often had to present our assignments, which was a good public speaking exercise. I found that the course really improved my writing, organisation and communication skills.

## What are my... Career Opportunities?

This programme is designed to enable graduates to gain employment in challenging positions within the hotel and restaurant sector with varying degrees of responsibility. Graduates can expect to find employment in management positions in the world's finest, restaurants, resorts and also overseeing special events and business conventions. There are also graduate opportunities in consultancy, research and further education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 30**
- ♦ Tourism Management - DT406A **Pg 66**
- ♦ Tourism Marketing - DT412 **Pg 68**
- ♦ Leisure Management - DT411H **Pg 52**



# DEARADH INTÍ

## INTERIOR DESIGN

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	Applicants must submit a portfolio on March 5th or 6th 2018 Collection date for portfolios is March 9th 2018
6	2H5's	

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and PORTFOLIO for minimum entry.
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## What is... Design Interior?

This specialised area of design is all about how we experience spaces and the objects held within them. It's a powerful, essential part of our daily lives that affects how we live, work and play. Exciting recreational environments, unique domestic spaces, functional workplaces, inspiring retail spaces—that's interior design at work.

### Learning Outcomes:

## What will I study?

This award winning programme is aimed at people who wish to work in the area of interior and furniture design. It has strong links with industry and allows students to gain employment in many of the top interior design practices both nationally and internationally. The programme is based on three areas of study - Design Fundamentals, Design Communications and Critical Theory. In Design Fundamentals, students engage in a fundamental and developmental study of design practice through a wide variety of studio projects. The Design Communications strand focuses on developing the student's visualising skills and subjects include Computer Aided Design (CAD), Drawing and Design Realisation. Through Critical Theory the key issues in the history and theory of design are covered.

In Years two and three, students have the opportunity to broaden their visual education by taking a number of optional modules from the Fine Art and Visual Communication areas. The main part of the final year focuses on the Design Thesis in which the student is expected to present a systematic and structured solution to a challenging design problem. Students are expected to create an integrated design solution which is original, creative and imaginative and displays a high level of technical skill in the final presentation. Students also present a dissertation on an approved topic in design.



## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts



01 402 4138 (Secretary)



01 402 4297



[creativearts@dit.ie](mailto:creativearts@dit.ie)



COURSE CODE:

**DT544**

COURSE LENGTH:

**4 YEARS**

APPROX:

**20 PLACES**

LOCATION:

**GRANGEGORMAN**

POINTS 2017

**568**

(includes portfolio score)

## Module Listing

### Year One

**Design Fundamentals:** Form & Space • Structure • Proportion • Perception & Colour • Anthropometrics & Ergonomics.

**Design Communications:** Observational Drawing • Design illustration with Photography • Construction Studies • CAD.

**Critical Theory:** Introduction to Design • Design & Contemporary Society.

### Year Two

**Design Fundamentals:** Recreation • Storage • Internal Structure.

**Interior Design:** Sustainability • Commercial & Domestic • Retail.

**Furniture Design:** Workstations • Flexible Living • Contract Furniture.

**Design Communications:** Design Fabrication • CAD.

**Critical Theory:** Modernism in Design & Theories of the Twentieth Century.

### Year Three

**Interior Design:** Building Regulations • Hospitality • Retail • Universal Design.

**Furniture Design:** Structure & Material • Outdoor Furniture • Modular Systems • Comfort • Self Assembly • Workstation.

**Design Communications:** Digital Modelling.

**Critical Theory:** After Modernism & Theories of Modernity • Thesis Preparation • Professional Practice.

### Year Four

**Interior Design:** Research • Concept Development • Thesis Resolution • Thesis Presentation.

**Furniture Design:** Research • Concept Development • Thesis Resolution • Thesis Presentation.

## Portfolio Clinics

There will be Portfolio Clinics on Thursday 23rd of November 2017 and then again on Thursday 8th of February 2018. For more details please consult the website.

## What are my... Career Opportunities?

Graduates of the BA in Design - Interior and Furniture, find work in design practices, architectural firms, furniture manufacturing firms, display and exhibition companies and as private designers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

There is a comprehensive Erasmus programme connecting with over 15 European schools of design and an exchange programme with Columbia College Chicago.

## What our Students say!

- **What is enjoyable?** I've made some life-long friends, learned from some incredibly talented tutors and have enjoyed every project thoroughly. The variety of design projects means there is something enjoyable for everyone.
- **What do you learn?** We learn the skills that shows off our imagination in a physical piece of work that can be presented to future clients.
- **What is useful?** Learning valuable skills that are vital in the design profession, such as CAD, Photoshop, Illustrator and Sketchup.
- **Why do it?** It's an interesting and challenging subject that has new materials and trends coming out all the time.

## You might also be INTERESTED IN:

- ♦ Design - Visual Communications - DT545 **Pg 22**
- ♦ Product Design - DT001 **Pg 62 & 156**
- ♦ Visual Merchandising & Display - DT598 **Pg 80**

# GNÓ IDIRNÁISIÚNTA & TEANGACHA

(Sínis/Fraincis/Gearmáinis/Gaeilge/Iodáilis/Spáinnis)

## INTERNATIONAL BUSINESS & LANGUAGES

(Chinese/French/German/Irish/Italian/Spanish)

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	06/H7	06/H7	A minimum H4 in one of Chinese, French, German, Irish, Italian or Spanish

## What is... International Business & Languages?

Competence in languages has an important role to play in Ireland's ability to trade with other countries. Fluency in other languages is vital to the success of businesses dealing with the countries and regions in which those languages are spoken. The programme is evenly divided between languages and business subjects.

The key characteristics of this degree programme are the acquisition of professional competence in one or more languages, the acquisition of business expertise, and the third year spent abroad in a country of the student's major language.

### Learning Outcomes:

## What will I Study?

The programme is shared equally between the School of Languages and the School of Marketing at DIT. You will benefit from the international reputation, experience and knowledge of both schools. You will study the full range of business modules required to gain an in-depth understanding of the international business environment. You will also study the language(s) of your choice and acquire the professional competency in one or more languages necessary to work in a variety of multilingual and multicultural environments. The focus is on expansion and consolidation of your language expertise, both oral and written, in a range of professional contexts.

You will normally have obtained a minimum grade of H4 in the Leaving Certificate or equivalent in one or more of the languages offered on the programme. Those currently offered are Chinese, French, German, Irish, Italian and Spanish.

In addition to continuing your study of the language or languages that you took for Leaving Certificate you will have the opportunity to study a new language from beginner's level and you may even have the option of specialising in this new language if you do well enough.

## What our Students say!

- I think IBL is an excellent programme that combines two very important disciplines needed in today's globalised world: the ability to speak languages and an understanding of a great variety of business subjects. I like the way business subjects, such as Marketing, Management and Finance, are all interconnected throughout the course so that you often learn something in one subject and can instantly relate it to something you learnt in a different subject. That makes it more interesting and easier to understand. I also like that DIT is not anonymous and everybody knows everybody. Classes are relatively small compared to big universities. Small classes make interaction in class easy. Whenever I feel I haven't understood something, I can ask the lecturer and they are always willing to explain. As for the language side of the course, I am really glad that we are taught the language in a practical way and focusing on various aspects of culture. I particularly enjoy writing out dialogues and doing in-class presentations. Two years ago, I started as a complete beginner and now I feel so confident in the language that I cannot wait to go on Erasmus next year!

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## Further Information

[www.dit.ie/schooloflanguages](http://www.dit.ie/schooloflanguages)

School of Languages, Law & Social Sciences



01 402 2843



[languages@dit.ie](mailto:languages@dit.ie)

## Module Listing

### Year One

**Language Modules:** French/German/Irish/Italian/Spanish Language 1A (Post-LC) • French/German/Irish/Italian/Spanish Studies 1

**Options:** **Either** French/German/Irish/Italian/Spanish Language 1A (Post-LC) **Or** Chinese/French/German/Irish/Italian/Spanish Language 1B (Beginners)

**Business Modules:** Marketing Theory • Principles of Economics • Principles of Business • Communication/Research Methodology • Accounting

### Year Two

**Language Modules:** French/German/Irish/Italian/Spanish Language 2A • French/German/Irish/Italian/Spanish Studies 2

**Options:** **Either** French/German/Irish/Italian/Spanish Language 2A **OR** Chinese/French/German/Irish/Italian/Spanish Language 2B **OR** a Cultural Module (e.g. Culture, Image, Identity and Memory, Intercultural Studies, Introduction to Linguistics, World Cinema)

**Business Modules:** Principles of Management • International Trade & Globalisation • Introduction to Logistics & Supply Chain • Consumer Behaviour • International Corporate Finance

### Year Three

Spent in Partner University abroad in country of student's major language **OR** on work placement in country where the main language of study is spoken

### Year Four

**European Language Modules:** French/German/Irish/Italian/Spanish Professional Communication

**Two Options from:** **Either** French/German/Irish/Italian/Spanish Translation & Interpreting **OR** French/German/Irish/Italian/Spanish Dissertation **OR** French/German/Irish/Italian/Spanish Current Affairs **OR** French/German/Irish/Italian/Spanish Literary & Cultural Studies **OR** Professional Communication in a Second Language **OR** a Cultural Module (e.g. Art, Heritage & History of France, Creative Writing, Modernism, English Literature of Ireland, Hispanic Identities, The American West)

**Chinese Modules:** Chinese Written Communication • Chinese Oral Communication

**One Option from:** **Either** Chinese Cultural Studies **OR** Dissertation **OR** Professional Communication in a Second Language

**Business Modules:** International Marketing • International Political Economy • Regulatory Framework • Current issues in Global Business

## What are my... Career Opportunities?

With the increasing globalisation of world markets and the dependency of the global economy on international trade, it is essential that students develop the linguistic skills, critical thinking skills, and business skills required. Students who successfully complete the programme will be equipped to play a key role in companies and organisations seeking out new markets and/or expanding within them.

Graduates will be equally well suited to the demands of all business organisations from small and medium-sized enterprises to multinational concerns.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standards may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students are required to spend the third year of the programme in the country of their major language. This will normally be in a partner university but it may be on a work placement.

## You might also be INTERESTED IN:

- ♦ Languages & International Tourism - DT518 **Pg 48**
- ♦ Languages & English Studies - DT517 **Pg 46**

# BAINISTÍOCHT FÁILTEACHAIS IDIRNÁISIÚNTA INTERNATIONAL HOSPITALITY MANAGEMENT

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	O4/H7	O6/H7

## Other Requirements

A pass in any other language (including Irish) at O6/H7 or equivalent.

**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## QQI Level 5 Minimum Entry Requirements

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... International Hospitality Management?

Hospitality is a growing sector in Ireland and worldwide. It is a diverse and exciting industry that provides an abundance of employment opportunities at home and elsewhere around the globe. The demand for hospitality graduates is growing each year within the global hotel, leisure, industrial, business, health and education sectors.

DIT's BSc in International Hospitality Management produce graduates with all the necessary management, technological and operational skills to meet this demand in the international hospitality industry. Specific in-class modules have also been developed to enhance the international focus of the programme and the international experience of the student.

### Learning Outcomes:

## What will I Study?

Students are equipped with knowledge, understanding and professional management skills needed to be successful in the vibrant hospitality industry.

The curriculum is aimed at developing strong communication, interpersonal, management and leadership skills that have been identified by the hospitality industry as essential for career success.

Communications as well as Management, Law and Industry Studies are some of the key areas studied to ensure that our graduates are well equipped to be successful in the sector.

European languages are becoming ever-increasingly important in the world of work and therefore students also study one European language.

## What our Students say!

- “DIT's BSc in International Hospitality Management is truly a Business Degree specialising in the fun world of Hotels and Hospitality. Being such a broad course, covering subjects from Marketing to Culinary Arts, from IT to Strategic Management, this course provides students with a thorough base for any desired career path within the services industry. Covering so many different areas gives you the chance to find your real niche - for me it was sales and marketing, and I chose to complete my internship at Burj Al Arab, Dubai. Since leaving the course I have been lucky enough to have worked as a Sales Manager for Four Seasons Hotel, Dublin handling the US Market and today I handle the Australian and New Zealand Markets for Four Seasons Hotel, Sydney. If travel through work in a dynamic and vibrant industry is what you want - this is the course for you!
- I started this course in 2007 with the hopes that I would one day own my own restaurant. This course really gave an excellent rounded experience of both practical and theoretical modules that would help me to do that, and because of this course I am currently working in a luxury five star property, with the prospect of becoming part of management when I have graduated. This course also will allow me the opportunity to work abroad in the future and that is an invaluable asset to somebody in the field of hospitality.

## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management and Tourism



01 402 4352



[tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)



## Module Listing

### Year One

Applied Communications • Economics for Tourism • Hospitality & Leisure • Food & Beverage Operations (Professional Practice) • Practical Restaurant Operations • Fundamentals of Accounting • International Hospitality Industry Studies • Introduction to Rooms Division Management • IT - Data Preparation & Presentation • Management - Hospitality, Tourism, Leisure & Event • Marketing for Hospitality, Tourism & Leisure • Language

### Year Two

Data Analysis • Database & Industry Software • Financial Accounting for Companies • Hospitality Management Operations • Languages • Management Accounting • Costing & Decision-making • International Human Resource Management • Management • Options

Students may opt for a semester abroad in substitution for the second Semester in year two. This will involve successfully obtaining 30 credits from appropriate modules from partner universities approved by the School of Hospitality Management & Tourism

### Year Three

Information Systems • Hospitality Law • Management Accounting - Planning & Control • Options

In the second semester students undertake a Professional Internship

### Year Four

Dissertation • Financial Management • International Hospitality Management • Marketing Strategy • Research Methods • Strategic Management • Strategic Management Seminars • Options

## Internships/Work Placements

We want our graduates to be ready for the workplace upon completing their degree. Internships give students an edge when it comes to getting that job in the hospitality sector. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these. These are unique networking opportunities to make contacts for careers in the future.

To ensure that our students hit the ground running, there are two hundred hours of work placement to complete in first year. Students on the programme will also undertake a six-month professional internship/placement in Year 3 where the opportunity and support to travel abroad to gain professional hospitality experience is offered.

## What are my... Career Opportunities?

Diversity, excitement and career opportunities abound in today's hospitality industry. This Honours degree in International Hospitality Management offers enhanced career opportunities in the wider services sector. Students can become supervisors and managers in the world's finest hotels, restaurants, exotic resorts and corporate hotel developments. Other options can include overseeing business conventions and special events, occupying management positions in hotels, transport, travel agencies, tourism providers/suppliers, self-employment, project management, technology management, community development, public sector support, financial institutions and bar, club, and conference management.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of postgraduate courses and Master's Degrees in DIT and elsewhere in at third level both in Ireland and abroad.

## Are there study abroad options?

Students have the unique opportunity to undertake a semester abroad in a partner institution/university through the Erasmus + Programme. This is an option in the second semester of Year 2 where participating students take a similar number of modules abroad. There are also links to many employers abroad which can be explored during the third year placement. If work placements are completed outside Ireland and within the EU, grants are available through the EU Erasmus + programme.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Event Management - DT413 **Pg 30**
- ♦ Tourism Management - DT406 **Pg 78**
- ♦ Tourism Marketing - DT412 **Pg 68**
- ♦ Leisure Management - DT411 **Pg 76**

# IRISEOIREACHT JOURNALISM

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's		H4

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Journalism?

The course offers a comprehensive programme of study to anyone who wishes to pursue a career as a journalist. Applicants should have a keen interest in news and current affairs, a facility with language and the ability to work to deadlines. The programme develops skills in the practice of newspaper, broadcast and web-based journalism. Students also gain a critical understanding of the role of journalism in democratic society and knowledge of subjects such as politics, law and business. The School of Media publishes and broadcasts student's work during the academic year through DIT FM and a community newspaper, The Liberty.

### Learning Outcomes:

## What will I Study?

The overall structure is based around two areas of study: Journalism Practice and Critical Studies.

### Journalism Practice:

Journalism practice provides a full and thorough grounding in news production. Students gain skills in reporting, analysis and commentary through the production of print, radio, television and web-based news. Classes simulate a professional working environment and incorporate visits to courts, government buildings, galleries and so on. By reporting on such events students gain valuable experience and knowledge.

### Critical Studies:

Critical studies provide an overview of journalism in its social, political and historical context. Through this aspect of the programme students also develop an appreciation of subjects such as politics, economics and law. The aim here is to develop a critical academic approach to journalism, which will facilitate rigorous analysis of journalism practice. Academic and practical aspects of the programme are integrated throughout the four years.



## Further Information

[www.dit.ie/media](http://www.dit.ie/media)

### School of Media



01 402 3098 (Secretary)  
01 402 3003



[media@dit.ie](mailto:media@dit.ie)

COURSE CODE:

**DT582**

COURSE LENGTH:

**4 YEARS**

APPROX:

**30 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**367**

## Module Listing

### Year One

Students will be introduced to the basics of journalism with a core module on news reporting.

There are modules in grammar • shorthand • basic computer skills • photo-journalism & sports • crime & science reporting.

### Year Two

The main focus is on news production for print, broadcast & web-based media. Towards the end of the year, the students will produce The Liberty & news for DIT FM.

### Year Three

Students will continue to produce The Liberty & further develop their competence in radio & television journalism. A more in-depth approach to reporting & commentary will be taken with a course in journalism research & investigative reporting. Critical studies modules will examine globalised journalism & advanced aspects of media law.

### Year Four

Most of year four is given to self-directed learning with students working independently on projects. Students will complete two major pieces of work, a journalistic project for a selected medium and a journalism related dissertation.

## What are my... Career Opportunities?

Journalists may work as reporters, commentators or editors across all media, locally, nationally and internationally. Many journalists work across numerous areas while others specialise in, for example, business, sports, arts or technology. Journalistic work is pressurised with tight deadlines but it provides an exciting and rewarding career for those who chose to follow it. A journalism education will also open up opportunities in fields like public relations and education.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- ♦ Film & Broadcasting - DT504 Pg 30

# LÉANN NA dTEANGACHA & AN BHÉARLA LANGUAGES & ENGLISH STUDIES

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English	
6	2H5's	06/H7	H4	At least H4 in one of: French, German, Italian or Spanish For native or nearly-native speakers of English

## What is... Languages & English Studies?

This BA fosters competence in French, German, Irish, Italian or Spanish alongside an enriched understanding of English. Fluency of expression is a key priority in the world of work and the aim of this programme is to increase linguistic versatility in every respect. It is delivered over four years through three strands of subject matter including composition skills, literary studies and language learning and teaching. Graduates will be proficient communicators in their chosen European language and highly adept at text analysis and production in English.

DIT Languages offers a long standing, international reputation for excellence. With marketable graduate attributes in mind, DT517 aims to cultivate sophistication in English while advancing proficiency in the foreign language.

### Learning Outcomes:

## What will I Study?

English modules include literature, composition, and linguistics, as well as cultural studies, cinema and the teaching of English as a second language. French, German, Irish, Italian and Spanish modules develop spoken competence, written accuracy and intercultural understanding through translation and literary analysis.

This four-year honours programme involves three years of study in DIT and one year abroad at a partner institution in the country of the foreign language. Alternatively, qualified students in Year Three may undertake an English language teaching assistantship in France, Germany, Italy or Spain.



## Further Information

[www.dit.ie/llss](http://www.dit.ie/llss)

School of Languages, Law & Social Sciences



01 402 2843



[languages@dit.ie](mailto:languages@dit.ie)



COURSE CODE:

**DT517**

COURSE LENGTH:

**4 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**KEVIN ST/AUNGIER ST**

POINTS 2017

**292**

## Module Listing

### Year One

Composition & Writing Skills • Text & Research • English-Speaking World Cinema • Introduction to Cultural Image • Introduction to Linguistics • Text & Narrative • French/German/Irish/Italian/Spanish Language 1A (Post-LC) • French/German/Irish/Italian/Spanish & Latin American Studies 1 • Chinese/French/Irish/Italian/German/Spanish 1B (Beginners)

### Year Two

American Vantage Points • Communicative Fluency • Texts for Stage & Screen • Intercultural Studies • World Cinema • Language Learning & Teaching • French/German/Irish/Italian/Spanish Language 2A • French/German/Irish/Italian/Spanish & Latin American Studies 2 • Chinese/French/German/Irish/Italian/Spanish 2B

### Year Three

Abroad

### Year Four

Dissertation • Modernism & 20th Century English Literature • English Literature of Ireland • Teaching English & Drama • Writing for Professional Purposes • Creative & Imaginative Writing • The American West • Art, History & Culture of France • Hispanic Identities • French/German/Irish/Italian/Spanish Literary & Cultural Studies • Current Affairs in France/Germany/Italy/Spain & Latin America • Translation & Interpreting French/German/Irish/Italian/Spanish • Chinese Spoken Language • Chinese Written Language • Chinese Cultural Studies

## What are my... Career Opportunities?

The combination of another European language with English will widen career paths for graduates both within Ireland and internationally. Bilingual communicators with critically refined understandings of the spoken and written word are prized in many fields of work including business, education, media and government.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standards may qualify for a range of post-graduate and master's degrees in DIT and elsewhere, nationally and internationally.

## Are there study abroad options?

Students are required to spend the third year of the programme in the country of their foreign language, either as an English language assistant or as a student in a partner university.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- International Business & Languages - DT555 **Pg 110**
- Languages & International Tourism - DT518 **Pg 48**

# TEANGACHA & TURASÓIREACHT IDIRNÁISIÚNTA

(Sínis/Fraincis/Gearmáinis/Gaeilge/Iodáilis/Spáinnis)

## LANGUAGES & INTERNATIONAL TOURISM

(Chinese/French/German/Irish/Italian/Spanish)

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	06/H7	06/H7	A minimum H4 in one of Chinese, French, German, Irish, Italian or Spanish

## What is... Languages & International Tourism?

Tourism is now the largest industry in the world. This exciting new programme is unique in bringing together the study of both tourism and languages. This four year Honours Degree programme, including a year abroad, offers a high level of linguistic proficiency, cultural awareness and training in business skills for tourism. It will enable graduates of the programme to function in the competitive but rewarding field of international tourism.

### Learning Outcomes:

## What will I Study?

Students will receive a dual qualification in languages and tourism. The language modules provide the opportunity to gain professional competence in one or more languages through traditional linguistic studies, contemporary cultural studies and translation studies. Tourism modules introduce students to the business of tourism and explore exciting fields such as Sustainable Tourism and Enterprise Development.

Prospective students should have a keen interest in the culture and heritage of Ireland as well as the countries of their chosen language. The programme is shared equally between the School of Languages and the School of Hospitality Management and Tourism at DIT. This means that graduates will study the language(s) of their choice, and also have a broad level of exposure to the tourism industry. They will benefit from the international reputation of both schools whose experience and knowledge is reflected in the modules which this programme offers.



## Further Information

[www.dit.ie/schooloflanguages](http://www.dit.ie/schooloflanguages)

### School of Languages



01 402 4673/2843



[languages@dit.ie](mailto:languages@dit.ie)

## Module Listing

### Year One

**Language Modules:** French/German/Irish/Italian/Spanish Studies Language 1A (Post-LC) • French/German/Irish/Italian/Spanish Studies 1

**Options:** Either French/German/Irish/Italian/Spanish Studies Language 1A (Post-LC) OR Chinese/French/German/Irish/Italian/Spanish Language 1B (Beginners)

**Tourism Modules:** Tourism Studies • Tourism Marketing • Computer Applications • Tourism Destinations • Management • Accounting for Tourism

### Year Two

**Language Modules:** French/German/Irish/Italian/Spanish Studies Language 2A • French/German/Irish/Italian/Spanish Studies 2

**Options:** Either French/German/Irish/Italian/Spanish Studies Language 2A OR Chinese/French/German/Irish/Italian/Spanish Language 2B OR a Cultural Module (e.g. Culture, Image, Identity and Memory, Intercultural Studies, Introduction to Linguistics, World Cinema)

**Tourism Modules:** Sustainable Tourism • International Human Resource Management • Heritage Culture & Tourism • E-Tourism • Tourism Law • Global to Local Tourism

### Year Three

Spent in Partner University abroad and in placement in country of student's major language.

### Year Four

**European Language Modules:** French/German/Irish/Italian/Spanish Professional Communication

**Two Options from:** Either French/German/Irish/Italian/Spanish Translation and Interpreting OR French/German/Irish/Italian/Spanish Dissertation OR French/German/Irish/Italian/Spanish Current Affairs OR French/German/Irish/Italian/Spanish Literary and Cultural Studies OR Professional Communication in a Second Language OR a Cultural Module (e.g. Art, Heritage and History of France, Creative Writing, Modernism, English Literature of Ireland, Hispanic Identities, The American West)

**Chinese Modules:** Chinese Written Communication • Chinese Oral Communication

**One Option from:** Either Chinese Cultural Studies OR Dissertation OR Professional Communication in a Second Language

**Tourism Modules:** Applied Project Management • Contemporary Tourism Issues • Festival & Events Impacts • Research Methods • Strategic Management Seminars (double weighting)

## What are my... Career Opportunities?

Graduates of this programme will have a wide range of employable skills for which demand can only grow. They will have preferential access to careers in fields of International Tourism, in the private and State sectors as well as in international organisations. They can work in heritage and related cultural areas where high levels of linguistic proficiency are essential or they can be active in research conducted in the academic sphere, by national and other tourist organisations.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of the programme who have reached the appropriate Honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students are required to spend the third year of the programme in the country of their major language. This involves studying in a partner college and undertaking a supervised placement in the tourism industry of that country.

## What our Students say!

- Languages and International Tourism is a degree unlike any other. The equal weighting of languages and tourism in this degree is unique. The tourism modules such as management and tourism destinations enable us to learn about the dynamic and varied tourism industry as well as having valuable language skills that will provide opportunities in the future. The Erasmus year abroad will not only allow you to experience college in the country of your chosen language but also to complete work experience in the tourism industry. The small classes in DIT have allowed us to progress in our chosen languages. I have always found everyone to be friendly and am really enjoying my time at DIT.

## You might also be INTERESTED IN:

- ♦ International Business & Languages - DT555 Pg 110
- ♦ Languages & English Studies - DT517 Pg 46

# DLÍ LAW

LLB Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's		H4

## QQI LEVEL 5 ENTRY REQUIREMENTS:

BLSXX/5M3789 Legal Studies  
BBSXX/5M2102 Business Studies

FIVE DISTINCTIONS

## What is... Law?

Law is all around us. Law consists of the rules that our society has developed over hundreds of years to organise how we live together in a community. In studying law you learn, not only what these rules are, but also why they exist, how they have developed and how they relate to social and economic goals. You also think about how the law should regulate society and about the different ways in which law can shape the world in which we live.

### Learning Outcomes:

## What will I Study?

Certain subjects are considered essential to the study of law, such as Contract Law, Property Law, Criminal Law and European Union law. Students build up a base of knowledge in these core areas as well as following their own interests through specialised topics. Dublin Institute of Technology has a strong emphasis on areas of law that have recently undergone significant change. We offer optional modules such as Criminology, Intellectual Property and Media Law, Prison Law and the Law and Society Research Clinic, where students engage in research for the benefit of an NGO.

In studying law at Dublin Institute of Technology you will develop skills of analysis, research and communication. Your capacity for problem-solving will become well-honed. You will gain an appreciation of the complex relationship between law and society and how law can both help and hinder the resolution of social problems. You can examine the operation of the criminal justice system, consider how law should respond to new technologies or carry out research for an NGO on real-world problems. You will develop your capacity for critical analysis and become a self-directed learner. You will be able to make and evaluate arguments and take a logical and practical approach to solving complex problems.



## Further Information

[www.dit.ie/lls](http://www.dit.ie/lls)

### School of Languages, Law & Social Sciences



01 402 7181 (School Office)



[law@dit.ie](mailto:law@dit.ie)



COURSE CODE:

**DT532**

COURSE LENGTH:

3 YEARS

APPROX:

35 PLACES

LOCATION:

AUNGIER ST

POINTS 2017

**434**

## Module Listing

### Year One

Contract Law • Core Legal Skills • Criminal Law • Torts

### Year Two

Company Law • Constitutional Law • EU Law • Property Law

### Year Three

Administrative Law • Equity • Evidence • Jurisprudence

Optional law subjects from which students can choose may include: Criminology • Employment Law • Family Law • Intellectual Property & Media Law • Law & Society: Research Clinic • Refugee and Asylum Law • Prison Law & Prisoners' Rights • Civil Procedure and ADR • European Human Rights Law

## What are my... Career Opportunities?

Many students graduating from the LLB pursue a career as a solicitor or a barrister but the professions are not the only option for law graduates. The analytical and problems solving skills developed in a law degree are valuable in a range of businesses. Law graduates also find employment in the civil and public service and in the NGO sector where their legal knowledge and critical thinking skills are particularly useful.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of this Level 8 Honours programme will be eligible to apply to complete a Masters of Law (LLM) or other interesting postgraduate programmes such as a Masters in Criminology, a Masters in Child, Family and Community Studies or postgraduate business degrees, among other options.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12



## You might also be INTERESTED IN:

- ♦ Business & Law - DT321 Pg 96

# BAINISTIÚ FÓILLÍOCHTA

## LEISURE MANAGEMENT

BSc Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

The minimum entry requirements for the BSc (Honours) in Leisure Management is a Merit Lower or above in an Ordinary Degree in Leisure Management or equivalent. Students graduating from other third-level institutions with an equivalent qualification who are seeking an Honours Level Degree are encouraged to apply. Students will be selected on the basis of their academic results. Final selection may involve an interview.

## What is... Leisure Management?

This one-year programme provides an opportunity for students who have successfully completed the BA Ordinary degree in Leisure Management to attain an honours degree in a single year of studies. It runs in conjunction with the BSc (Honours) in Hospitality Management and BSc (Honours) in Tourism Management.

### Learning Outcomes:

## What will I Study?

The offering of the BSc (Honours) in Leisure Management further develops the learners' key skills, their strategic ability and their knowledge of the leisure management discipline. This higher level of learning can be displayed by acquiring and utilising the additional cognitive skills of evaluation and synthesis which will be ensured by the modules offered.

## What our Students say!

- I chose to complete the add-on year to enhance my employability post-graduation as many employers now request Level 8 qualifications as a prerequisite for consideration. I had a lot of flexibility due to the variety of modules available and this enabled me to tailor the course to meet my needs and interests. Group-oriented assignments were an integral part of this course, offering students the opportunity to work with people from other cultures and backgrounds. In an ever changing business landscape it is important that real time experience is also discussed and the lecturers often invited guest speakers along which helped to further your understanding of the topics taught in class. In addition, the lecturers were always available for advice and guidance on my future plans regarding employment and post-graduation options."



## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management & Tourism

01 402 7559 (Dr. Ziene Mottiar)  
01 402 4352 (Mary Dineen)

Ziene.Mottiar@dit.ie  
tourism.hospitality@dit.ie

COURSE CODE:

**DT411H**

COURSE LENGTH:

**1 YEAR**

APPROX:

**10 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year One

Both semesters provide core modules in strategic management, entrepreneurship, research methods, marketing strategy and strategic human resources. These modules are enhanced through the provision of optional modules in both terms. All students complete a dissertation during their studies.

**Semester 1:** Entrepreneurship • Marketing Strategy • Research Methods • Dissertation • Selected Option(s)

**Semester 2:** Strategic Management Seminars • Strategic Human Resource Management • Dissertation • Selected Option(s)

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

This programme is designed to enable graduates to gain employment in challenging positions within the leisure sector with varying degrees of responsibility. Graduates can expect to find employment in aquatic facilities, entertainment complexes, leisure centres, theme parks, hotel leisure complexes, golf clubs and other recreation facilities. There are also graduate opportunities in consultancy, research and further education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 30**
- ♦ Hospitality Management - DT408A **Pg 38**
- ♦ Tourism Management - DT406A **Pg 64**
- ♦ Leisure Management - DT411 **Pg 76**



# CEOL MUSIC

BMus Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	06/H7	06/H7	Applicants must attend an audition/interview in March/April 2018.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and AUDITION for minimum entry.
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## What is... Music?

The world-wide demand for the talents of Irish-trained musicians has never been more apparent. Alongside the iPod generation of musicians there is a strong desire for the talents of both classical and traditional vocalists and musicians. The Bachelor of Music full-time degree programme is designed to educate music students to a professional level as performers (both classical and Irish traditional). It also prepares students for careers as instrumental or vocal teachers, as composers and musicology graduates.

All students are given the opportunity to showcase their talents by participating in a diverse programme of concerts, recitals and stage performances.

### Learning Outcomes:

## What will I Study?

This four-year programme places a major emphasis on performance combined with supporting academic study. Areas studied include composition techniques; history of music; aural training; an introduction to education studies; music technology; supporting musicianship. In years three and four, students choose a strand which enables them to concentrate on one of the following: Performance, Composition, Pedagogy, Irish Traditional Music or Musicology.

Participation in ensembles is a core element in the programme. Ensembles include Symphony Orchestra, Wind Ensemble, Choral Society, Chamber Choir, Opera Ensemble, Irish Traditional Music Ensemble, Big Band and Early Music Ensemble.



## Further Information

[www.dit.ie/conservatory](http://www.dit.ie/conservatory)

### Conservatory of Music & Drama



01 402 7822 (Dermot Dunne - Programme Chair)



[conservatory@dit.ie](mailto:conservatory@dit.ie)



## Module Listing

### Year One

Performance Studies • Composition Techniques • History of Music • Aural Awareness & Analysis • Introductory Module in Irish Music • Music Technology • Supporting Musicianship (classical) or Studies in Irish Traditional Music: Style & Repertoire (traditional) • Ensemble.

### Year Two

Performance Studies • Composition Techniques • History of Music • Aural Awareness & Analysis • Education Studies • Supporting Musicianship (classical) or Studies in Irish Traditional Music: Style & Repertoire (traditional) • Ensemble.

### Year Three & Four

**Performance:** Performance Studies • Analysis • Studies in Music History & Performance Practice • Special Studies • Studies in World Music Cultures • Dissertation • Ensemble.

**Composition:** Composition Studies • Portfolio of Works • Analysis • Studies in Music History & Performance Practice • Ensemble.

**Pedagogy:** Performance Studies • Education Studies • Analysis • Studies in Music History & Performance Practice • Studies in World Music Cultures • Special Studies • Dissertation • Ensemble.

**Irish Traditional Music Studies:** Performance Studies • Studies in ITM • Early Music Ensemble • Special Studies • Studies in World Music Cultures • Dissertation • Ensemble.

**Musicology:** Research Project • Historical Music Studies • Performance Studies • Studies in Music History & Performance Practice • Studies in World Music Cultures • Ensemble.

## What are my... Career Opportunities?

Graduates may proceed to careers as soloists or group performers in the orchestral, vocal or Irish traditional fields or as composers or teachers in the public or private sector. A significant number of graduates have been accepted into prestigious postgraduate programmes at home and abroad.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters programmes in DIT and elsewhere in Higher Education.

## Are there study abroad options?

We have links with a variety of European and US institutions. These exchange opportunities are offered on a competitive basis. Our links include Columbia College Chicago, Ryerson University in Toronto, Metropolia University in Helsinki, the Liszt Academy in Budapest, and the Kódaly Institute in Kecskemét Hungary.

## What our Students say!

- **David Scott** (Voice and Musicology Graduate): By doing the BMUS, not only did I receive intense one to one coaching to improve my singing, the academic facilities allowed me to comprehensively research areas of particular interest to me, to the extent that my final year thesis on contemporary opera was chosen as the best undergraduate musicology dissertation in Ireland by the 'Council of the Heads of Music in Higher Education'.
- **Norah Walsh** (Keyboard and Composition Graduate): The BMus in Performance is both a challenging and enjoyable course combining competitive performance experience with a careful balance of musicianship and practical skills. What an enlightening four years!
- **Morgan Buckley** (guitar graduate): There is a great atmosphere at the college with a friendly community between students and staff. Thanks to having access to some of Ireland's leading musicians, I have now completed the first year of the Master of Music programme in performance at the Royal College of Music in London.

## You might also be INTERESTED IN:

- ♦ Commercial Modern Music - DT506 **Pg 10**
- ♦ Music Education - DT528/TR009 **Pg 56**
- ♦ Drama - DT529 **Pg 24**

# OIDEACHAS CEOIL

## MUSIC EDUCATION

BMusEd Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

### ENTRY REQUIREMENTS:

Applicants must satisfy the Matriculation requirements of the University of Dublin (Trinity College) - course TR009. For details contact [admissions@tcd.ie](mailto:admissions@tcd.ie)

## What is... Music Education?

The Bachelor in Music Education degree is designed to provide for the academic and professional requirements of those wishing to become music teachers at secondary school level (including Northern Ireland). If you enjoy music, already have a reasonable standard of performance, and wish to combine these qualities with a teaching career, then this course will be ideally suited to you.

**Please Note:** Students registering on the programme in September 2017 and every two years thereafter (i.e. September 2019, September 2021) will study jointly at the DIT Conservatory of Music and Drama and Trinity College Dublin (TCD) only, throughout the four year programme. Students registering on the programme in September 2018 and every two years thereafter (i.e. September 2020, September 2022) will study jointly at the Royal Irish Academy of Music and Trinity College Dublin (TCD) only, throughout the four year programme.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

### Learning Outcomes:

## What will I Study?

This four year programme will equip you with a high standard of performance in the instrument of your choice, as well as associated competences in related music skills, i.e. conducting, keyboard skills, counterpoint, composition, orchestration, analysis and history of music. A fundamental feature of the course is personal development in music, instilling the ability to arouse the interest and enthusiasm of pupils. You will be encouraged to engage in ensemble work at a level appropriate to your ability. Opportunities to perform are provided, offering realistic goals for all, including the exceptionally gifted. Supervised practice in all aspects of classroom teaching is provided in addition to instrumental/vocal practice.

Entrance tests are normally held in March of the year of entry in TCD. Please visit <http://dit.ie/conservatory/undergrad/bmused> for more details.

## What our Students say!

- During my four years of study, I developed as both a performer and a teacher. The encouraging lecturers and teachers and the friendly classes in both DIT and TCD made it such a positive and rewarding experience. The opportunities to perform both in ensembles and as a soloist, along with the teaching practice in a range of different schools gave me all the experience I needed to survive in the real world!

## Further Information

[www.dit.ie/conservatory](http://www.dit.ie/conservatory)

### Conservatory of Music & Drama



01 402 7677 (Dr. Mark Fitzgerald)



[mark.fitzgerald@dit.ie](mailto:mark.fitzgerald@dit.ie)



[conservatory@dit.ie](mailto:conservatory@dit.ie)

COURSE CODE:

**DT528/TR009**

COURSE LENGTH:

**4 YEARS**

APPROX:

**15 PLACES**

LOCATION:

**Trinity College Dublin &  
RIAM**

POINTS 2017

See  
[www.tcd.ie](http://www.tcd.ie)

## Module Listing

### Year One

#### Music:

Individual Instrumental Tuition • Aural Perception & Keyboard Skills • Harmony & Counterpoint • History of Music • Irish Music • Singing, Recorder, Guitar & Percussion • Conducting • Music Technology • Ensemble Performance

#### Education:

Practice of Music Education • Teaching Practice • Psychology of Education • Philosophy of Education • Sociology of Education • Curriculum & Assessment

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

Most graduates go on to teach, usually in schools, and some go into instrumental teaching. Graduates also go on to work in arts administration, libraries, music therapy, musicology, performance, and a range of other areas.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Many students take postgraduate courses in related areas such as performance, music education, musicology or composition at DIT Conservatory or other Higher Education Institutions.

## Are there study abroad options?

There are opportunities for students to spend part of their studies abroad. Partnerships have been formed with the Royal Conservatoire of Scotland, the Liszt Academy in Budapest and the Kodály Institute in Kecskemét Hungary.



## You might also be INTERESTED IN:

- ♦ Music - DT501 **Pg 54**
- ♦ Commercial Modern Music - DT506 **Pg 10**
- ♦ Drama - DT529 **Pg 24**

# FÓTAGRAFAÍOCHT PHOTOGRAPHY

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	Applicants must submit a portfolio on March 5th or 6th 2018 Collection date for portfolios is March 9th 2018
6	2H5's	

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and PORTFOLIO for minimum entry.
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## What is... Photography?

The arrival of affordable digital cameras has stimulated widespread general interest in photography, presenting the professional photographer with both new opportunities and challenges. This professional expertise is highly valued and the BA Photography prepares students for careers in professional photographic media practice, as well as the broader visual arts sector.

### Learning Outcomes:

## What will I Study?

BA Photography fully integrates theory and practice throughout each year. Adopting a hands-on approach, the programme equips students with key skills, while encouraging students to reflect on their actions and practices. The theoretical (Critical Studies) side of the programme provides students with a critical understanding of the context of media and visual arts production, while fostering intellectual enquiry into the nature of society and culture.

Photography practice modules are underpinned by theoretical study of photographic technologies and images in the social and institutional context in which the photographer operates. In thinking about their own work and how they produce it, students articulate a critical response to the images they create.



## Further Information

[www.dit.ie/photography](http://www.dit.ie/photography)

School of Media, DIT Photography & Digital Imaging Studio



01 402 3098 (Secretary)



[Sharon.cleary@dit.ie](mailto:Sharon.cleary@dit.ie)



01 402 3003



COURSE CODE:

**DT559**

COURSE LENGTH:

**4 YEARS**

APPROX:

**30 PLACES**

LOCATION:

**GRANGEGORMAN**

POINTS 2017

**650**

(includes portfolio score)

## Module Listing

**Some modules are core (compulsory); others are optional.**

**Critical Studies:** Incorporating Visual Studies, History, Theory and Criticism. This area enables students to analyse and account for the ways in which photography permeates all spheres of human experience and activity. The history modules put into context photographic representation and its function in technological, cultural and social change. Students work with materials to examine and reflect on the nature and meaning of the photographic image in different contexts.

**Photographic Practice:** Students acquire technical photographic skills through challenging project briefs. These assignments are designed to explore all aspects of photographic practice, including the genres of photography; the range of image formats; meeting or subverting audience expectations; the contexts in which photographic media operate; as well as encouraging students to experiment with the medium of photography as a form of investigation, communication and representation.

**Professional Studies:** Incorporates Study Skills, Law and Business.

## What are my... Career Opportunities?

The wide variety of career opportunities include commercial and industrial photography, photography as visual arts practice, multimedia, print and electronic media, photojournalism and editorial work.

Many graduates work in a variety of commercial and industrial photographic areas ranging from medical to fashion. Others become involved in the media industries, while a significant number pursue careers in education and postgraduate research.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

BA Photography provides a platform for graduates to undertake postgraduate studies in photography, art, media and other research areas. Those achieving the appropriate standard may pursue further study or additional professional qualifications. DIT offers MPhil and PhD by research and DIT Masters programmes include Creative Digital Media, Music Technology, Journalism, Public Relations, European Public Relations, Public Affairs and Political Communications.



## You might also be INTERESTED IN:

- ♦ Fine Art - DT546 **Pg 32**
- ♦ Contemporary Visual Culture - DT533 **Pg 12**
- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Creative& Cultural Industries- DT597 **Pg 14**

# BAINISTÍOCHT & TEICNEOLAÍOCHT NA MEÁN CLÓITE PRINT MEDIA TECHNOLOGY & MANAGEMENT

BA Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English
6	2H5's	06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD

FIVE DISTINCTIONS

## What is... Print & Digital Media Technology Management?

For those interested in a career in an evolving and developing, technology and management led industry, this course prepares graduates for a professional management career in the print media industry, including the print and packaging sector. The course focuses on the knowledge and skills necessary for a successful graduate to enter the print and packaging and associated media sectors in an administrative or managerial role. The course also provides graduates with an understanding of entrepreneurship and has a dedicated Industry Work Placement in Year 3. The course uses a flexible learning approach and encourages professional, managerial, technical and operations skills development.

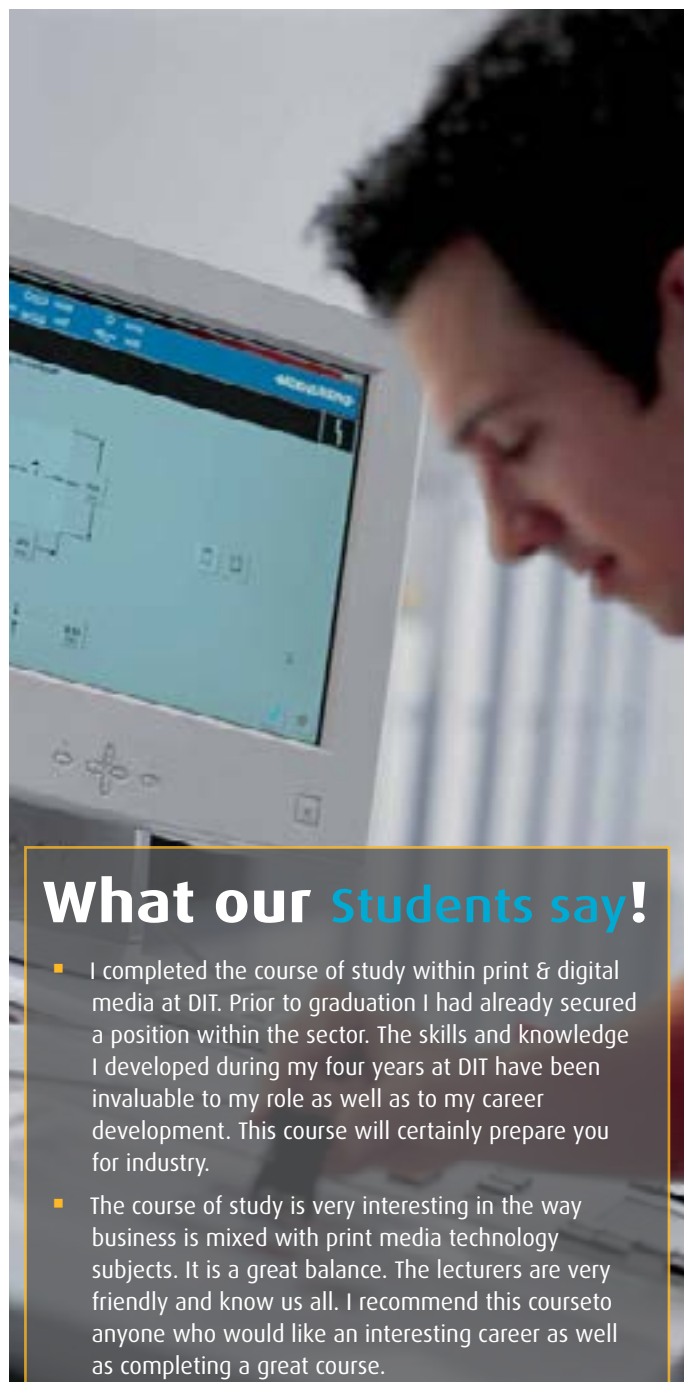
### Learning Outcomes:

## What will I Study?

The participant will study a range of both business and technology subjects. The business modules are similar to those delivered on a general business course. Technology subjects focus on the print and digital media technology sectors. These give the breadth of subject expertise and appreciation to operate effectively in the industry.

There is a full semester of Industry placement when the participant will undertake a project with a firm operating in the sector.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM - 2PM 01.12-02.12**



## What our Students say!

- I completed the course of study within print & digital media at DIT. Prior to graduation I had already secured a position within the sector. The skills and knowledge I developed during my four years at DIT have been invaluable to my role as well as to my career development. This course will certainly prepare you for industry.
- The course of study is very interesting in the way business is mixed with print media technology subjects. It is a great balance. The lecturers are very friendly and know us all. I recommend this course to anyone who would like an interesting career as well as completing a great course.

## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts



01 402 3778 (Dr. Kevin Byrne)



[kevin.byrne@dit.ie](mailto:kevin.byrne@dit.ie)

COURSE CODE:

**DT596**

COURSE LENGTH:

**4 YEARS**

APPROX:

**20 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**253**

## Module Listing

### Year One

Management • Introduction to Design/Prepress Technology •  
Introduction to Print & Digital Media • Quantitative Methods  
• Communications • Introduction to Information Technology  
• Post-press & Packaging

### Year Two

Financial Accounting • Economics • Operations Management  
• Materials & Paper Technology • Project Management •  
Human Resource Management • Management Accounting •  
Marketing Services & Production Management • Information  
Technology • Law

### Year Three

Digital Asset Management • Estimating for Print • Marketing  
& Sales • Procurement • Industrial Placement

### Year Four

Strategic Management • Quality Management • Research  
Methods • Finance • Environmental Management • New  
Technology • Entrepreneurial Studies • Dissertation

## What are my... Career Opportunities?

This level 8 honours degree course is appropriate for persons wishing to commence or develop a career in professional management or business administration in the print media sector. It is the career point of entry requirement for roles in production management, operations management, estimating, sales and marketing and general management within the sector. This course will also assist in the entry to other sectors and organisations which require the skills of managerial and technical competency.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

An ERASMUS agreement is in place with the University of Applied Sciences in Munich, Germany. Students are encouraged to take a semester of comparable ECTS rated subjects there.



## You might also be INTERESTED IN:

- ♦ Design - Visual Communication - DT545 Pg 22

# DEARADH TÁIRGÍ PRODUCT DESIGN

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Product Design?

The ever-increasing requirement by industry, commerce, retail and domestic markets for new products of all varieties has resulted in a thriving industry for businesses in the area of product design. Dublin Institute of Technology has developed this programme in response to market demand to produce graduates with the necessary theoretical knowledge and practical skills to work in today's demanding design fields.

The role of the product designer is to oversee the complete development cycle of a product in industry. Graduates will be capable of applying engineering principles in order to evolve a product's development cycle from initial concepts to manufacturing stage.

### Learning Outcomes:

## What will I Study?

During the course of the programme you will study how the creative aspect of design as developed in Creative Design Fundamentals and various Design Innovation Studios modules integrate with the manufacturing potential of your design supported by modules such as Manufacture and Materials through to analysis of your design as taught in Design Analysis.

The technologies involved in bringing a concept to market will be outlined and planned in modules such as Economics, Marketing and Legal Aspects of Product Design.

You will be supported by modules such as New Product Introduction and Business Process Management when you enter both National and International competitions.

Your final year project will allow you to bring all these various areas together in order to propose, conceptualise, design and develop your ideas to a professional and industrial standard.



## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3841 (Dr. Colm O'Kane, Programme Leader)  
01 402 3823 (Robert Simpson, Assistant Head of School)  
01 402 3626 (Maeve Coyne, Secretary)



[colm.okane@dit.ie](mailto:colm.okane@dit.ie)  
[robert.simpson@dit.ie](mailto:robert.simpson@dit.ie)



COURSE CODE:

**DT001**

COURSE LENGTH:

**4 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**AUNGIER ST  
BOLTON ST  
GRANGEGORMAN**

POINTS 2017

**440**

## Module Listing

### Year One

Science • Creative Design Fundamentals • Design History • Economics • Marketing • Communications • Manufacture & Materials • Computer Applications • CAD & Drawing • Economics • Mathematics

### Year Two

Management and Strategy • Applied Creativity in Design • Design Innovation • Virtual Modelling • Modelmaking and Rendering • Mathematics • Applied Innovation in Design • Science • Product Visualisation • Rapid Product Development • Design Tools and Technology • Marketing Research

### Year Three

Enterprise Development / Business Process Management • Creative Design Studio • Design and Manufacturing Methods • Design for Tooling and Manufacture • Design Theory • New Product Introduction • Product Development Studio • Legal Aspects of Product Design • Design Analysis Electro Technology

### Year Four

Integrated Design • Time Compression Technologies • Applied Design Medical/Automotive • Design Innovation Research • Design Innovation Conceptualisation • Final Year Project • Marketing Case Studies • Professional Practice

## What our Students say!

- The trilogy of knowledge this course offers including Engineering, Business and Creative Design is fundamental to producing an exceptional product designer and even an entrepreneur.
- After graduating from Product Design there were many job possibilities available to me. The area that I chose to look for work in was medical devices. The Product Design course enabled me to explore this line of work because as part of the curriculum there was a semester of classes that introduced the medical device industry and much of what I learnt is used daily in my job. Most of the work I do involves working closely with small groups of people, leading brainstorm sessions, using and developing new technologies. These are all skills that I learnt from Product Design at DIT.

## You might also be INTERESTED IN:

- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Interior Design - DT544 **Pg 38**
- ♦ Manufacturing & Design Engineering - DT023 **Pg 146**

## What are my... Career Opportunities?

Product Design offers a career which can be utilized in a broad array of industries. Every product moves through a development cycle, which some professions will have contact with as the design develops but the product designer oversees the complete development cycle.

From the electronic industry to the automotive, medical and aero industries, the product designer contributes his skill and expertise in helping to develop and drive these areas.

Those who qualify with a BSc( Product Design ) Degree are eligible for full membership of the Institution of Engineering Designers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

An International exchange programme exists with Hong Kong Polytechnic University, San Francisco State University in the USA and Canberra University in Australia. Along with these, there are many exchange opportunities with Universities throughout the European Union through the ERASMUS program.

# CÚRAM SÓISIALTA

## SOCIAL CARE

BA Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Social Care?

Social care workers plan and provide professional, individual or group care to clients with personal and social needs. Client groups are varied and include children and adolescents in residential care; young people in detention schools; people with intellectual or physical disabilities; people who are homeless; people with alcohol/drug dependency; families in the community; or older people. Social care workers strive to support, protect, guide and advocate on behalf of clients. Social care work is based on interpersonal relationships which require empathy, strong communication skills, self awareness and an ability to use critical reflection. Teamwork and interdisciplinary work are also important.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## What our Students say!

- In general, I found all staff very approachable and genuine. I thoroughly enjoyed my experience of first year. The highlight was without doubt my placement.
- The experience of first year was very interesting and extremely good fun. While some classes were very challenging, the help given from the lecturers was readily available and really accessible. I would definitely recommend this course to anyone interested in a career in social care.

### Learning Outcomes:

## What will I Study?

Specifically, the aims are:

- ♦ To familiarise students with the latest concepts and theoretical developments in the relevant academic disciplines
- ♦ To facilitate the personal development of students as self-aware, reflective, altruistic, empathic social care professionals
- ♦ To provide students with a structured, supervised exposure to social care practice, by means of practice placements
- ♦ To develop skills relevant to social care practice

The objective of the course is that, upon graduation, students will be eligible for employment as social care workers. Specifically, graduates will:

- ♦ Have experienced three practice placements which will prepare them for professional practice and enable them to make informed choices as to which area of practice they are best suited
- ♦ Be equipped to study at Masters level and, ultimately, to contribute to the Irish social care research literature

The learning outcomes of the BA (Hons.) in Social Care are:

- ♦ An ability to critically analyse social arrangements and to act as agents of social change, not just as deliverers of a service but shaping services rather than merely delivering them
- ♦ Strong critical reflection and analytic ability with respect to service delivery
- ♦ A confidence in their knowledge base and their potential to assume leadership positions in the social care sector
- ♦ An ability to search out information from a range of documentary and electronic sources to frame coherent research questions and produce high quality written reports

## Further Information

[www.dit.ie/llss](http://www.dit.ie/llss)

School of Languages, Law & Social Sciences



01 402 4107 (Dr. Dave Williams)  
David.Williams@dit.ie



01 402 4164 (School Office)  
socialsciences@dit.ie

## Module Listing

### Year One

Philosophical & Sociological Perspectives on Irish Society • Psychology & Human Development • Principles of Professional Practice in Social Care • Introduction to Irish Social Policy • Intellectual Disabilities & Social Care Work with Older People • Introduction to the Art Process in Education & Development • Drama in Education • Health & Well-Being • Communications • Law • Skills development • Tutorials • Practice Placement  
(210 hours to be organised by the School)

### Year Two

Social Theory & Contemporary Themes in Society • Irish Social Policy in Context • Psychological Perspectives on Mental Health • Principles of Professional Practice in Social Care • Research Methods • Working with Communities • Drama or Understanding & Facilitating the Art Process in Social Care Practice • Specialist Modules • Safeguarding Children & Young People • Practice Placement (420 hours to be organised by the School)

### Year Three

Social Policy & Social Change • Law & Critical Social Care Practice Perspectives • Social Psychology • Skills & Approaches to Professional Helping • Principles of Professional Practice in Social Care • Research Methods • Research Portfolio • Management in Social Care • Integrated Learning Portfolio • Practice Placement (420 hours to be organised by the School)

## What are my... Career Opportunities?

Social care involves working with marginalised or disadvantaged people in a caring, compassionate and non-judgemental way. Graduates may work with children and adolescents in residential child care, people with intellectual disabilities, people accessing homeless services, people with alcohol/drug dependency, families in the community, the aged, asylum seekers/refugees and other marginalised groups

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of this Level 8 programme may be eligible to progress to Masters Degrees (Level 9) in a wide range of disciplines across the Social Sciences, e.g. MA in Child, Family and Community Studies; Masters in Social Work; MA in Criminology.

## Are there study abroad options?

There is an opportunity in 3rd year to study abroad on the Erasmus programme.



## You might also be INTERESTED IN:

- ♦ Early Childhood Education - DT572 [Pg 26](#)

# BAINISTIÚ TURASÓIREACHTA

## TOURISM MANAGEMENT

BSc Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

The Minimum entry requirement for the BSc (Honours) in Tourism Management is a Merit Lower or above in an Ordinary Degree in Tourism Management or equivalent. Students graduating from other third-level institutions with an equivalent qualification who are seeking an Honours Level Degree are encouraged to apply. Students will be selected on the basis of their academic results. Final selection may involve an interview.

## What is... Tourism Management?

This one year programme provides an opportunity for students who have successfully completed the BA Ordinary Degree in Tourism Management to attain an Honours Degree in a further single year of study. It runs in conjunction with the BSc (Honours) in Leisure Management and BSc (Honours) in Hospitality Management.

### Learning Outcomes:

## What will I Study?

The offering of the BSc (Honours) in Tourism Management programme further develops the learners' key skills, their strategic ability and their knowledge of the tourism management discipline. The BSc Programme provides a learning environment which builds upon the tourism management discipline at ordinary degree level and encourages a theoretical approach and a research ethos. It provides a programme of study that enhances relationships between industry, and the School as a centre of excellence, in the tourism management area. The programme encourages social, ethical and leadership competencies in this specified field.

It is this combination of higher learning outcomes that warrants an Honours award. Through the modules offered students acquire and utilise the additional cognitive skills of evaluation and synthesis, which is applied to the area of tourism management.



## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management & Tourism



01 402 7559 (Dr. Ziene Mottiar)



[tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)



COURSE CODE:

**DT406A**

COURSE LENGTH:

**1 YEAR**

APPROX:

**10 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year One

Both semesters provide core modules in strategic management, entrepreneurship, research methods, marketing strategy and strategic human resources. These modules are enhanced through the provision of optional modules in both terms. All students complete a dissertation during their studies.

**Semester 1:** Entrepreneurship • Marketing Strategy • Research Methods • Dissertation • Option

**Semester 2:** Strategic Management Seminars • Strategic Human Resource Management • Dissertation • Option

## What our Students say!

- "I returned to study as a mature student and have to say that DIT was the best choice for me. The lecturers and support staff were extremely supportive and understanding of the needs of mature students, making college life easy to mix with family and work commitments. I would recommend the BSc. in Tourism Management to anybody with an interest in business and tourism. It gave me a great understanding of the travel & tourism industry and helped me build on my knowledge of the business world. The course has given me the confidence and ability to work with many different groups - including local community festivals, chambers of commerce - and, gain employment in a Heritage Centre/Tourist Office... all within a year of graduating!"

## What are my... Career Opportunities?

This programme is designed to enable graduates to gain employment in challenging positions within the tourism sector with varying degrees of responsibility. Graduates can expect to find employment in management positions in areas including airlines, transport companies, the travel sector and with statutory agencies. There are also graduate opportunities in consultancy, research and further education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 28**

# MARGAÍOCHT NA TURASÓIREACHTA

## TOURISM MARKETING

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	O4/H7	O6/H7

### Other Requirements

A pass in any other language (including Irish) at O6/H7 or equivalent.  
**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## What is... Tourism Marketing?

Achieving growth in tourism by increasing the satisfaction of tourists has a direct effect on businesses such as travel agents, airlines, tourist bodies and hotels and the profits they expect to receive. Tourism marketing is how the ideas of marketing are applied in the tourism industry.

Tourism is one of the world's largest industries worldwide and it is forecasted as one of the fastest growing global sectors. Tourism in Ireland and worldwide is a promising area and with this it creates unique and exciting career opportunities.

The BSc in Tourism Marketing is a great start for those wishing to pursue a career in the vibrant, worldwide, travel and tourism industry. The programme delves into the principles of marketing and how they are applied to the national and international tourism sectors.

### Learning Outcomes:

## What will I Study?

The BSc in Tourism Marketing degree focusses broadly on business and management subjects and more specifically at the marketing of tourism destinations.

The programme offers business subjects designed for the marketing and management of tourism enterprises such as visitor attractions, destination management companies, tour operators, travel agencies, hotels, conference centres and management bureaux.

European languages are becoming ever-increasingly important in the world of work and therefore students also study one European language.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What our Students say!

- The importance of networking was drilled into us when studying Tourism Marketing; only now I appreciate the importance of this as I liaise with the Golf and Leisure Manager of Roganstown, the MD of Initiative Vacations, the Product Manager of Sunway; all of whom I studied with in DIT Cathal Brugha Street. Not only did I make friends for life, we now work together on a regular basis. My first job after graduation was in an online travel company where my passion for Internet marketing started. My biggest achievement to date was being named Entrepreneur of the Year 2009. My time at DIT gave me insights into the travel industry, a well recognised degree, and confidence. I am still in touch with my class mates and lecturers and am grateful for the head start that I got from DIT.
- I decided to do the Tourism Marketing course because there seemed to be a great mix between business, marketing and tourism itself. The lecturers in DIT were definitely helpful, the tutors have great experience themselves so the knowledge we gained was extremely valuable and easily applicable in the workplace.

## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management and Tourism

01 402 4468 (Louise Bellew)  
01 402 4352 (Mary Dineen)

[louise.bellew@dit.ie](mailto:louise.bellew@dit.ie)  
[tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)

## Module Listing

### Year One

**Semester 1:** Applied Communications • Management • IT Data Preparation & Presentation • Languages • Tourism Studies • Marketing for the Hospitality, Tourism & Leisure Sector

**Semester 2:** Accounting for Tourism • Tourism Destinations • Applied Communications • Languages • Economics for the Tourism, Hospitality & Leisure Sectors • Heritage, Culture & Tourism

### Year Two

**Semester 1:** Management Accounting - Costing & Decision-Making • Sustainable Tourism • Languages • Tourism Intermediary Marketing • Database & Industry Software • Management

**Semester 2:** Human Resource Management • Marketing Research for Hospitality & Tourism • Languages • Data Analysis • Destination & Product Marketing • Optional Module

### Year Three

**Semester 1:** eTourism • Tourism Law • Management Accounting - Planning & Control • Tourism Policy & Planning • Optional Modules

**Semester 2:** A period of professional internship (6 months) in the tourism industry is undertaken in this semester.

### Year Four

**Semester 1:** Economic Geography of the Tourism Industry • Marketing Strategy for Hospitality, Tourism & Leisure • Marketing Communications • Research Methods • Tourism e-Marketing • EU Tourism Policy & Law

**Semester 2:** Strategic Management Seminars • Web Development • Dissertation

## Internships / Work Placements

We want our graduates to be ready for the workplace upon completing their degree and therefore students complete a six month internship in the second semester of Year 3. Internships give students an edge when it comes to getting that job in the tourism and marketing industry. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these. These are unique networking opportunities to make contacts for careers in the future.

The BSc Tourism Marketing programme offers students the opportunity to engage with tourism and marketing industry through internship in Ireland and abroad. Internships in Europe are supported by the Erasmus + programme.

## What are my... Career Opportunities?

The programme is designed to enable students gain employment in challenging graduate level positions in tourism sales and marketing roles. Graduates with marketing competence can expect to find employment in the marketing function of a variety of tourism enterprises including tourism co-operatives, national and regional tourism organisations, hotels, visitor centres (domestic and international), self-employment, project management, technology management, community development, public sector support and financial institutions.

In addition, there are opportunities for graduates in consultancy, research and postgraduate education.

The BSc Tourism Marketing programme offers students unique networking opportunities with industry throughout the programme to make contacts for careers in the future.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standards may have access to a range of Postgraduate and Master's Degrees in DIT and elsewhere in Higher Education nationally and internationally.

## Are there study abroad options?

Tourism Marketing students are offered the opportunity to undertake Erasmus study abroad in semester two of year two. Students may study through English or through their chosen European language. This is a great opportunity for students to experience college in destinations such as France, Germany, Spain, Austria, Holland, Finland, Hungary and the Arctic Circle. Our students have told us "ERASMUS was the best experience of my life. If I could go back and do it again I WOULD!!!!!!!"

Students also have the option of completing their work placement outside of Ireland. If work placements are completed outside Ireland and within the EU, grants are available through the EU Erasmus + programme.

## You might also be INTERESTED IN:

- ♦ Marketing - DT341 **Pg 114**
- ♦ Marketing - DT303 **Pg 122**
- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 28**
- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Leisure Management - DT411 **Pg 76**
- ♦ Tourism Management - DT406 **Pg 64**

# AMHARC-EALAÍN (Inis Arcáin)

## VISUAL ART (Sherkin Island)

BA Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

\*Interview and Portfolio of recent Artwork. Interviews will be held at the Community Hall, Sherkin Island in early May 2018.

## What is... Visual Arts?

This four-year modular honours degree programme - fully accredited, managed and delivered by Dublin Institute of Technology - offers a dynamic and creative education in the Visual Arts. The programme will have a particular focus on the investigation of the meaning of place, how it can be generated and regenerated through art-making and the exchange between the artmaker and her/his place and its people.

On completing the programme graduates will be able to demonstrate an advanced comprehension of the nature, role and potential of Art in the context of their community and in a wider international context, a critical comprehension of historical and contemporary developments in Art; and a thorough mastery of the materials, techniques and skills appropriate to their own artistic interests. Additionally they will develop professional artistic skills necessary for the visual expression of significant ideas and concepts and an ability to present their work in a professional manner.

### Learning Outcomes:

## What will I Study?

The first two Years are highly structured and are designed to give the participants basic technical skills in drawing, sculpture, painting, photography and digital media (both word-processing and image manipulation), and a good understanding of the critical concerns and context of modern and contemporary art practice.

The final two Years are increasingly self-directed allowing participants to develop their particular focus in terms of medium and content. This builds upon research methods and skills developed in stages one and two, which allows participants to develop a similar self-directed approach in Critical Theory.



## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

Dublin School of Creative Arts



01 402 4138 (Elaine Lawlor)



[creativearts@dit.ie](mailto:creativearts@dit.ie)



COURSE CODE:

**DT589**

COURSE LENGTH:

**4 YEARS**

APPROX:

**20 PLACES**

LOCATION:

**Sherkin Island, Cork**

POINTS 2017

**DIRECT ENTRY**

## Module Listing

### Year One

In Year one, the emphasis is primarily placed on research. As analysis & development are required to organise information gathered during the course of research and to extend its scope, considerable emphasis is placed upon analysis & development. Realisation is a skill that is developed later as participants acquire greater experience of art practice and acquire greater physical and conceptual skills.

### Year Two

In Year two, the emphasis upon analysis & development and realisation is increased while the emphasis on research is maintained. Participants are expected to continue to develop the research and analysis and development skills acquired during stage.

### Year Three

In Year three equal emphasis is placed upon research, analysis and development and realisation. This marks a significant increase in the emphasis upon realisation as participants are expected to develop a critical understanding of their choice of medium in relation to the concept they are exploring.

### Year Four

In Year four emphasis in both Studio and Critical Studies is placed upon participants achieving a critical understanding of the nature of their particular practice. Consequently and in recognition of the diversity in approach of contemporary art practice, each participant is required to decide upon and agree with the programme team an appropriate emphasis for the assessment criteria in relation to her/his work.

## What are my... Career Opportunities?

Graduates establish themselves as professional artists and can also find employment in the cultural and community sectors as gallery and studio assistants, arts officers in County Council Offices as curators and as arts administrators. There are also opportunities for employment in the teaching profession and to pursue graduate studies up to PhD level.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates who achieve the appropriate honours standard have access to a range of taught Masters, MPhil and PhD degrees by research in DIT or elsewhere in Ireland and abroad.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Fine Art - DT546 **Pg 32**
- ♦ Contemporary Visual Culture - DT533 **Pg 12**
- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Creative & Cultural Industries - DT597 **Pg 14**

# BAINISTÍOCHT EALAÍON NA BÁICÉIREACHTA & NA TAOSRÁNAÍOCHTA BAKING & PASTRY ARTS MANAGEMENT

BSc Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD

## What is... Baking & Pastry Arts Management?

This programme offers a wide range of opportunities for individuals who wish to pursue a career in baking and confectionery management. The baking industry is both national and international in character and embraces small artisan bakeries, large scale mass production bakeries, delicatessens and sandwich bars. It has expanded rapidly in the last decade giving rise to a growing demand for professional bakery managers. The overall objective of the programme is to develop the individual with the requisite social, technical, business and practical skills, underpinned by a knowledge base in order for them to pursue successful and fulfilling careers in the field of bread baking and flour confectionary baking and confectionery management.

### Learning Outcomes:

## What will I Study?

Students study theoretical subjects such as Baking Technology, Human Resource Management, Introduction to Accounting, Management Principles, Baking Ingredients Studies, Bakery Product Development, Operations Management and Practical Baking Skills in Confectionery, Sugar Craft, Pastry and Artisan Bread Making and Industry Internship.

The programme is offered in a modular format and has the option of an exit award as follows:

On the successful completion of two years study, a student wishing to exit the programme may be awarded a Higher Certificate in Baking and Pastry Arts Management.

Students who successfully complete the 3rd year of study will be awarded the BSc (Ordinary) Degree in Baking and Pastry Arts Management with the appropriate classification.



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4340

01 402 4344



01 402 4497

[scaft@dit.ie](mailto:scaft@dit.ie)

## Module Listing

### Year One

**Semester 1:** Baking Ingredients Studies • Communications • Professional Baking – Bread • Culinary Science: Food Safety • Management Principles • Professional Baking - Morning Goods & Biscuits

**Semester 2:** Baking Technology • Introductory Nutrition • Professional Baking - Breads • Professional Baking - Tarts & Pastries • Culinary Information Systems • Introduction to Culinary Science.

### Year Two

**Semester 1:** Professional Baking – Cake • Human Resource Management • Accounting for Hospitality Business • Professional Baking-Sweet Breads • Baking Ingredients Studies

**Semester 2:** Introduction to Marketing • Professional Baking – Cake • Professional Baking - Sweet Breads • Financial & Cost Accounting • Baked Food Product Development • Wine Studies\* • Occupational Health & Safety • National Internship

\*Options are offered subject to availability, demand and level, from the suite of modules as identified by the programme committee. Please note that options can change from year to year.

### Year Three

**Semester 1:** Operations Management Systems • Food Entrepreneurship • Baking Technology • Artisan Bread Technology • Food Product Development

**Semester 2:** Industry Placement

## What are my... Career Opportunities?

This programme recognises the diversity of opportunities available to the graduate in both National and International settings. Career opportunities include:

Bakery Production and Management in large scale mass production Bakeries, Delicatessen, Bakery/Food Product Development. There are entrepreneurial opportunities for Artisan Bread and Confectionery Based Operations. In addition there may be opportunities for graduates in Education, Consultancy, Research and Bakery Technical Advisors.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students on successful completion of this programme, you will be eligible to apply for a place on the add-on-year BSc (Honours) in Baking and Pastry Arts Management programme Level 8, or apply for consideration to transfer to the BA in Culinary Arts, the BSc in Culinary Entrepreneurship. Having successfully completed a Level 8 programme you can apply to enter the MSc in Culinary Innovation and Food Product development or similar programmes in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Year 3 provides the student with the opportunity to undertake a full semester of National or International Industry placement in a company of their choice, relevant to their chosen discipline of Baking and Pastry Arts Management.

## You might also be INTERESTED IN:

- ♦ Culinary Entrepreneurship - DT416 **Pg 18**
- ♦ Culinary Arts (Professional Culinary Practice) - DT432 **Pg 82**
- ♦ Food Sales & Culinary Practice - DT404 **Pg 84**
- ♦ Culinary Arts - DT407 **Pg 16**

# BAINISTÍOCHT FÁILTEACHAIS

## HOSPITALITY MANAGEMENT

BA Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### Other Requirements

A pass in any other language (including Irish) at 06/H7 or equivalent.

**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## What is... Hospitality Management?

The hospitality industry in Ireland and worldwide is performing very strongly and needs qualified graduates to work in and run operations in this sector. Our students learn how to be competent as managers in any functional area in a hospitality business whether that is working in a top hotel or resort or opening your own restaurant, hotel or bar.

This is a great industry for those interested in travel as positions are plentiful and the financial rewards are attractive.

This dynamic course provides an industry focused curriculum taught through a range of practical and academic learning styles to maximize the learning experience. Students learn all the necessary business skills to equip them for management, while getting plenty of opportunities to put their skills into practice.

### Learning Outcomes:

## What will I study?

Students are equipped with knowledge, understanding and professional management skills needed to be successful in the exciting and vibrant hospitality industry.

The combination of key business subjects (such as Management, Communications, Finance, Marketing or Human Resource Management) with essential operational subjects (such as Hospitality Industry Studies, Rooms Division, Food and Beverage Management) ensures that our graduates are well equipped for a successful career in the sector. Final year students will have the opportunity to follow a specialised stream in one of the following areas: Food and Beverage Management, Rooms Division Management or Conference and Event Management.

European languages are becoming ever-increasingly important in the world of work and therefore students also study one European language.

## What our students say!

- “For me a crucial part was the friends I made who made my college days fun and enjoyable, even as I write this I think of all the funny things that we did and how many memories I have made in DIT. The course is quite diverse and each year was different from the other. In the second year I was required to complete a six month internship, for me this was such a good experience as not only did it help me prepare for now in terms of writing CV's but also getting more used to doing interviews and gaining industry experience from which I learned the difference between practice and theory and also where I would like to work in the future. I also liked that I did the three year course and that I had the option to progress and to do a final add on year. I would recommend this course to anyone who has an interest in business, hospitality and related customer focused sectors as the course covers a wide variety of modules”

- Aoife Walsh

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management and Tourism



01 402 7554 (Ann Conway)



[Ann.Conway@dit.ie](mailto:Ann.Conway@dit.ie)



01 402 4352 (Mary Dineen)



[tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)



COURSE CODE:

**DT408**

COURSE LENGTH:

**3 YEARS**

APPROX:

**50 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**270**

## Module Listing

### Year One

Applied Communications • Computer Applications • Economics • Food & Beverage Studies • Fundamentals of Accounting • Introduction to Rooms Division Management • Hospitality Industry Studies • Practical Restaurant Operations • Languages • Management • Marketing • Kitchen & Larder

### Year Two

Human Resource Management • Languages • Management • Management Accounting - Costing & Decision Making • Database & Industry Software

*In the second semester students undertake a Professional Internship.*

### Year Three

Data Analysis • Enterprise Development • Financial Accounting • Hospitality Law • Information Systems • Management Accounting - Planning & Control • Strategic Management • Optional Modules

## Internships / Work Placements

We want our graduates to be ready for the workplace upon completing their degree. We are serious about maximizing the potential for students to learn practical skills from real-life work experiences. Internships give students an edge when it comes to getting that job in the hospitality sector. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these. These are unique networking opportunities to make contacts for careers in the future.

Students on the programme will undertake a six-month professional internship/placement in Year 2 where there are opportunities to travel abroad to gain professional hospitality experience.

## What are my... Career Opportunities?

Graduates are trained professionals with sound operational work experience and a comprehensive understanding of the hospitality industry.

Career opportunities are almost limitless in hotels and food and tourism enterprises worldwide. As such, they are in demand by a large cross section of the industry from general and operational management within the hospitality industry, to more specialised areas.

Career opportunities in this sector include Marketing and Sales, Human Resource Management, Food and Beverage Management, Rooms Division Management and Conferencing Management in Ireland and abroad.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate standards may have access to the one year BSc in Hospitality Management (add-on) programme (DT408A), other programmes in DIT and elsewhere at third level.

## Are there study abroad options?

In year 2 of the programme students have the opportunity to participate in a professional internship in selected hospitality organisations in Ireland, Europe and the United States. If work placements are completed outside Ireland and within the EU, grants are available through the EU Erasmus + programme.

## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 28**
- ♦ Tourism Management - DT406 **Pg 78**
- ♦ Tourism Marketing - DT412 **Pg 68**
- ♦ Leisure Management - DT411 **Pg 76**

# BAINISTIÚ FÓILLÍOCHTA

## LEISURE MANAGEMENT

BA Leibhéal 7 / Level 7

Supervised Internship is an integral part of the programme and Garda clearance may be required from applicants.

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### Other Requirements

A pass in any other language (including Irish) at 06/H7 or equivalent.

**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## What is... Leisure Management?

The leisure industry is the broad and exciting sector which spans between leisure, recreation, sports and cultural organisations. The variety of recreational needs of the population makes this an exciting and flexible area of work. Students learn the academic and practical skills to become supervisory managers in their chosen sector of the leisure industry. Students especially acquire the necessary business skills to become industry professionals.

The BA in Leisure Management focuses on the broad leisure industry and includes a professional internship, practical modules and academic subjects, while preparing students for leadership in this field.

### Learning Outcomes:

## What will I Study?

Students are taught how to become supervisory managers. Therefore there is a strong emphasis on academic subjects such as business, marketing, human resource management, leisure law, management and accounting.

Some practical modules include gym supervision and a safety programme for leisure management. Within some of the options, students are assessed for recognised qualifications in lifesaving and personal training.

European Languages are becoming ever-increasingly important in the world of work and therefore students also study one European language'

In the final year students choose from a range of options which allows them to tailor their studies to their particular interests. The range of options can vary from year to year but has included modules in coaching, community development, event management, sports and exercise nutrition and managing innovation.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD

## What our Students say!

- I had a keen interest in sport and fitness so I picked the BA in Leisure Management. It was a great course and now I'm working at the Rugby world cup in New Zealand, the Australian Open in Tennis and the Melbourne Grand Prix in the next year.
- Leisure Management is a well rounded course. From a manager in the leisure industry or a fitness instructor in a gym, it will provide you with the skills and theory to support you in your career. You can change your mind about what you want to be, and are able to use the knowledge you have gained in moving forward in whatever area you want.
- I really enjoy the practical parts of the course. It covers a broad aspect of the Leisure industry and opens a lot of doors for potential careers.
- Leisure Management is more than just Leisure - it equips you with the skills and knowledge to set up your own business. By having both business and practical skills the course opens up a variety of opportunities.

## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management and Tourism

☎ 01 402 7583 (Dr Catherine Gorman)  
☎ 01 402 4352 (Mary Dineen)

✉ [Catherine.Gorman@dit.ie](mailto:Catherine.Gorman@dit.ie)  
✉ [tourism.hospitality@dit.ie](mailto:tourism.hospitality@dit.ie)

## Module Listing

### Year One

**Semester 1:** Leisure Studies • Computer Applications • Applied Communications • Languages • Management • Safety Programme for Leisure Management

**Semester 2:** Applied Communications • Marketing • Languages • Leadership in Health, Activity & Nutrition • Economics • Leisure & Sport Sectors **OR** Aquatic Studies

### Year Two

**Semester 1:** Human Resource Management • Accounting for Tourism & Leisure • Management & Organisational Behaviour • Database & Industry Software • Leisure Management Behavioural Competencies • Leisure Operations **OR** Exercise Health Studies & Personal Training.

**Semester 2:** Professional Internship & Career Management

### Year Three

**Semester 1:** Facility Safety in Leisure • Management Accounting - Costing & Decision Making • Strategic Management – an Applied Approach • Leisure & Sport Policy & Planning • 2 Option modules (may include Students Learning with Communities)

**Semester 2:** Sustainable Leisure Facilities Management • Leisure Law • Management Accounting- Planning & Controlling • Contemporary Leisure Issues • 2 Option modules (may include Students Learning with Communities)

## Internships/Work Placements

We want our graduates to be ready for the workplace upon completing their degree. Internships give students an edge when it comes to getting that job in the leisure industry. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these.

These are unique networking opportunities to make contacts for careers in the future. In preparing for their internship, students are encouraged to gain experience in organisations that will develop their skills for their chosen career path and enhance their learning as part of their studies.

Each student completes an internship/placement in industry during the second semester of year 2 either in Ireland or abroad.

Recent internships have included university sports complexes (e.g. Trinity College Dublin, University College Dublin, Dublin City University), national sports facilities (e.g. Croke Park, National Aquatic Centre), national Governing Bodies and regional (e.g. GAA).

## What are my... Career Opportunities?

You will graduate with the knowledge and confidence to work in the leisure industry. Successful graduates will be prepared for entry into the sector at supervisory management level in areas such as leisure centres, theme parks, activity centres, aquatic centres, golf and sports clubs, hotel leisure centres and other recreational spaces.

Many of our graduates have established their own leisure companies. Opportunities are also available in postgraduate education.

Graduates have developed careers as activity co-ordinators, consultants and project managers, event organisers, facility managers, personal trainers, sport and leisure development officers with local authorities, national governing bodies and educational institutions. Graduates have also developed roles in sales and marketing, membership management, information technology, and have progressed to general management and group management functions within leisure organisations.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates have found the BA programme an excellent foundation for continuing their studies to acquire a Level 8 BSc (Honours) in Leisure Management (DT411H) and other programmes at Honours Degree and Masters level in DIT and elsewhere in Higher Education.

## Are there study abroad options?

The BA in Leisure Management participates in the Erasmus + study abroad programme. This is the unique opportunity to undertake a semester abroad in a partner institution/university. This is an option in the second semester of Year 2 where participating students take a similar number of modules abroad.

Students also have the option of completing their fifteen week internship abroad. If work placements are completed outside Ireland and within the EU, grants are available through the EU Erasmus + programme.

## You might also be INTERESTED IN:

- ♦ Tourism Management - DT406 **Pg 78**
- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Event Management - DT413 **Pg 28**
- ♦ International Hospitality Management - DT401 **Pg 42**

# BAINISTIÚ TURASÓIREACHTA TOURISM MANAGEMENT

BA Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		O6/H7	O6/H7

## Other Requirements

A pass in any other language (including Irish) at O6/H7 or equivalent.

**Note:** A Language Exemption can be considered. Please submit the relevant paperwork directly and only to the Admissions Office, Dublin Institute of Technology, 143 – 149 Lower Rathmines Road, Dublin 6.

## What is... Tourism Management?

The BA in Tourism Management is a great start for those wishing to pursue a career in the vibrant, worldwide, travel and tourism industry. The programme creates a learning environment for students to develop sharp insights into management and tourism and how they are brought together successfully in tourism industries.

Tourism is one of the world's largest industries worldwide and it is forecasted as one of the fastest growing global sectors. Tourism in Ireland and worldwide is a promising sector and with this it creates unique and exciting career opportunities.

The programme is within the School of Hospitality Management and Tourism, a centre of excellence in Tourism Management, developed through its social, ethical and leadership competencies in this field.

## Learning Outcomes:

## What will I Study?

Tourism management focuses on the broad tourism industry and includes a professional internship, practical modules and academic subjects, while preparing students for leadership in this field. The programme combines academic knowledge with field trips, site visits, and practical work experience in the tourism industry.

A key focus of the programme is on applied management and business subjects, for example, accounting, information technology, human resource management, marketing and communications. These are complemented by more tourism, field specific subjects, such as tourism studies, sustainable tourism, tourism policy and planning, tourism service operations, and heritage, culture and tourism.

European languages are becoming ever-increasingly important in the world of work and therefore students also study one European language.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD



## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management and Tourism



01 402 7563 (Dr Geraldine Gorham)



01 402 4352 (Mary Dineen)



Geraldine.Gorham@dit.ie



tourism.hospitality@dit.ie



COURSE CODE:

**DT406**

COURSE LENGTH:

**3 YEARS**

APPROX:

**48 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**280**

## Module Listing

### Year One

**Semester 1:** Management • Computer Applications • Applied Communications • Languages • Marketing for the Hospitality, Tourism, Leisure & Event Industries • Tourism Studies

**Semester 2:** Applied Communications • Tourism Destinations • Human Resource Management • Languages • Heritage, Culture & Tourism • Economics for the Tourism, Hospitality & Leisure Sectors

### Year Two

**Semester 1:** Management • Sustainable Tourism • Accounting for Tourism • Languages • Options

#### Semester 2: Professional Internship

Erasmus & Professional Internship: A period of professional internship in the tourism industry is undertaken in this year, preceded by a tailored induction programme. The internship is arranged & supervised through the School of Hospitality Management & Tourism

### Year Three

**Semester 1:** Contemporary Tourism Issues • Tourism Services Operations • Management Accounting - Costing & Decision Making • eTourism • Options

**Semester 2:** Tourism Enterprise Development • Tourism Policy & Planning • Management Accounting - Planning & Control • Tourism Law • Options

## Internships / Work Placements

We want our graduates to be ready for the workplace upon completing their degree. Internships give students an edge when it comes to getting that job in the hospitality sector. Employers place huge value on first hand work experience on top of college education and we ensure that our students have both of these. These are unique networking opportunities to make contacts for careers in the future.

Each student completes an internship/placement in industry during the second semester of year 2 either in Ireland or abroad.

## What are my... Career Opportunities?

Graduate employment opportunities are available in Ireland and around the globe in this very diverse sector. We develop a range of key transferrable skills and competencies in students that can be applied in a range of fields. Graduates can also explore postgraduate education or even set up their own tourism business.

Just some of the areas of work include airlines, tourism operations and tourist information centres, travel and transport agents, tourism research and policy, visitor attraction management, government tourism agencies and consultancy.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates have found the BA programme an excellent foundation for continuing their studies to acquire a Level 8 BSc (Honours) in Tourism Management (DT406A) in DIT and other programmes at Honours Degree and Masters level.

## Are there study abroad options?

The BA Tourism Management offers the opportunity to undertake a work placement abroad. If work placements are completed outside Ireland and within the EU, they can be funded through the Erasmus Student programme.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
 9AM - 2PM 01.12-02.12

## You might also be INTERESTED IN:

- ♦ Tourism Marketing DT412 **Pg 66**
- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Event Management - DT413 **Pg 28**
- ♦ Hospitality Management - DT408 **Pg 74**
- ♦ Leisure Management - DT411 **Pg 76**

# MARSANTÚ FÍSIÚIL & TAISPEÁNTAS VISUAL MERCHANDISING & DISPLAY

BA Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Other Requirements
Subjects	Honours	
5		Applicants must submit a portfolio on March 5th or 6th 2018 Collection date for portfolios is March 9th 2018

## QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD	FIVE DISTINCTIONS and PORTFOLIO for minimum entry.
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## What is... Visual Merchandising & Display?

The BA (Ordinary) in Visual Merchandising and Display will prepare graduates for a career as Visual Merchandisers and Retail Display Designers in the Irish and international retail industry. Merchandising is a key element in any successful retail industry and this new programme will have a vital role to play in making sure that there is steady supply of suitably qualified graduates who can help Irish retail companies develop this aspect of their business.

### Learning Outcomes:

## What will I Study?

The graduates of this programme will demonstrate a mastery of the theory and strategies of visual merchandising, a practical competence in the skills relevant to retail display, an understanding of brand image and consumer behaviour and will be able to operate at a high level in the retail industry.



## Further Information

[www.dit.ie/creativearts](http://www.dit.ie/creativearts)

### Dublin School of Creative Arts



01 402 4138 (School Office)  
01 402 4297



[creativearts@dit.ie](mailto:creativearts@dit.ie)

COURSE CODE:  
**DT598**

COURSE LENGTH:  
**3 YEARS**

APPROX:  
**30 PLACES**

LOCATION:  
**GRANGEGORMAN**

POINTS 2017  
**494**  
(includes portfolio score)

## Module Listing

### Year One

Visual Merchandising & Homewares integrated with projects in 3-Dimensional Prop Work, Graphic Design Techniques, Drawing & Digital Presentation Techniques. Students are introduced to the theory of Visual Merchandising & receive an introduction to Fundamental Concepts of Communication Theory, Business Practice, the History of Retail & Fashion Design & Digital Presentation Techniques.

### Year Two

Students focus on Fashion Accessory Production & Fashion Styling combined with projects in Graphic Communications, 3-Dimensional Design, Drawing, Rendering & Digital Presentation Techniques. Students continue to take modules in the Theory of Visual Merchandising, Communications, Retail Business Practice & the History of Design.

### Year Three

Development & presentation of a major Self Directed Retail Industry Project. Students will take modules in Interior Design, Branding, Marketing & Digital Modelling while preparing a proposal for the major project through their work placement. The Major Project will be presented at the end of the year as an installation in a Retail Outlet.

## What are my... Career Opportunities?

Graduates of this programme will find employment in wholesale and retail outlets, exhibition firms, promotional and advertising agencies.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain prerequisites may have the opportunity to access honours degree programmes in DIT and elsewhere in Higher Education.

### Portfolio Clinics

There will be Portfolio Clinics on Thursday 23rd of November 2017 and then again on Thursday 8th of February 2018. For more details please consult the website.



## You might also be INTERESTED IN:

- ♦ Design - Visual Communication - DT545 [Pg 22](#)
- ♦ Contemporary Visual Culture - DT533 [Pg 12](#)
- ♦ Interior Design - DT544 [Pg 38](#)
- ♦ Creative & Cultural Industries - DT597 [Pg 14](#)

# EALAÍONA CÓCAIREACHTA (CLEAGHTAS GAIRMIÚIL CÓCAIREACHTA)

## CULINARY ARTS (PROFESSIONAL CULINARY PRACTICE)

Ardteastas - Leibhéal 6 / Higher Certificate - Level 6

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD

## What is... Culinary Arts?

This unique program integrates the theoretical and practical performance elements of culinary arts education to provide participants with the knowledge, skills and understanding to enable them to build successful careers in today's fast growing, ever changing culinary arts, hospitality and food industries.

### Learning Outcomes:

## What will I Study?

The programme is of two years duration and includes a period of industry work experience. The programme is built around three core areas of the culinary arts disciplines namely:

- ♦ Culinary Arts Performance
- ♦ Culinary Science
- ♦ Management, Languages and Information Technology

Core culinary modules such as kitchen & larder, pastry and wine studies are married with modules in gastronomy, aesthetics, nutrition, culinary science, culinary information systems, languages and business studies.

The programme is offered in a modular format: On the successful completion of year one and two, graduates are awarded a Higher Certificate in Culinary Arts (Professional Culinary Practice).



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4430 (Mr. John Clancy, Programme Chair)



01 402 4344/4340 (School Office)



[scaft@dit.ie](mailto:scaft@dit.ie)



[john.clancy@dit.ie](mailto:john.clancy@dit.ie)



COURSE CODE:

**DT432**

COURSE LENGTH:

2 YEARS

APPROX:

64 PLACES

LOCATION:

CATHAL BRUGHA ST

POINTS 2017

**252**

## Module Listing

### Year One

Kitchen & Larder • Pastry • Practical Larder Work • Food Theory • Food Safety • Culinary & Menu Wine Terms • Culinary Information Systems • Food & Beverage Studies • Introduction to Culinary Science • Internship

### Year Two

Kitchen & Larder • Gastronomy • Food Costing • Food & Beverage Service • Nutrition Food Production & Presentation • Culinary Major (Hot Kitchen) • Wine Studies • Introduction to Marketing • Culinary Major - Larder or Pastry (subject to availability & demand) • Culinary Operations Management

## What are my... Career Opportunities?

Graduates may expect to develop careers as qualified professionals in the culinary, foodservice and hospitality industries (including hotels, restaurants, industrial catering, food retail outlets, licensed trade, cruise liners and other food related industries) and advance towards positions as fully qualified chefs and catering supervisors / managers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students successfully completing this programme will be eligible to apply for consideration to transfer to the BA in Culinary Arts, the BSc in Culinary Entrepreneurship and similar programmes in DIT and elsewhere in Higher Education.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12



## You might also be INTERESTED IN:

- ♦ Culinary Arts - DT407 **Pg 16**
- ♦ Culinary Entrepreneurship - DT416 **Pg 18**
- ♦ Baking & Pastry Arts Management - DT418 **Pg 72**
- ♦ Food Sales & Culinary Practice - DT404 **Pg 84**

# DÍOLACHÁIN BHIA & CLEACHTAS CÓCAIREACHTA

## FOOD SALES & CULINARY PRACTICE

Ardteastas - Leibhéal 6 / Higher Certificate - Level 6

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

Any AWARD

## What is... Food Sales & Culinary Practice?

The Higher Certificate in Food Sales and Culinary Practice is a two year full-time programme that incorporates food retail business and culinary/kitchen practical classes that facilitate the development of knowledge and skills required to work in the retail food industry. The programme embraces food sales and culinary practice, food innovation development and practical culinary modules that are focused on products found in food retail and delicatessen outlets. The programme also embraces food retail marketing and customer care modules that promote enterprise development leading to future business creations. The dynamic and competitive nature of the retail food industry requires management skills that combine professional, entrepreneurial and strategic approaches.

Against this background, this programme builds on the strong links between retail culinary practice and food business and will provide students with the opportunity to work in the dynamic food and beverage related industries.

### Learning Outcomes:

## What will I Study?

This programme is designed primarily to enable students to become competent professionals who are capable of demonstrating abilities in the selection, combination, preparation, cooking and presentation and service of food in a wide variety of food retail settings. Primarily such food retailing and culinary operations settings would be retail delicatessen, catering premises, supermarkets and the wider food retail distribution industry. The curriculum is designed to meet the needs of these industries and includes the three domains of knowledge, practice and individual student needs. All three domains are incorporated across the programmes modules.

The Higher Certificate is structured on three core areas of the culinary arts disciplines, namely:

- ♦ Culinary food retailing practice in the retail & wider food distribution industry
- ♦ Culinary Arts Science including: health, nutrition, food safety & technology
- ♦ Management, marketing, finance, the business of food retailing



## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

### School of Culinary Arts & Food Technology



01 402 4520 (Mr. James McCauley, Programme Chair)



01 402 4344 (School Office)



[james.mccauley@dit.ie](mailto:james.mccauley@dit.ie)



[scaft@dit.ie](mailto:scaft@dit.ie)

## Module Listing

### Year One

Introductory Nutrition • Communications • Culinary Science  
- Food Safety • Management Principles • Food Commodities  
• Retail Food - Foundation Kitchen Skills • Retail Beverage  
Operations • Retail Food Cost Control & Finance • Introduction  
to Marketing • Catering Systems & Administration • Applied  
Communications & Customer Care Management • Retail Food -  
Retail Deli Counter Kitchen Skills

### Year Two

Human Resource Management • Culinary Information  
Systems • Product Theory • Meat Technology • Occupational  
Health & Safety • Retail Food - Commercial Restaurant/Cafe  
Operations in Culinary Retail • Retail Beverage Operations  
• Introduction to Legal Studies for Licenced Premises •  
Enterprise Development • Applied Retail Food Marketing •  
Retail Food - Retail Bakery & Delicatessen Breads, Cakes &  
Desserts

## What are my... Career Opportunities?

This programme recognises the complex nature of the retail culinary, general food, beverages and related industries. It thereby affords graduates the opportunity to avail of a wide range of careers. The educational model used seeks to maximise the potential of each participating student.

Many career paths are open to graduates including: culinary retail management; food promotion in the retail sector; event catering and beverage retail management, food distribution (imports and exports) and entrepreneurship. In addition, graduates may progress to a variety of graduate degree programmes in a range of related disciplines.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have successfully completed the programme may have access to a range of Degrees in DIT and elsewhere in Higher Education. The BSc in Culinary Entrepreneurship may be of particular interest to graduates of this programme.



## You might also be INTERESTED IN:

- ♦ Culinary Arts - DT407 **Pg 16**
- ♦ Culinary Entrepreneurship - DT416 **Pg 18**
- ♦ Culinary Arts (Professional Culinary Practice) - DT432 **Pg 82**
- ♦ Baking & Pastry Arts Management - DT418 **Pg 72**



# BONNCHLÁR ROCHTANA

## ACCESS FOUNDATION PROGRAMME

Bonnteastas - Leibhéal 6 / Foundation Certificate - Level 6

The programme is free.

### ENTRY REQUIREMENTS:

This programme is designed specifically for applicants who have experienced socio-economic disadvantage and/or educational disadvantage. Each candidate is screened at the short-listing stage to determine eligibility for the programme. For a full list of eligibility criteria please contact bobby.maher@dit.ie or access@dit.ie

### What is... Access Foundation Programme?

The Access Foundation Programme is a one year full-time preparation for higher education programmes at DIT. The programme prepares students personally and academically to pursue undergraduate programmes at DIT. It is a multi-disciplinary programme preparing students for entry into programmes in Science, Engineering, Business and Applied Arts. Students who have successfully completed the programme are guaranteed an offer of one of their DIT CAO undergraduate course choices.

### Why was the Access Foundation Programme set up & who is it for?

The programme forms part of DIT's commitment to extending access to education to people and groups from areas and communities where there has not been a strong tradition of participation in third level education. The course is of particular benefit to adults who have been out of education for a long time, or who did not complete a Leaving Certificate in the past. In addition we welcome applications from people whose skills no longer allow them to access the labour market.

### Learning Outcomes:

### What will I Study?

Students take six compulsory modules (subjects) and four option modules (2 each semester) from a menu of modules in areas such as science, engineering, business, social science, art and computing. Through participation students will develop the skills necessary to undertake an undergraduate qualification at DIT. They will become familiar with subject areas across the various Colleges within DIT and learn how to research and write academic work, improve their communication and information technology skills.



### Further Information

[www.dit.ie/ace](http://www.dit.ie/ace)

### Access & Civic Engagement

- 01 402 7611 / 087 2904609 (Bobby Maher - Programme Co-ordinator)
- bobby.maher@dit.ie
- Access@dit.ie



COURSE CODE:

**DT6522**

COURSE LENGTH:

**1 YEAR**

APPROX:

**150 PLACES**

LOCATION:

**MOUNTJOY SQUARE**

POINTS 2017

**DIRECT ENTRY**

## Module Listing

### Year One

**Semester 1: Core Modules (compulsory):** Introduction to Higher Education • Applied Writing • Communications • Study Skills • Information Technology • Mathematics  
**Optional Modules (choose 2):** Introduction to Humanities • Introduction to Social Science • Introduction to Marketing • Introduction to Financial Accounting • Computer Science Fundamentals (Networking Technologies) • Engineering (Electronic & Electrical) • Introduction to Chemistry • Fundamental Physics • Human Biology • Art Portfolio Preparation

**Semester 2: Core Modules (compulsory):** Introduction to Higher Education • Applied Writing • Communications • Research Skills • Information Technology • Mathematics  
**Optional Modules (choose 2):** Approaches to Humanities • Applied Social Science • Introduction to Management • Introduction to Economics • Computer Science Fundamentals (Programming) • Cultural Tourism • Applied Chemistry • Applied Physics • Cell Biology & Genetics • Art Portfolio Preparation • Mechanical Engineering

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## How do... students progress into undergraduate programmes?

Students who have successfully completed the programme are guaranteed an offer of one of their DIT CAO undergraduate course choices.

## How to...apply for a place?

Applications are made directly to DIT by way of a paper application form. The deadline for applications will be announced in due course. Interested applicants may request to be put on the programme mailing list. Contact [bobby.maher@dit.ie](mailto:bobby.maher@dit.ie)

## Am I... suitable/ready for the programme? (Academic suitability)

Candidates are assessed for their academic suitability for the programme. The following are considered:

1. Educational experience and qualifications. Particular emphasis is paid to educational experiences over the last 5 years. Applicants should detail all relevant educational experiences including secondary school qualifications, experience of further adult education and training, as well informal education or non-certified courses. A copy of qualifications and certificates must be included.
2. Work experience. Candidates should detail their work experience.
3. Volunteering experience. Candidates should detail their volunteering experience.
4. Essay. Candidates are required to submit a handwritten essay.

## Fees & Grants

The Access Foundation Programme is free for participants. Students on the programme are not eligible for the SUSI grant. Students in receipt of a qualifying social welfare payment may be eligible for the Back to Education Allowance.

## Application process

Applicants apply directly to the DIT by way of a paper application form. Applicants are screened for eligibility and suitability. Applicants successful at this stage are called for interview. Offers are made to candidates based on the application form and interview.

# BAINISTÍOCHT FÁILTEACHAIS

# HOSPITALITY MANAGEMENT

HDip Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Minimum ordinary degree (level 7 – NFQ) or honours degree (level 8 – NFQ) in a different discipline or equivalent. Students will be selected on the basis of their academic results. Final selection may involve an interview.

## What is... Higher Diploma in Hospitality Management?

This one-year conversion programme provides an opportunity for students who have successfully completed an ordinary degree (level 7 – NFQ) or honours degree (level 8 – NFQ) in a different discipline to attain an honours degree (level 8 – NFQ) equivalent in a further single year of studies. The individual modules run in conjunction with existing modules on our degree programmes. The offering of the Higher Diploma in Hospitality Management programme further develops the learners' key skills, their strategic ability and introduces learners to the hospitality management discipline. The three-month industry placement forms an integral part of this programme.

### Learning Outcomes:

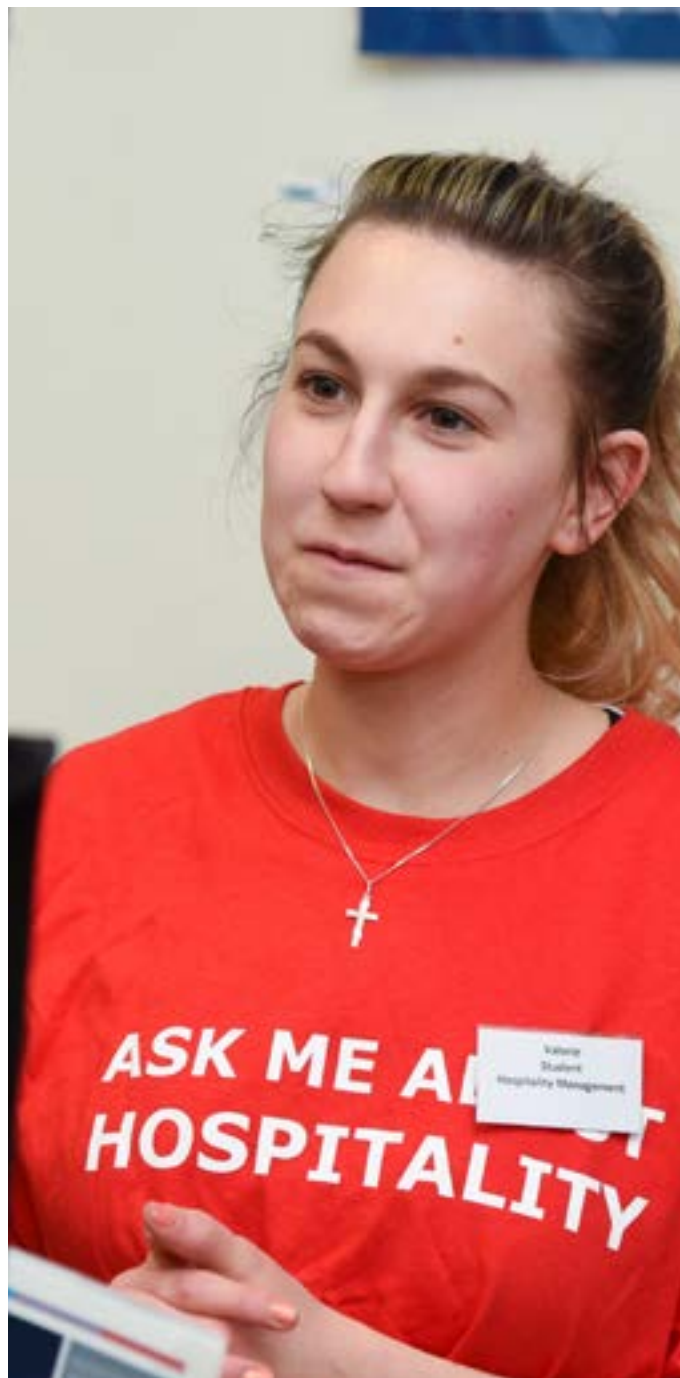
## What will I Study?

The Higher Diploma programme provides a learning environment which builds upon the learning obtained as part of a degree in another discipline and encourages a theoretical approach and a practical ethos.

It provides a programme of study that enhances relationships with industry and the school as a centre of excellence in the hospitality, hotel and restaurant management area and it encourages social, ethical and leadership competencies in this field.

It is this combination of higher learning outcomes that warrants a Higher Diploma award at honours degree level. This higher level of learning can be displayed by acquiring and utilising the additional cognitive skills of evaluation and synthesis which will be ensured by the modules offered.

Both semesters provide core modules in strategic management, entrepreneurship, research methods, marketing strategy and strategic human resources. These modules are enhanced through the provision of optional modules in both terms. All students complete a dissertation during their studies.



## Further Information

[www.dit.ie/hospitality](http://www.dit.ie/hospitality)

### School of Hospitality Management & Tourism



01 402 4372 (Dr. Ralf Burbach)



[ralf.burbach@dit.ie](mailto:ralf.burbach@dit.ie)

COURSE CODE:

**DT8409**

COURSE LENGTH:

**1 YEAR**

APPROX:

**25 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year One

**Semester 1:** Operations Management in Food & Beverage

- Revenue Management for the Hospitality Industry
- Conference Management • International Hospitality Management • Hospitality Law

**Semester 2:** Front Office Management • Event Management

- Strategic Management Seminars • Work-based learning & Placement

## What are my... Career Opportunities?

This programme is designed to enable graduates to gain employment in challenging positions within the hotel and restaurant sector with varying degrees of responsibility. Graduates can expect to find employment in management positions in the world's finest hotels, bars, restaurants, resorts and also overseeing special events and business conventions. There are also graduate opportunities in consultancy, research and further education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**



## You might also be INTERESTED IN:

- ♦ International Hospitality Management - DT401 **Pg 42**
- ♦ Tourism Marketing – DT412 **Pg 68**
- ♦ Event Management - DT413 **Pg 28**
- ♦ Leisure Management – DT411H **Pg 52**
- ♦ Tourism Management – DT406A **Pg 66**

# BUSINESS

**“IRELAND’S LARGEST  
BUSINESS SCHOOL PROVIDING  
BUSINESS EDUCATION FOR  
THE GLOBAL ECONOMY”**





## HONOURS DEGREES - LEVEL 8

	CODE	Pg No.
Accounting & Finance	DT366	92
Business Analytics	DT302	94
Business & Law	DT321	96
Business & Management	DT365	98
Business Computing	DT354	100
Business Studies	DT364	102
E-Commerce in Retailing	DT304	104
Economics & Finance	DT399	106
Human Resource Management	DT398	108
International Business & Languages (Chinese/French/German/Irish/Italian/Spanish)	DT555	110
Logistics & Supply Chain Management	DT358	112
Marketing	DT341	114
Retail & Services Management	DT343	116

## HIGHER CERTIFICATES - LEVEL 6

Business Management	DT324	118
Business Studies	DT315	120
Marketing	DT303	122
Retail Management & Marketing	DT360	124

# CUNTASAÍOCHT & AIRGEADAS

## ACCOUNTING & FINANCE

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	3H5's	04/H7	04/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Accounting & Finance?

This programme provides an ideal route to a career in professional accountancy and to a training contract with an accounting practice. Graduates may also pursue careers in areas such as fund management, financial services, financial analysis, corporate finance and money markets.

NOTE: Students may opt to spend year 3 studying abroad. Students who avail of this opportunity will complete their degree over a four year period and will be awarded the BSc Accounting & Finance (International) qualification.

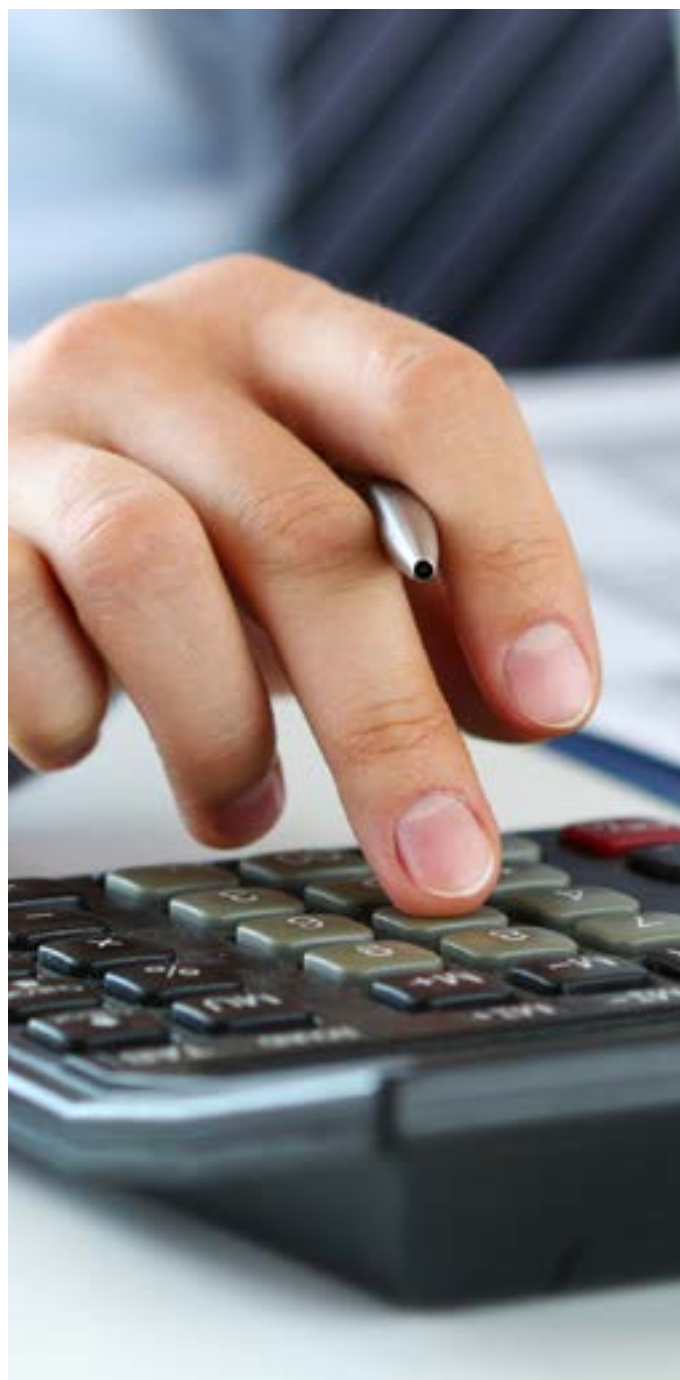
### Learning Outcomes:

## What will I study?

This Degree programme allows students to develop a thorough understanding of the fundamentals (both technical and theoretical) of accounting and finance and provides graduates with a sound foundation for further professional studies in these fields. Students' capacity to engage in critical analysis, apply concepts to practice, engage in independent research, contribute to team work and communicate clearly are developed through the use of a wide range of learning and teaching approaches including problem solving, case studies, projects, preparation of academic papers, group work and formal lectures with tutorial support.

In allowing students to select modules from a range of subjects in the second and third/fourth years of their studies, the programme enables students to specialise in their chosen field.

Some students may choose to focus on Accountancy related modules in order to secure the generous exemptions awarded by professional accountancy bodies (including Chartered Accountants Ireland and ACCA) to graduates of this Programme. Other students, who are interested in pursuing a career in Finance, may opt for modules from the Programme's comprehensive range of Finance, Econometrics and International Finance modules. Students also have the option of studying a mix of Accounting and Finance modules.



## Further Information

[www.dit.ie/accountingandfinance](http://www.dit.ie/accountingandfinance)

### School of Accounting & Finance



01 402 4068 (Evelyn Murphy)



[evelyn.murphy@dit.ie](mailto:evelyn.murphy@dit.ie)

COURSE CODE:

**DT366**

COURSE LENGTH:

**3/4 YEARS**

APPROX:

**50 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**444**

## Module Listing



### Year One

Accounting • Business Finance • Communication & Personal Development • Economics • Information Systems • Managing the Organisation • Quantitative Analysis

### Year Two

**Core modules:** Business Finance • Business Law • Financial Reporting • Macroeconomics • Management Accounting • Management Science

**Elective Modules:** EU Framework • Maths for Finance & Economics • Business Information Systems

### Year Three

**Optional year abroad in a partner Institution**

### Year Three/Four

**Students take two core modules:** Corporate Finance • Critical Analysis in Accounting & Finance

**And four modules from the following list:** Advanced Financial Reporting • Auditing • Corporate Finance • Derivatives • Financial Econometrics • Financial Institutions & Services • International Finance & Monetary Economics • Management Control & Decision Making • Strategic Management • Taxation

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

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**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

This Honours Degree programme is appropriate to those who wish to pursue careers as professionally qualified accountants. It confers significant exemptions from the examinations of the professional accountancy bodies. In addition, the programme provides an ideal entry qualification for a range of careers in financial services, the money markets and banking.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?



Students may opt to spend year 3 studying abroad in LOCATION: such as the United States, Canada, Australia or Northern Europe, through English. Students who avail of this opportunity will complete their degree over a four year period and will be awarded the BSc Accounting & Finance (International) qualification.

## What our Students say!

- The Programme content is excellent. Having a choice in second and third year is great. Exemptions from professional accountancy bodies are as good if not better than anywhere in Ireland.
- There are many facilities including medical services, counselling, career advice, etc, which are available to me should I need them. I also like that DIT is a city based college and easy accessible. I don't feel so isolated like being in a college in the middle of nowhere.
- I love DIT, because the building, facilities, JAVA CITY, DITSU, the lecturers are all very good, and students are friendly and kind. The Programmes are interesting.
- This programme is an excellent grounding for further study both in Finance and Accounting.

## You might also be INTERESTED IN:

- ♦ Economics & Finance - DT399 Pg 106
- ♦ Business Studies - DT315 Pg 120

# ANAILÍSÍOCHT GHNÓ

## BUSINESS ANALYTICS

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	H5	06/H7

## What is... Business Analytics?

"Business Analytics" is about the conversion of business data into valuable information through the use of statistical techniques and advanced software. Combining such analysis with intuition can provide insights to businesses and public sector organisations for the achievement of their respective objectives. "Big Data" refers to the storage and analysis of datasets that are so large and complex that they become difficult to process through standard database management tools. Big Data is associated with the massive amounts of data that are now being generated in business and in other fields, often in real time, through for example: information sensing mobile devices, radio frequency identification readers and wireless sensor networks.

### Learning Outcomes:

## What will I Study?

This programme provides a strong foundation in empirical Business Analytics grounded in theory and applied in practice. The aim of the programme is to produce a professional capable of providing the business analytics expertise required by organisations to strengthen their strategic decision making processes and to produce a graduate with interpersonal and leadership qualities, underpinned by sound technical and business knowledge by using a range of learning approaches throughout the programme.

Technical skills include a high level of proficiency in Software Development & Programming, Database Systems, Quantitative and Statistical Analysis and Business Intelligence. Communication Skills, Project Management and Work Placement all enhance the individual's personal development, while Sales/Marketing, Strategic Information Systems and Principles of Management provide a framework for workplace effectiveness.



## Further Information

[www.dit.ie/management](http://www.dit.ie/management)

### School of Management



01 402 7106 (Dr Hugh O' Donnell, Head of Dept)



01 402 3031 (School Office)



[hugh.odonnell@dit.ie](mailto:hugh.odonnell@dit.ie)



[aideen.obyrne@dit.ie](mailto:aideen.obyrne@dit.ie)



## Module Listing

### Year One

Statistics ● Introduction to OO Programming ● Quantitative Methods ● Principles of Management ● Technology Fundamentals ● Principles of Marketing ● Linear Algebra ● Communications & Teamwork ● Database Systems ● Supply Chain Management

### Year Two

Simulation for Business Analytics ● Time Series Analysis ● Marketing Research ● Algorithms & Data Structures ● Enterprise Database Systems ● Project Management ● Big Data Concepts

### Year Three

NoSQL Database Systems ● Dynamic Programming Languages (Python) ● Intelligent Systems ● Statistical Programming ● Business Decision Making ● Business Intelligence ● Work Placement

### Year Four

Intelligent Systems ● Spatial Analysis ● Software Development for Data Acquisition ● Development Frameworks for Big Data ● Strategic Information Systems ● Retail/Supply Chain Analytics ● Marketing Analytics ● Healthcare Analytics ● Final Year Project

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Placement/Internship

Work placement is an integral part of the programme. All students are encouraged to participate in a work placement in year 3 of the programme.

## What are my... Career Opportunities?

In 2014 the Expert Group on Future Skills Needs (EGFSN) published 2 reports "Assessing the Demand for Big data and Analytics Skills, 2013-2020" and "An Assessment of the Current and Planned Domestic Supply of Big Data/Data Analytics Skills in Ireland". They predicted that 21,000 potential job vacancies could arise from expansion and replacement demand up to 2020. This gross figure was further divided into 3,630 roles which they describe as 'deep analytical roles', and 17,470 'big data savvy' roles. This demand is in addition to the 8,780 support roles previously identified in their 2013 report "Addressing Future Demand for High-Level ICT Skills".

It is estimated that data collected and generated by companies and governments is growing by approximately 40% per year. Global companies that leverage this data smartly have created significant value; estimates suggest c.4% higher productivity, c.6% higher profitability, and up to 50% greater market share. It is also estimated that within the European public sector, there is \$250 billion annual value in correctly applying new data technologies to government functions. In the US alone, it is estimated that there will be unmet demand in 5 to 10 years of 140,000 – 190,000 analysts and 1.5 million data-savvy managers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who acquire the appropriate level can access a range of postgraduate programmes in DIT and elsewhere.

## Are there study abroad options?

Students are encouraged to take one semester abroad in year 3 as part of DIT's extensive international exchange programme.

## You might also be INTERESTED IN:

- ♦ Business Computing – DT354 **Pg 100**
- ♦ Business Studies - DT315 **Pg 120**
- ♦ Business Management - DT324 **Pg 118**
- ♦ Marketing - DT303 **Pg 122**
- ♦ Retail Management & Marketing - DT360 **Pg 124**

# GNÓ & DLÍ

## BUSINESS & LAW

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	3H5's	04/H7	04/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Business & Law?

The aim of the programme is to develop a high level of intellectual awareness and technical competence in Business and Law.

Students will develop their abilities to communicate and work more effectively with legal counsel to solve complex problems and to leverage such "legal astuteness" as a dynamic capability and as a source of competitive advantage.

This combined programme in Business and Law was established further to industry recommendation and advice that graduates with such a combination of skills i.e. business acumen and legal knowledge would be invaluable in the contemporary graduate labour market.

### Learning Outcomes:

## What will I Study?

Graduates of the programme will:

- ♦ Develop a thorough understanding of the fundamental theoretical issues in Business and Law and their relevance to practice
- ♦ Develop the ability for independent and critical thinking through analysis, synthesis and evaluation of information, leading to solutions and recommended actions
- ♦ Develop the ability to apply theoretical understanding to observed information so as to define, analyse and provide solutions to issues in Business and Law
- ♦ Develop the ability to communicate clearly and concisely
- ♦ Possess the skills to promote understanding of the role and responsibilities of individuals and institutions in the business and legal sectors of the economy and to create an awareness of the continuing developmental nature of practice in business and law and the requirement for continued study and research of issues relevant to these areas
- ♦ Have gained an appropriate academic foundation for further professional studies in the area of Business Management and /or Law
- ♦ Will have an informed basis for the selection of future career paths
- ♦ Will be in a position to build on the firm relations which have been formed with professional institutions and associations



## Further Information

[www.dit.ie/business](http://www.dit.ie/business)

### College of Business



01 402 7151 (Etain Kidney)



[Etain.Kidney@dit.ie](mailto:Etain.Kidney@dit.ie)

COURSE CODE:

**DT321**

COURSE LENGTH:

**4 YEARS**

APPROX:

**30 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**456**

## Module Listing

### Year One & Two

Students take a mix of law and business modules in Year 1 (6 core modules) and Year 2 (7 core modules). These 13 modules include ● Contract law ● Company Law ● Law of Tort ● Accounting ● Economics ● Management

### Year Three & Four

Students select 5 core modules and select 2 out of 11 options in Year 3, and 2 core modules and between 4 and 7 options (depending on module ECTS weightings) out of 26 options in Year 4. This very extensive range of options provides the students with the opportunity to select options most closely aligned to their preferred career path.

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## What our Students say!

- The combination of Business and Law is fantastic.
- The range of choice is great ... with option of majoring in business or in law in Years 3 and 4.
- We share classes with students on the BSc Business and Management programme (DT365). So we have our own identity but also have links to the biggest business programme in the College.
- Having the option to study Year 3 abroad is great.

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**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Business & Management - DT365 Pg 98
- ♦ Law - DT532 Pg 50

## What are my... Career Opportunities?

The combination of Business and Law offers students the opportunity to develop a skill set that is likely to be of considerable utility and, furthermore, to be highly marketable in a wide variety of workplaces. Students completing this course will be strongly positioned to compete for graduate positions in Management, Insurance, Banking, Human Resources, Finance, and regulatory roles. Students will also be well positioned to progress to further studies in the disciplines of Business, Law, Accounting and Management.

Graduates of this Programme will be prepared to complete examinations for entry to the Law Society of Ireland and the Honourable Society of King's Inns.

DT321 is recognised and accredited by the Association of Chartered Certified Accountants (ACCA) and the Chartered Institute of Management Accountants (CIMA). Recognition and accreditation from the Chartered Accountants Ireland (CAI) is pending.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates can access postgraduate Programmes in Accounting, Criminology, Economics, Finance, International Business, Business & Entrepreneurship, Marketing, Retail Management, Sustainable Development and Strategic Management within the DIT, and similar opportunities elsewhere in Ireland or internationally.

## Are there study abroad options?

Yes. Students can elect to complete Year 3 in one of the programme's c. 50 international partner universities in a wide range of countries - Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Holland, Italy, Spain Sweden and Switzerland. Places are also available in Argentina, Australia, Canada, South Korea and the United States.



# GNÓ & BAINISTÍOCHT BUSINESS & MANAGEMENT

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	3H5's	04/H7	04/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Business & Management?

This programme will develop the knowledge and skills - technical, analytical, conceptual, interpersonal and intrapersonal - necessary for a successful business career. Leading edge business thinking is addressed throughout in the context of best contemporary practice.

There is a particular concern to ensure students understand the different dynamics of the modern business world through the use of the most recent and relevant tools in management practice.

To facilitate this, a diverse range of learning experiences are utilised including formal lectures with tutorial support, business case study analysis - including the opportunity to participate in national and international case study competitions - debates, role plays, industry project work, charity events, networking events and in-company internship.

### Learning Outcomes:

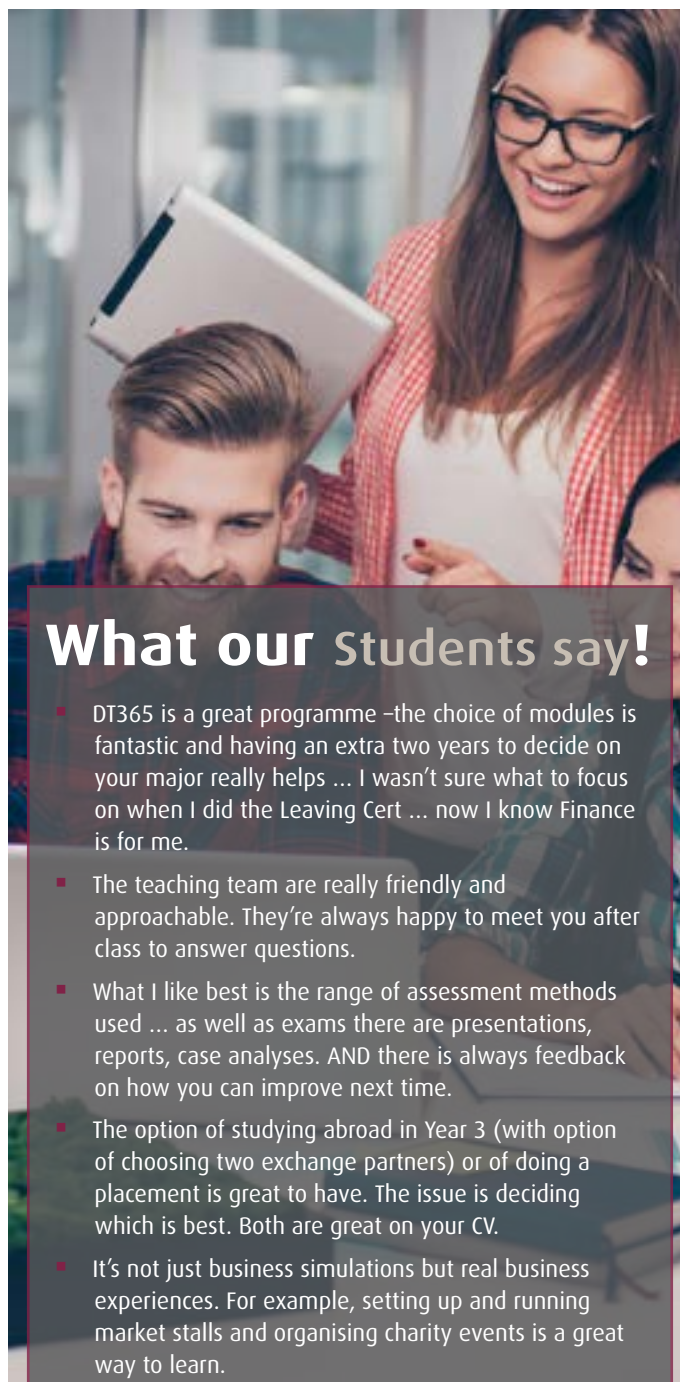
## What will I Study?

The programme comprises a B.Comm. type framework with selection of major decided in Year 3 and has been deliberately structured in this way in recognition of the challenge Leaving Certificate students face in deciding on a specific business career path.

Students have the option of completing a 16-20 week **paid work placement** in Year 3 or of studying abroad in one of the programme's 50 partner universities.

Placement Partners include leading companies in all the key business sectors including Financial Services, Pharmaceutical, Retail, Information and Communications Technologies and Consultancy.

The content and structure of the programme constantly evolves in order to respond to industry requirements and new developments in business and management practice.



## What our Students say!

- DT365 is a great programme –the choice of modules is fantastic and having an extra two years to decide on your major really helps ... I wasn't sure what to focus on when I did the Leaving Cert ... now I know Finance is for me.
- The teaching team are really friendly and approachable. They're always happy to meet you after class to answer questions.
- What I like best is the range of assessment methods used ... as well as exams there are presentations, reports, case analyses. AND there is always feedback on how you can improve next time.
- The option of studying abroad in Year 3 (with option of choosing two exchange partners) or of doing a placement is great to have. The issue is deciding which is best. Both are great on your CV.
- It's not just business simulations but real business experiences. For example, setting up and running market stalls and organising charity events is a great way to learn.

## Further Information

[www.dit.ie/business](http://www.dit.ie/business)

### College of Business



01 402 7151 (Etain Kidney)



[Etain.Kidney@dit.ie](mailto:Etain.Kidney@dit.ie)



COURSE CODE:

**DT365**

COURSE LENGTH:

**4 YEARS**

APPROX:

**140 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**444**

## Module Listing



### Year One & Two

Year 1 & 2 modules cover the typical core business and management disciplines and are designed to provide a foundation for more in-depth study in Years 3 & 4. Students take 8 core modules in Year 1 and 7 core modules + 1 optional module (either EU Integration or Finance & Economics) in Year 2.

### Year Three & Four

There is a strong core of management and strategy studies with a wide range of options ... allowing students the opportunity to focus on their preferred discipline or to follow a more eclectic choice if they wish. Students select 4 core modules and select 2 out of 8 option modules in Year 3 and 1 core module and between 5 and 10 option modules in Year 4 (depending on module ECTS weightings) out of 25 options. This very extensive range of options provides the students with the opportunity to select options most closely aligned to their preferred career path.

Students can choose to specialise in one or a combination of six "majors": Accounting ● Enterprise ● Human Resource Management ● Finance ● Marketing ● Supply Chain Management

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Paid Placement/Internship

Students can avail of a 16-20 week placement in the third year of the course. The student will have an opportunity to acquire relevant, real world experience in a business setting. Placement partners include leading companies in all the key business sectors.

## What are my... Career Opportunities?

Graduates of the programme will have an exciting variety of career options in general management and its specialised management functions. Research with current students and analysis of graduate placement data identify career paths are in the following areas:

Accounting & Finance, Financial Services including in Banking, Money Markets and the Stock Exchange, HRM, Enterprise including the option of starting one's own business, Logistics and Supply Chain Management, Management, Management Consultancy and Marketing.

DT365 is recognised and accredited by the Association of Chartered Certified Accountants (ACCA), the Chartered Accountants Ireland (CAI), the Chartered Institute of Management Accountants (CIMA), the Institute of Chartered Secretaries and Administrators (ICSA), the Irish Taxation Institute (ITI) and the Teaching Council of Ireland (TCI). The latter recognition qualifies graduates for entry onto PME (Professional Master of Education) courses and subsequent careers in the teaching profession.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates who have attained the required honours standard are eligible for postgraduate study in all third level institutions in and outside Ireland. Popular Masters disciplines include Accounting, Education, Finance, HRM, International Business, Management Consultancy, Public Relations and Strategic Management.

## Are there study abroad options?

Students may elect to study Year 3 abroad in Denmark, France, Germany, Sweden, Switzerland, The Czech Republic and The Netherlands. Places are also available in Australia, Argentina, Canada, Egypt, Mexico, South Korea, the United States, Austria, Belgium, Denmark, Finland, Italy and Spain.

Typically c. 20-25% of students choose to study abroad. Allocation of places is based on module results.

## You might also be INTERESTED IN:

- ♦ Business & Law - DT321 Pg 96
- ♦ Business Studies - DT315 Pg 120
- ♦ Business Management - DT324 Pg 118
- ♦ Marketing - DT303 Pg 122
- ♦ Retail Management & Marketing - DT360 Pg 124

# RÍOMHAIREACHT GHNÓ BUSINESS COMPUTING

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Business Computing?

The programme combines computer studies, particularly software development with business modules. The computing part of the programme comprises 70% of the content and is studied from a business perspective rather than a purely technical perspective. The objective is to develop a skilled IT professional with strong software and related skills and a good knowledge of how businesses function.

### Learning Outcomes:

## What will I Study?

Graduates of this programme will have a combination of technical, business and interpersonal skills that are generally understood as being important to industry, and are in constant demand by employers. The technical skills include a high level of proficiency in Object-Oriented Software Development through Java and Ruby. Interpersonal Skills, Communication Skills, Project Management and Work Placement all develop the individual's personal effectiveness in the workplace while Business and Information Systems topics provide a framework for workplace effectiveness.

## What our Students say!

- “This mixed degree in Business Computing allows for technical and business skills to be developed and strengthened. This is the unique selling point for students of this course as it gives these students an advantage to sole business students or sole technology focused students as we can bring the technical skills with business solutions. Team Work and Communication skills are a continually assessed which developed my skills and improved my confidence. These skills are required for all jobs so it is an essential skill which is developed on this course. Finally, the placement allows for real experience to be gained prior to finishing college. Overall, I would highly recommend this course as it creates a window of opportunities by have both business and technology skills in a growing IT sector.”



## Further Information

[www.dit.ie/management](http://www.dit.ie/management)

### School of Management



01 402 7106 (Dr. Hugh O'Donnell, Head of Dept)



01 402 3031 (Aideen O'Byrne, School Administrator)



[DT354-info@dit.ie](mailto:DT354-info@dit.ie)



[aideen.obyrne@dit.ie](mailto:aideen.obyrne@dit.ie)

## Module Listing

### Year One

Financial Accounting • Intro to Computing & Multimedia  
• Management • Networks • Object Oriented Software  
Development • Problem Solving & Software Design •  
Quantitative Methods • Statistics

### Year Two

Algorithms & Data Structures • Databases • Finance •  
Management Accounting • Object Oriented Software  
Development • Organisational Behaviour • Supply Chain  
Management • Supply Chain Methods • Statistics

### Year Three

Business Modelling • Dynamic Programming Languages •  
Enterprise Database Systems • Management of Information  
Systems • Project Management • Web Development • Work  
Placement / Erasmus Exchange

### Year Four

Distributed Systems • Mobile Application Development •  
Software Patterns • Software Quality Assurance • Strategic  
Information Systems • Strategic Management • Final Year  
Project

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Placement/Internship

Students can avail of a placement in the third year of the course. The student will have an opportunity to acquire relevant, real world experience in a business setting. Placement partners include leading companies in all the key business sectors. This placement is usually paid.

## What are my... Career Opportunities?

The BSc Business Computing opens up a wide range of career opportunities in software or more general IT roles. These in turn can lead to career opportunities in IT or more general project management as well as a wide range of technical roles. Career possibilities include, but are not limited to the following:

- ♦ Chief Information Officer
- ♦ IT Manager
- ♦ Business Development Manager
- ♦ IT Architect
- ♦ Information Systems Consultant
- ♦ Business Process Analyst

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level can access a wide range of Postgraduate courses in DIT and elsewhere. Graduates have registered on business as well as technical Masters Degrees, highlighting the dual career paths available.

## Are there study abroad options?

Students are encouraged to take one semester abroad in year 3 as part of DIT's extensive international exchange programme.

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**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Business Analytics - DT302 **Pg 94**
- ♦ Business Studies - DT315 **Pg 120**
- ♦ Business Management - DT324 **Pg 118**
- ♦ Marketing - DT303 **Pg 122**
- ♦ Retail Management & Marketing - DT360 **Pg 124**
- ♦ Computer Science - DT228 **Pg 206**

# STAIDÉAR GNÓ

## BUSINESS STUDIES

BBS Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Successful Completion of QQI Level 7 award or Level 6 award( with Merit) or Equivalent

## What is...Business Studies?

This Level 8 Honours Degree equips graduates with leading-edge knowledge and skills, preparing them for successful business careers. A focus on continuous innovation means that the programme is regularly updated, staying on top of industry trends and ensuring that graduates develop the competencies sought by leading employers. There is regular engagement with industry partners through live company projects, community-based work and expert guest speakers. The DIT Business Studies Level 8 Honours Degree programme is an accredited ACCA programme.

The programme is only available through DIT's Advanced Entry system and is tailored to the needs of students who have successfully completed a Level 6 (Higher Certificate) business qualification or who have partly completed a Level 7 (Ordinary Degree) or Level 8 (Honours Degree) business qualification.

### Learning Outcomes:

## What will I Study?

The focus of this Honours Degree is broad enough to offer graduates a variety of career options and pathways to further study, while also allowing for specialisation. Students can choose from a broad range of modules, creating their own unique learning journey.

### Some of the key features of the degree include:

- ♦ A wide range of modules, allowing students to create their own unique learning pathway
- ♦ A variety of assessment approaches including live case studies and problem based learning requiring students to focus on real business challenges
- ♦ A range of company visits and industry speakers throughout the programme
- ♦ Study abroad in year three of the programme
- ♦ A challenging but supportive learning environment
- ♦ A range of personal development modules offered throughout the programme to ensure that students develop the graduate competencies required by modern employers.
- ♦ Regular career development workshops to ensure that students develop strong CVs and are interview ready



## Further Information

[www.dit.ie/retailandservicesmanagement](http://www.dit.ie/retailandservicesmanagement)

### School of Retail & Services Management

- ☎ 01 402 7088 (Mr. Colin Hughes)
- ☎ 01 402 7057 (School Office)

✉ [colin.hughes@dit.ie](mailto:colin.hughes@dit.ie)



COURSE CODE:

**DT364**

COURSE LENGTH:

**3 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**ADVANCED**

**ENTRY**

## Module Listing



### Year Two

Leadership & Professional Development ● Marketing ● Introduction to Sales ● Supply Chain Management ● Data Analytics ● Economics ● Operations Management ● Management Accounting.

Options: Digital Marketing ● Law

### Year Three

Business Information Systems ● Market Research ● Communications & Teamwork ● Human Resources Management ● Business Finance

Options: International Business Management ● International Marketing ● Organisational Change ● Selling & Sales Management ● Services Marketing ● Electronic Business ● Entrepreneurial Studies ● Project Management ● Business Decision Making ● Information for Management Control & Decision Making ● Financial Reporting

### Year Four

Strategic Management ● Business Research Methods ● Group Project.

Options: Marketing Communications ● International HRM ● Global Supply Chain Management ● Consumer Behaviour ● Ethics & Corporate Governance ● Taxation ● Advanced Financial Reporting ● Strategic Marketing ● Corporate Finance ● Financial Strategy

## Are there study abroad options?

Yes, typically 20-25% of the 3rd year class study abroad in semester two. Students can choose to study at one of our many international partner institutions.

## What are my... Career Opportunities?

Graduates of the programme have excelled in a variety of industries and professions, both in Ireland and internationally. Career opportunities exist in Management, Financial and Banking sectors and Retail Services to name but a few.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level can access a wide range of Postgraduate courses in DIT and elsewhere in Higher Education.

## What our students say!

- “I would highly recommend the BBS course to anyone thinking of a career in Business. It exposes you to many important aspects of a business and does this in a very practical way. In DIT, there is a strong focus on teamwork, which is excellent in preparing you for business situations when you start your career. The support you get throughout the course is fantastic and there is always someone to answer your questions and give you advice on career options.”
- “Upon graduating from the BBS I applied for IBEC's Export Orientation Programme (EOP) (graduate programme) and I am now a brand ambassador for Jim Beam's Irish portfolio in Boston. I am gaining valuable international experience, launching new products in the marketplace, whilst also completing a Postgraduate Diploma in International Business Development through DIT. I know that without the foundations from the BBS course I would not have been offered this placement. I have been able to bring what I have learned in DIT and couple it with my experience. It has opened a lot of doors for me and really has given me the best start to my career”.

## You might also be INTERESTED IN:

- Business & Management - DT365 Pg 98
- Human Resource Management - DT398 Pg 108
- Logistics & Supply Chain Management - DT358 Pg 112
- Retail & Services Management - DT343 Pg 116
- Business & Law - DT321 Pg 96

# R-THRÁCHTÁIL SA MHIONDÍOLTÓIREACHT

## E-COMMERCE IN RETAILING

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	04/H7

## What is...E-Commerce in Retailing?

The e-commerce in Retailing degree responds to a changing digital and social media influenced retail landscape and was developed in the context of:

- The changing nature of retailing resulting from the impact of Social, Mobile, Analytic and Cloud (SMAC) technologies
- The demand for graduates demonstrably equipped to work in connected, collaborative electronic retailing environments
- The need for retail graduates with advanced social media, platform, and design skills
- The scarcity of retail/business graduates with advanced technological competences

The programme addresses contemporary retail management needs that reflect the rapidly changing economic and technological environment. It aims to provide a broad technologically informed business education for future retail managers that reflects the changing needs of the sector.

Furthermore, the fast pace of change brought about both by technology and by Ireland's very open economy will strongly influence the management of future retail enterprise in Ireland. Graduates who expect to find careers in these sectors will need to be competent in contemporary electronic business technologies. The curriculum reflects this by integrating modules on retailing, e-business and e-business applications and addresses the market need for technologically literate retail managers for the dynamic retail environment of the 21st century.

### Learning Outcomes:

## What will I Study?

The overall aim of this Level 8 Honours Degree is to produce technologically literate retail graduates capable of filling the various career roles created by an emerging retail digital omni-channel highway.

It also aims to make students sufficiently informed on a wide range of issues in the business environment and about business processes to enable them to take a holistic view of decisions arising in the planning and operation of retail activities.

They will develop competences in client side programmes and will develop an appreciation of service side programmes without developing competency on the server side. The course will also enable students to acquire the skills and knowledge required to build and manage web and mobile applications to support e-Commerce functions through a developed understanding of agile project management methodologies suitable for managing ecommerce projects.

It will also aim to provide a comprehensive understanding of the principal operational and strategic issues involved in the overall management of 'bricks and clicks' retail enterprises in the context of both national and international business environments so as to enable them to be in a position to fulfil senior management roles in their future career in the retail and general business sectors.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## Further Information

[www.dit.ie/retailandservicesmanagement](http://www.dit.ie/retailandservicesmanagement)

### School of Retail & Services Management

- 01 402 7057 (John Jameson)
- 01 402 7062 (Dr. Edmund O'Callaghan)

- john.jameson@dit.ie
- edmund.ocallaghan@dit.ie

## Module Listing

Students will take both general business, retail specific and e-commerce modules.

**General Modules :** Finance ● Marketing & Market Research ● Economics ● Human Resource Management ● Entrepreneurial Studies ● Professional Development

**Specialist Modules:** Retail Management ● Retail Analytics ● Retail Marketing ● Geographical Information Systems ● Electronic Business ● International Retailing ● Retail Consumption ● Store Atmospherics ● Shopping Centre Management ● Category Management ● Retail Location Analysis

**E-Commerce Modules:**

Electronic Retailing & Marketplace Analysis ● Internet Technologies in Retailing ● Programming ● Electronic Retailing Infrastructure ● Data Base Systems ● Mobile & Social Commerce ● Web-Analytics ● Strategic ICT & E-Business

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Are there study abroad options?

During the second semester of the third year, students are offered the opportunity to study in one of the College's partner universities in the European Union or in North America where modules are delivered in the English language.

## What are my... Career Opportunities?

It is envisaged that graduates of the BSc in E-Commerce in Retailing will have a distinct workplace positioning in relation to graduates from general business and computer science programmes in the leveraging of specialist retail knowledge and technological knowhow. The opportunities for those completing this degree will be in a different field to other business disciplines in management and marketing, one in which there is high demand for online competency, skills and knowledge specific technological retailer issues.

Typical jobs envisaged which will be filled by the graduates in the BSc in E-Commerce in Retailing are shown below.

- ◆ E-Commerce Manager/E-Commerce Project Manager
- ◆ Online Category Manager
- ◆ UX Designer/UI Designer
- ◆ Website Designer/ Website Analyst
- ◆ Website Content Manager
- ◆ E-Commerce Technologist
- ◆ Mobile Marketing Manager/Digital Marketing Manager
- ◆ Social Media Manager

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

## You might also be INTERESTED IN:

- ◆ Retail & Services Management – DT343 **Pg 116**
- ◆ Business Analytics - DT302 **Pg 94**
- ◆ Business Computing - DT354 **Pg 100**
- ◆ Business Management - DT324 **Pg 118**
- ◆ Retail Management & Marketing - DT360 **Pg 124**
- ◆ Marketing - DT303 **Pg 122**

# EACNAMAÍOCHT & AIRGEADAS

## ECONOMICS & FINANCE

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	04/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Economics & Finance?

Economists study how people make choices in life and the consequences of their decisions. This means that they are concerned with consumers, workers, industry, commerce and government at the level of the individual and the market (micro-economics) and the national economy (macroeconomics). The focus of this degree is to analyse how these and other factors influence the goods and services an economy produces, the resources it uses in production, and the distribution of its output. Economics also focuses on contemporary issues such as the globalisation of world markets, international monetary systems, privatisation of industry and the management of the economy which include case studies, presentations, group work and projects as well as the more formal lectures with tutorial support.

### Learning Outcomes:

## What will I study?

The modules on this programme have been carefully chosen to expose you, the prospective student, to a wide range of cutting edge knowledge in the area of economics and finance while giving you a solid grounding in the fundamentals of economic thought that you will be able to apply to new events in the economy both in Ireland and internationally for many years to come. This is complemented by a focus on financial services understanding not only the internal issues within an organisation but also the external pressures and opportunities that firms deal with on a regular basis.

The programme deliberately has a strong core in both Economics and Finance demonstrating the inter linkages between the topics and how economic thought has shaped the discipline of Finance while current financial market behaviour provides food for thought for economic theory. The programme allows you to develop your own interests in the final year through the availability of a wide range of options and also the opportunity to work on an interesting real research issue. A range of experienced and dedicated resources are available to you as you make these important choices. This degree programme develops analytical abilities and financial knowledge as well as key skills and competencies in team working, independent research and critical analysis by use of a variety of learning approaches which include case studies, presentations, group work and projects as well as the more formal lectures with tutorial support.



## Further Information

[www.dit.ie/accountingandfinance](http://www.dit.ie/accountingandfinance)

### School of Accounting & Finance



01 402 3027 (Marie O'Flynn)



[marie.oflynn@dit.ie](mailto:marie.oflynn@dit.ie)



COURSE CODE:

**DT399**

COURSE LENGTH:

**3/4 YEARS**

APPROX:

**25 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**450**

## Module Listing

### Year One

Accounting • Business Finance • Business Law • Communications • Economics • Mathematics for Economics & Finance • Statistics for Economics & Finance • Information Systems for Economics & Finance

### Year Two

Business Finance • Economics of Strategy • Economy of Ireland • Financial Markets & Analysis • Macroeconomics • Mathematics for Economics & Finance • Microeconomics.  
\*Plus Module Options: EU Framework • International Trade & Globalisation • Managing the Organisation • Information Systems and Technology Management

### Year Three

Optional Year Abroad

### Year Three/Four

Corporate Finance • Financial Econometrics • International Finance & Monetary Economics • Research Project.

\*Plus Module Options: Derivatives • Financial Services & Financial Institutions • Public Economics • Game Theory • Portfolio Management • Strategic Management

\* See [www.dit.ie/catalogue](http://www.dit.ie/catalogue) for detailed information

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## What our Students say!

- The Programme content is excellent. Having a choice in second and third year is great. I like that the classes are small. There is always someone to help if I have a problem with something. There are other mature students so I don't feel like the odd one out. Lecturers know our names individually, we're not just a group of students and we can approach them on an individual basis. Excellent teaching and learning.

## What are my... Career Opportunities?

Typical graduates go on to work in such areas as investment banking, financial services, money markets, commercial banking, journalism, economic analysis, policy analysis, public/private sector economic research units or continue in academia to research further topics of interest to them. Given the continuing central importance of the Financial Services Sector to the Irish Economy, there is clear demand for high quality graduates with numeracy, analytic and practical skills in Economics and Finance.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates can access postgraduate Programmes in Accounting, Economics, Finance, International Banking and Finance, International Business, Business & Entrepreneurship, Marketing, Sustainable Development and Strategic Management within DIT, and similar opportunities elsewhere in Ireland or internationally.

## Are there study abroad options?

Yes. Students may opt to spend year 3 studying abroad in LOCATION: such as the United States, Canada, Australia or Northern Europe, through English. Students who avail of this opportunity will complete their degree over a four year period and on successful completion of all four years be awarded the BSc (Hons) Economics and Finance (International).

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## You might also be INTERESTED IN:

- Accounting & Finance - DT366 Pg 92
- Business Studies - DT315 Pg 120

# BAINISTÍOCHT ACMHAINNÍ DAONNA

## HUMAN RESOURCE MANAGEMENT

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Human Resource Management?

This four year, full time programme is designed to develop a HRM graduate with the knowledge, competencies and skills necessary to function effectively as a HRM professional in a business environment. The scope of the programme covers the breadth and depth of the HR profession, from small to large organisations in the private, public, and not for profit sectors; from the fundamental to sophisticated, and local to global. The programme, accredited by the CIPD, is designed to take account of the key professional areas for the HRM professional, as outlined by the Chartered Institute of Personnel and Development.

### Learning Outcomes:

## What will I Study?

This programme seeks to:

- Introduce the student to the subjects of Human Resource Management and related business management modules
- Develop in students an ability to apply Human Resource Management processes and functions to real Human Resource Management situations as well as general business operations issues
- Introduce students to the basic concepts and functional areas of Human Resource Management and to place these in the overall context of the competitiveness of the organisation
- Develop a high level of professional competence and skill in the Human Resource Management areas equal to that expected of competent business professionals
- Facilitate the student's ability to transfer acquired knowledge and skill to work situations
- Raise the student's knowledge and competence in Human Resource Management to the level of strategic decision making



## What our students say!

- "As a third year student I am really enjoying DIT's HRM course, with lecturers who are approachable and willing to help in any way they can. We covered a wide range of subjects over the three years, all of which come into perspective when on placement in semester two of third year. Being on placement for fifteen weeks offers us students an invaluable opportunity to gain an insight into the career we will have. It is daunting at first but I can honestly say it has been a fantastic time and will benefit both future studies and careers. It allows us gain hands on experience in lots of areas such as Industrial relations, Recruitment, Employment Law and the general running of a HR office. Placement offers lots of learning and networking opportunities. The past three years I have spent studying in DIT have been a really positive experience."

## Further Information

[www.dit.ie/business](http://www.dit.ie/business)

### School of Management



01 402 3202 (Dr Mary Prendergast)



[Mary.Prendergast@dit.ie](mailto:Mary.Prendergast@dit.ie)

## Module Listing

### Year One

Communications & Professional Skills ● Contemporary Issues in Management ● Health & Safety ● Introduction to Human Resource Management ● Introduction to Industrial Relations ● Economics for HRM ● Marketing ● Principles of Management ● Quantitative Analysis & Excel ● The Human Resource Management Legal Framework

### Year Two

Employment Law ● Employee Resourcing ● Financial Accounting ● Learning & Development ● Management Accounting ● Economics for HRM ● Organisational Behaviour. **Options - choose two from:** EU Frameworks ● International Business Management ● Operations Management ● Procurement Management

### Year Three

Employee Reward ● Ethics & Corporate Governance ● Organisational Change ● Organisational Communications & Teamwork  
**Options - choose one from:** Finance & Outsourcing ● Quality Management & Process Improvement ● Work Placement or Study Abroad option

### Year Four

Contemporary Issues in Human Resource Management ● Employee Relations ● International Human Resource Management ● Managing Cultural Diversity ● Performance Management ● Project Management ● Strategic Management ● Individual Project

**NOTE:** Programme content & modules may be subject to change.

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## What are my... Career Opportunities?

Human Resource Management is a challenging and dynamic area of management which offers significant career opportunities. Graduates from the BSc Human Resource Management Programme have career opportunities with national and international organisations across the public and private sector including HR Consultant/Manager, Personnel Recruiter, Project Manager, Training & Development, Employee Relations etc.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who successfully complete this programme, and reach the appropriate honours standard, are eligible to progress to postgraduate level studies in a wide range of Masters Degrees in DIT and elsewhere in Higher Education. For example in DIT they may progress onto the CIPD accredited Masters in Human Resource Management.

## Are there study abroad options?

For semester two of third year, students can select one of the following:

- Study in one of the College's partner Universities in Europe, where modules are delivered in the English language. Students take suitable modules from the courses on offer in that partner institution and sit examinations and other assessments there.
- A six-month period of structured work placement in an organisation, across a broad variety of sectors. Students will have the opportunity to experience, in an appropriate business setting, the application of many of the HRM and business concepts, methodologies and issues they have studied on the programme.

## Placement/Internship

Students can avail of a placement in the third year of the course. The student will have an opportunity to acquire relevant, real world experience in a business setting. Placement partners include leading companies in all the key business sectors. This placement is usually paid.

## You might also be INTERESTED IN:

- Business & Management - DT365 **Pg 98**
- Logistics & Supply Chain Management - DT358 **Pg 112**
- Retail & Services Management - DT343 **Pg 116**
- Business Studies - DT315 **Pg 120**
- Business Management - DT324 **Pg 118**
- Retail Management & Marketing - DT360 **Pg 124**

# GNÓ IDIRNÁISIÚNTA & TEANGACHA

(Sínis/Fraincis/Gearmáinis/Gaelige/Iodáilis/Spáinnis)

## INTERNATIONAL BUSINESS & LANGUAGES

(Chinese/French/German/Irish/Italian/Spanish)

BA Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### Other Requirements

A minimum H4 in one of Chinese, French, German, Irish, Italian or Spanish

## What is... International Business & Languages?

Competence in languages has an important role to play in Ireland's ability to trade with other countries. Fluency in other languages is vital to the success of businesses dealing with the countries and regions in which those languages are spoken. The programme is evenly divided between languages and business subjects.

The key characteristics of this degree programme are the acquisition of professional competence in one or more languages, the acquisition of business expertise, and the third year spent abroad in a country of the student's major language.

### Learning Outcomes:

## What will I Study?

The programme is shared equally between the School of Languages and the School of Marketing at DIT. You will benefit from the international reputation, experience and knowledge of both schools. You will study the full range of business modules required to gain an in-depth understanding of the international business environment. You will also study the language(s) of your choice and acquire the professional competency in one or more languages necessary to work in a variety of multilingual and multicultural environments. The focus is on expansion and consolidation of your language expertise, both oral and written, in a range of professional contexts.

You will normally have obtained a minimum grade of H4 in the Leaving Certificate or equivalent in one or more of the languages offered on the programme. Those currently offered are Chinese, French, German, Irish, Italian and Spanish.

In addition to continuing your study of the language or languages that you took for Leaving Certificate you will have the opportunity to study a new language from beginner's level and you may even have the option of specialising in this new language if you do well enough.

## What our Students say!

- I think IBL is an excellent programme that combines two very important disciplines needed in today's globalised world: the ability to speak languages and an understanding of a great variety of business subjects. I like the way business subjects, such as Marketing, Management and Finance, are all interconnected throughout the course so that you often learn something in one subject and can instantly relate it to something you learnt in a different subject. That makes it more interesting and easier to understand. I also like that DIT is not anonymous and everybody knows everybody. Classes are relatively small compared to big universities. Small classes make interaction in class easy. Whenever I feel I haven't understood something, I can ask the lecturer and they are always willing to explain. As for the language side of the course, I am really glad that we are taught the language in a practical way and focusing on various aspects of culture. I particularly enjoy writing out dialogues and doing in-class presentations. Two years ago, I started as a complete beginner and now I feel so confident in the language that I cannot wait to go on Erasmus next year!

## Further Information

[www.dit.ie/schooloflanguages](http://www.dit.ie/schooloflanguages)

### School of Languages



01 402 2843



[languages@dit.ie](mailto:languages@dit.ie)



## Module Listing

### Year One

**Language Modules:** French/German/Irish/Italian/Spanish Language 1A (Post-LC) ● French/German/Irish/Italian/Spanish Studies 1

**Options:** Either French/German/Irish/Italian/Spanish Language 1A (Post-LC) **Or** Chinese/French/German/Irish/Italian/Spanish Language 1B (Beginners)

**Business Modules:** Marketing Theory ● Principles of Economics ● Principles of Business ● Communication/Research Methodology ● Accounting

### Year Two

**Language Modules:** French/German/Irish/Italian/Spanish Language 2A ● French/German/Irish/Italian/Spanish Studies 2

**Options:** Either French/German/Irish/Italian/Spanish Language 2A **OR** Chinese/French/German/Irish/Italian/Spanish Language 2B **OR** a Cultural Module (e.g. Culture, Image, Identity and Memory, Intercultural Studies, Introduction to Linguistics, World Cinema)

**Business Modules:** Principles of Management ● International Trade & Globalisation ● Introduction to Logistics & Supply Chain ● Consumer Behaviour ● International Corporate Finance

### Year Three

Spent in Partner University abroad in country of student's major language **OR** on work placement in country where the main language of study is spoken

### Year Four

**European Language Modules:** French/German/Irish/Italian/Spanish Professional Communication

**Two Options from:** Either French/German/Irish/Italian/Spanish Translation & Interpreting **OR** French/German/Irish/Italian/Spanish Dissertation **OR** French/German/Irish/Italian/Spanish Current Affairs **OR** French/German/Irish/Italian/Spanish Literary & Cultural Studies **OR** Professional Communication in a Second Language **OR** a Cultural Module (e.g. Art, Heritage & History of France, Creative Writing, Modernism, English Literature of Ireland, Hispanic Identities, The American West)

**Chinese Modules:** Chinese Written Communication ● Chinese Oral Communication

**One Option from:** Either Chinese Cultural Studies **OR** Dissertation **OR** Professional Communication in a Second Language

**Business Modules:** International Marketing ● International Political Economy ● Regulatory Framework ● Current issues in Global Business

## What are my... Career Opportunities?

With the increasing globalisation of world markets and the dependency of the global economy on international trade, it is essential that students develop the linguistic skills, critical thinking skills, and business skills required. Students who successfully complete the programme will be equipped to play a key role in companies and organisations seeking out new markets and/or expanding within them.

Graduates will be equally well suited to the demands of all business organisations from small and medium-sized enterprises to multinational concerns.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standards may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students are required to spend the third year of the programme in the country of their major language. This will normally be in a partner university but it may be on a work placement.

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## You might also be INTERESTED IN:

- ♦ Languages & International Tourism - DT518 **Pg 48**
- ♦ Languages & English Studies - DT517 **Pg 46**

# LÓISTÍOCHT & BAINISTÍOCHT SHLABHRA AN tSOLÁTHAIR LOGISTICS & SUPPLY CHAIN MANAGEMENT

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Logistics & Supply Chain Management?

The aim of the programme is to provide an intellectual formation and a path to personal development which will develop a graduate equipped with a comprehensive understanding of the philosophies and theoretical perspectives which inform sound logistics and supply chain management. The graduate will be provided with the wide-ranging knowledge and skills necessary to function as an effective professional, in a national and international context. The graduate will display a capacity for critical enquiry, will be flexible, adaptable and capable of working in an environment of persistent change and will have the capacity to engage with experience and further learning opportunities in a quest for continuing lifelong learning.

## Learning Outcomes:

## What will I Study?

This programme is a Business Honours Degree with a major specialisation in Logistics and Supply Chain Management and consists of three strands;

1. Logistics and Supply Chain Management
2. Business Management
3. Information Management

In order to win in today's marketplace companies must continuously improve productivity, whilst lowering costs, and bringing quality products to market quicker than ever before. It is innovative and effective supply chain management that is key to gaining competitive advantage, reducing costs and making firms more profitable.

The programme seeks to:

- ♦ Introduce the student to business and management with a focus on the function of the supply chain
- ♦ Develop in students an ability to apply supply chain management and business processes and functions to actual logistics and supply chain management scenarios
- ♦ Introduce students to the basic concepts and functional areas of supply chain management and to place these in the overall context of the strategy objectives of the organisation
- ♦ Develop a high level of technical competence and skill in the logistics, information technology and management areas as required of competent business professionals
- ♦ Facilitate the student's ability to transfer acquired knowledge and skill to workplace situations
- ♦ Raise the student's knowledge and competence in logistics and supply chain management to the level of strategic decision making



## What our Students say!



- "After graduating from DIT with a BSc in Logistics and Supply Chain Management, I found that my degree widened the range of jobs I could apply for and got a job straight away as an inventory analyst in Unilever Ireland. I am currently back in DIT undertaking PhD research using simulation and optimisation technologies in supply chain management"
- "When I graduated, I started working as a logistics administrator in Independent Express Cargo, where I did my work experience as a part of my degree. Besides giving the specialist knowledge and skills desired by modern companies, the course has the advantage of creating opportunities to establish career links"
- "I can state that the degree has contributed extremely positively to my professional development, firstly in terms of obtaining a position and secondly in my ability to contribute positively to a dynamic and innovation team. This Logistics and Supply Chain degree is a diverse course which developed both my academic research and interpersonal skills sets by consistently offering unique and interesting challenges. "

## Further Information

[www.dit.ie/business](http://www.dit.ie/business)

### College of Business

-  01 402 3030 (Declan Allen, Assistant Head of School)  
 01 402 3031 (Aideen O'Byrne, School Administrator )

-  [declan.allen@dit.ie](mailto:declan.allen@dit.ie)  
 [aideen.obyrne@dit.ie](mailto:aideen.obyrne@dit.ie)

## Module Listing

### Year One

Communications & Professional Skills • Contemporary Issues in Management • Economics • Introduction to Supply Chain Management • Inventory & Forecasting Management • IS Practical & IT Fundamentals • Principles of Management • Quantitative Analysis • Transport Systems

### Year Two

Commercial & Transport Law • Health & Safety • HRM • Information Management • Management Accounting • Management Science • Operations Management • Transport & Distribution Planning

### Year Three

Database Systems • Electronic Business • Project Management • Finance • Procurement Management • Warehouse Design & Management • Work Placement or Study Abroad Option (Erasmus)

### Year Four

Business Decision Making or Entrepreneurship • Global Supply Chain Management • Partnership & Outsourcing • Quality Management & Process Improvement • Strategic Information Systems • Strategic Logistics Management • Strategic Management • Supply Chain Optimisation • Research Project

**NOTE:** Programme content & modules may be subject to change.

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Placement/Internship

Students can avail of a placement in the third year of the course. The student will have an opportunity to acquire relevant, real world experience in a business setting. Placement partners include leading companies in all the key business sectors. This placement is usually paid.

## What are my... Career Opportunities?

Career opportunities in logistics and supply chain management continue to grow. Even during downturns in the business cycle, when companies are cutting costs, the demand for able and experienced supply chain managers remains high.

Opportunities in logistics and supply chain management include: Manufacturing, purchasing and procurement; quality management; inventory and materials management; forecasting and planning; business and systems analyst; operations and production management, retail support, transport and logistics, consultancy and research.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who successfully complete this programme, and reach the appropriate honours standard, are eligible to progress to postgraduate level studies in a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

Each year a number of students progress onto further studies through research, undertaking an MPhil or their PhD studies.

## Are there study abroad options?

For semester two of third year, students can select one of the following:

(a) Study in one of the College's partner Universities in Europe, where modules are delivered in the English language. Students take suitable modules from the courses on offer in that partner institution and sit examinations and other assessments there.

(b) A period of structured work placement in an organisation, across a broad variety of sectors. Students will have the opportunity to experience, in an appropriate business setting, the application of many of the Logistics and SCM business concepts, methodologies and issues they have studied on the programme.

## You might also be INTERESTED IN:

- ♦ Business Studies - DT315 **Pg 120**
- ♦ Business Management - DT324 **Pg 118**
- ♦ Human Resource Management - DT398 **Pg 108**
- ♦ Retail & Services Management - DT343 **Pg 116**
- ♦ Business & Law - DT321 **Pg 96**
- ♦ Business & Management - DT365 **Pg 98**

# MARGAÍOCHT MARKETING

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	3H5's	04/H7	04/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Marketing?

Marketing is the lifeblood of every organisation, big or small. From identifying opportunities and generating insights to developing those products and services to meet the needs of customers and communicating value inside and outside the organisation, the marketing function is crucial in today's global economy.

### Learning Outcomes:

## What will I Study?

The programme creates graduates with the knowledge, skills and competencies essential to function as high-calibre contemporary marketing professionals, both nationally and internationally.

The graduate will become analytical and insightful with the ability to communicate and articulate a company's vision using digital and traditional marketing communication methods and to design and implement marketing strategies and plans to ensure success.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12



## Further Information

[www.dit.ie/marketing](http://www.dit.ie/marketing)

### School of Marketing



01 402 7033 (Roger Sherlock)



[roger.sherlock@dit.ie](mailto:roger.sherlock@dit.ie)



## Module Listing

### Year One

Communications • Marketing • Economics • Marketing Information Systems • Quantitative Methods • Social Science Perspectives on Marketing • Accounting • Introduction to PC Environment • Irish Business Environment

### Year Two

**Semester 1:** Marketing Management • Communications • Information Systems • Marketing Research • Statistics

**Semester 2:** International Marketing • Cultural Studies • Management & Strategy • Economics • Managerial Accounting • **Plus 1 Marketing Option**

### Year Three

**Semester 1:** International Study Abroad Programme. Study in a Partner University in USA, Canada, Europe or Asia.

OR Work Placement OR the following modules:

• Organisation and the Individual • Perspectives on International Marketing • International Political Economy • Marketing Option (not taken previously) • Company-Based Research Project • Strategy Economics

**Semester 2:** Consumer Behaviour • Financial Analysis • Marketing Analysis • Marketing Communications • Research Methods • Strategic Marketing

### Year Four

Marketing • Consumer Research • Strategic Management • Marketing Analysis • Finance • Research Dissertation

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Paid Placement/Internship

Students can avail of a four month placement in the third year of the course. The student will have an opportunity to acquire relevant, real world experience in a business setting. Placement partners include leading companies in all the key business sectors.

## What are my... Career Opportunities?

This Degree programme provides attractive career opportunities in the expanding marketing profession. In addition to roles in General Marketing Management, there is a range of opportunities in areas such as Brand Management, International Marketing, Advertising, Market Research, Digital Marketing, Marketing Promotion, Sales Management and Services Marketing.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

In Year 3 students can take a semester in a European, US, Canadian or Asian partner university. These include: Ryerson University Toronto, Memorial University Newfoundland, Bishop's University and Concordia University Quebec, Seton Hall University New Jersey, Southern Utah University, Utah, South-East Missouri State University, Florida Atlantic University, University of Canberra, Australia.

## What our students say!

- I found the BSc Marketing in DIT to be a fantastic, well rounded programme which exposes you to all important aspects of business and marketing. More importantly, it's a highly regarded qualification within the industry and certainly prepares you well for a job in the 'real world'!
- DIT's Degree readies you for any role in marketing, from research, to advertising, and brand management. The teamwork element prepares you for real life business situations unlike any other course.

## You might also be INTERESTED IN:

- ♦ Business & Management - DT365 Pg 98
- ♦ Marketing - DT303 Pg 122
- ♦ Tourism Marketing DT412 Pg 68

# BAINISTÍOCHT MHIONDÍOLA & SEIRBHÍSÍ

## RETAIL & SERVICES MANAGEMENT

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	04/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Retail & Services Management?

This is a broadly based honours business degree with strong focus on the important retail and service sectors of the economy. The services sector is one of the most complex and dynamic sectors of our economy, driven by globalisation, information and telecommunications technology and increasingly diverse and sophisticated consumers. The retail sector, in particular, represents a fast-moving and rapidly expanding area of opportunity for business graduates where high performers achieve rapid advancement and excellent rewards. This honours degree programme is an ideal foundation for anyone considering a career in the retail or services sectors.

### Learning Outcomes:

## What will I Study?

The overall aim of this programme is to provide a comprehensive understanding of the principal operational and strategic issues involved in the management of retail & services based enterprises in the context of both national and international business environments. The course seeks to enable students to acquire a comprehensive understanding of the diverse range of business specialties and disciplines affecting both operational and strategic management decisions in retail & services based enterprises.



## Further Information

[www.dit.ie/retailandservicesmanagement](http://www.dit.ie/retailandservicesmanagement)

### School of Retail & Services Management



01 402 7062 (Dr. Edmund O'Callaghan)



01 402 7057 (School Office)



[edmund.ocallaghan@dit.ie](mailto:edmund.ocallaghan@dit.ie)

## Module Listing

Students will take both general business modules and specialist retail & service specific modules.

**General Modules:** Finance • Information Technology • Management • Marketing & Market Research • Law • Economics • Human Resource Management • Entrepreneurial Studies & Communications

**Specialist Modules:** Retail Management • Retail Analytics • Retail Marketing • Geographical Information Systems • Electronic Business • International Retailing • Retail Consumption • Store Atmospherics • Shopping Centre Management • Category Management • Retail Location Analysis • Retail Buying & Negotiating • Financial Services • Management of Services • Services Management Strategy

## Scholarships

First year students enrolling on this programme who have obtained 500 points or more in their Leaving Certificate will be awarded a first year entrance scholarship of €1,000 in recognition of their outstanding performance in the Leaving Certificate Examination.

## Retail Work Placement OR International Study Option

Students will have the opportunity to gain valuable work experience for a six month period in a service sector business or further personal development in choosing one semester to study abroad at a European or North American University.

## What are my... Career Opportunities?

This programme provides attractive career opportunities in management, marketing & IT within retail or service based organisations, or in organisations supplying these sectors. Previous graduates have been in demand by national and international retailers, financial services organisations such as banks and insurance companies, as well as by supplier organisations within the retail supply chain.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

During the second semester of the third year students are offered the opportunity to study in one of the College's partner universities in the European Union or in North America where modules are delivered in the English language.

Students take suitable modules from the courses on offer in the partner institution and sit examinations and other assessments there.

## What our Students say!

- Rachel Kingston, Class of 2012. - 'I chose the BSc in Retail and Services Management as my degree because it is a broad based honours degree which touches on every aspect of business. This specifically appealed to me as I was unsure of the specific area of business I wanted to study, when filling out my CAO. My success in work placement has by default resulted in a secured job in Lidl GmbH Ireland as a Sales Operations Manager (also known as an Area Manager) once I finish my studies in June 2012'.

- Oliver Duffy (BSc Retail & Services Management, 2011) - "This programme gives you all the tools and knowledge you need for a career in either the Retail or Services industries. Working in teams from different backgrounds, it really made the four years fly by. The course is really interesting with a good mix of assignments and exams. I would strongly recommend this programme to prospective students. Overall a great learning experience which benefited me both professionally and personally".

## You might also be INTERESTED IN:

- Business Management - DT324 **Pg 118**
- Retail Management & Marketing - DT360 **Pg 124**
- Business Studies - DT315 **Pg 120**
- Human Resource Management - DT398 **Pg 108**
- Logistics & Supply Chain Management - DT358 **Pg 112**
- Business & Management - DT365 **Pg 98**

# BAINISTÍOCHT GNÓ BUSINESS MANAGEMENT

Ardteastas Leibhéal 6 / Higher Certificate Level 6

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Business Management?

This two-year higher certificate course is an introductory course to Business Management. It introduces students to fundamentals of Business Management and familiarises them with the factors at work in managing a modern 21st century complex business.

### Learning Outcomes:

## What will I study?

This overall objective of this programme is to contribute positively to the professionalism and competency of Irish management at a junior/ trainee level. It aims to provide a programme of education that is theoretically robust and practical in its application to business management. It provides students with an understanding of the principles and practices of business management and related disciplines. It also provides students with an overview of the main functional areas in business enterprises and an understanding of how each element contributes to the overall performance.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12



## Further Information

[www.dit.ie/retailandservicesmanagement](http://www.dit.ie/retailandservicesmanagement)

### School of Retail & Services Management

- 01 402 7057 (John Jameson)
- 01 402 7062 (Dr. Edmund O'Callaghan)

- john.jameson@dit.ie
- edmund.ocallaghan@dit.ie



COURSE CODE:

**DT324**

COURSE LENGTH:

**2 YEARS**

APPROX:

**80 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**340**

## Module Listing

Students will take general business modules over the two year programme and are given special accounting options in year 2.

### Year One & Two

Financial Accounting • Information Technology • Management • Marketing • Law • Economics • Enterprise Development • Applied Management • Organisational Behaviour & Communications

### Options - Year Two

Financial Accounting • Finance • Management Accounting • Retail Management • Human Resource Management • Project Management • Business Analytics

## What are my... Career Opportunities?

It is envisaged that graduates of the programme will enter the job market as junior or trainee managers in any business organisation.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the year 2 or 3 level in DIT or elsewhere in Higher Education.

## Are there study abroad options?

Students who transfer to most other four year DIT honours degree programmes after completion of the higher certificate have the opportunity to study in either a European or North American University



## You might also be INTERESTED IN:

- ♦ Retail & Services Management - DT343 Pg 116
- ♦ Retail Management & Marketing- DT360 Pg 124
- ♦ Business Studies - DT315 Pg 120
- ♦ Marketing - DT303 Pg 118

# STAIDÉAR GNÓ BUSINESS STUDIES

Ardteastas Leibhéal 6 / Higher Certificate Level 6

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Business Studies?

This programme is designed to provide both a solid grounding in general business and to develop working competencies in key areas such as finance, economics and accounting. There is a wide choice in year 2 of the programme allowing the student to try out different aspects of business before making a decision to specialise.

### Learning Outcomes:

## What will I Study?

Graduates will be able to demonstrate knowledge and skills in a broad range of business related modules including Accounting, Finance, Management, Marketing and Information Systems. They will be able to apply this knowledge to different environments and industries. Graduates will be employable with good communication and writing skills built into the programme. The pace of a Level 6 programme means that students will gain extensive knowledge of a wide variety of topics and be employable in those areas. Graduates are also prepared for advanced entry to a wide range of Level 8 Programmes in DIT and elsewhere. Through choosing particular modules students start the process of getting accounting exemptions from major bodies such as Chartered Accountants Ireland and ACCA.



## What our Students say!

- I found the Higher Certificate course to be very appropriate for those who are not quite sure what area of business they would like to choose. It gives a fantastic grounding as a step towards a degree qualification and / or the work environment.
- You get a taste of all fields that you could possibly choose from within DIT, and, after two years it was clear to me that accounting was what I wanted to do. I am now in the Accounting and Finance degree and a lot of the topics I covered in the certificate have helped me in my studies for my Degree.

## Further Information

[www.dit.ie/accountingandfinance](http://www.dit.ie/accountingandfinance)

### School of Accounting & Finance



01 402 3027 (Marie O' Flynn)



[marie.oflynn@dit.ie](mailto:marie.oflynn@dit.ie)

## Module Listing

### Year One

Communication Studies • Economics • Financial Accounting  
• Information Technology • Marketing • Principles of Management

### Year Two

**Core Subjects:** Business Finance • Business Law • eBusiness  
• Management Accounting • Quantitative Techniques

**Elective Subjects:** Three to be taken from Business Finance  
• Business Taxation • Economics • Financial Accounting •  
Human Resources Management • Information Technology •  
International Marketing • Marketing Research • Supply Chain  
Concepts • Supply Chain Operations

## Are there study abroad options?

There are no study abroad opportunities in this two year Higher Certificate Programme. However, students who progress from this Programme to a Level 8 Honours Degree Programme may have opportunities to study abroad in Europe, the United States and Canada etc.

## What are my... Career Opportunities?

An excellent grounding in general business will be offered with emphasis on subjects such as Accounting, Finance and Management. While many graduates have gone directly to the workplace in a wide range of business administration settings, the majority of students (80%+) progress on to Level 8 programmes in the College of Business DIT or elsewhere.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites have the opportunity to access year 2 or year 3 of Level 8 Honours degree programmes at DIT and elsewhere.



## You might also be INTERESTED IN:

- ♦ Accounting & Finance - DT366 **Pg 92**
- ♦ Economics & Finance - DT399 **Pg 106**
- ♦ Retail Management & Marketing - DT360 **Pg 124**
- ♦ Marketing - DT303 **Pg 122**
- ♦ Business Management - DT324 **Pg 118**

# MARGAÍOCHT MARKETING

Ardteastas Leibhéal 6 / Higher Certificate Level 6

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Marketing?

Marketing is the lifeblood of every organisation, big or small. From identifying opportunities and generating insights to developing those products and services to meet the needs of customers and communicating value inside and outside the organisation, the marketing function is crucial in today's global economy.

### Learning Outcomes:

## What will I Study?

This two year programme of study is designed to equip the student with a comprehensive and rigorous grounding in marketing and business. This ensures that the student has the practical skills and knowledge required at junior executive level and prepares the student for further study.



**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

## Further Information

[www.dit.ie/marketing](http://www.dit.ie/marketing)

### School of Marketing



01 402 7033 (Roger Sherlock)  
01 402 7198



[roger.sherlock@dit.ie](mailto:roger.sherlock@dit.ie)



## Module Listing

### Year One

**Semester 1:** Marketing ● Marketing Research ● Statistics ● Behavioural Science ● Introduction to Business Finance ● Essentials of Communications ● Introduction to PC Environment ● Business and Society

**Semester 2 Options:** Choose one: Sales Management ● Web Design

### Year Two

**Semester 1:** Marketing Practice ● Data Collection & Analysis ● Microeconomics ● Management Accounting for Marketing ● Communications and the Organisation.

**Options:** Choose one: Supply Chain Management ● Management of ICT

**Semester 2:** Marketing Planning ● Marketing Research Applications ● Macroeconomics ● International Marketing ● Marketing Communications.

**Options:** Choose one: Search Marketing ● Business-to-Business Marketing

## What our students say!

- DIT provides students with the opportunity to study in a friendly, encouraging and fun environment, join clubs ranging from sports to fashion and enjoy student life with your new college friends. So if you want to study marketing, there is only one course for you, marketing at DIT!

## What are my... Career Opportunities?

This Certificate programme provides attractive career opportunities in the expanding marketing profession. There is a range of opportunities at junior executive level in areas such as Market Research, Marketing, Promotion, Sales Management and Services Marketing and Merchandising.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who reach the appropriate level in final examinations and meet subject prerequisites may have access to honours degree programmes in DIT and elsewhere in Higher Education. Please see below for DIT progression options:

DT341 BSc Marketing year 2/3

DT365 BSc Business & Management year 2/3

DT343 BSc Retail & Services Management year 2/3

or certain other Level 8 programmes at the College of Business year 2/3

## Are there study abroad options?

There are no study abroad opportunities in this two year certificate programme. However, students who progress from this Programme to a Level 8 Honours Degree Programme may have opportunities to study abroad in Europe, the United States and Canada.

## You might also be INTERESTED IN:

- ♦ Marketing - DT341 **Pg 110**
- ♦ Retail Management & Marketing - DT360 **Pg 124**
- ♦ Business Studies - DT315 **Pg 120**
- ♦ Business Management - DT324 **Pg 118**

# BAINISTÍOCHT MHIONDÍOLA & MARGAÍOCHTA RETAIL MANAGEMENT & MARKETING

Ardteastas Leibhéal 6 / Higher Certificate Level 6

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Retail Management & Marketing?

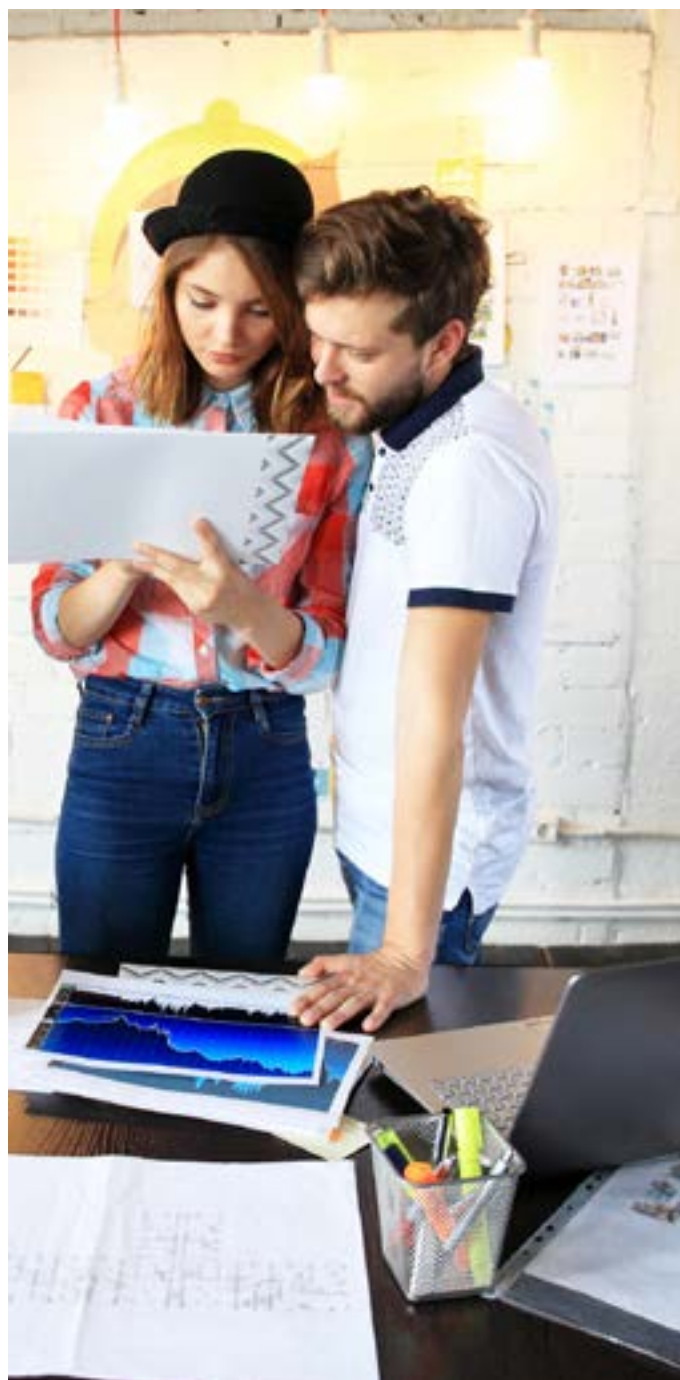
Retailing is one of the most dynamic and sophisticated of business sectors that requires professional competencies in Retail Operations & Technology, Marketing, Management and Finance. This two-year higher certificate introduces students to the factors at work in managing these outwardly straightforward but inwardly complex businesses.

### Learning Outcomes:

## What will I Study?

This programme provides students with an overview of the main functional areas in businesses and an understanding of how each element contributes to overall business performance. It provides an understanding of the principles and practices of retail management, marketing and related disciplines within an overall business management context, and will ensure that students are familiar with the workings of the 'new digital economy'.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12



## Further Information

[www.dit.ie/retailandservicesmanagement](http://www.dit.ie/retailandservicesmanagement)

### School of Retail & Services Management

- 01 402 7057 (John Jameson)
- 01 402 7062 (Dr. Edmund O'Callaghan)

- john.jameson@dit.ie
- edmund.ocallaghan@dit.ie

COURSE CODE:

**DT360**

COURSE LENGTH:

**2 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**AUNGIER ST**

POINTS 2017

**300**

## Module Listing

Students will take both general business modules and specialist retail specific modules.

**General Modules:** Financial Accounting • Information Technology • Management • Marketing • Business Law • Economics • Human Resource Management • New Venture Creation & Communications

**Specialist Modules:** Retail Management • Retail Analytics • Retail Marketing • Applied Retailing • Store Environments • Retail Property Management

## What our Students say!

- Claire Buckley (Student 2012) - 'Retail Management and Marketing is an excellent course. For anyone considering a career in the retail sector, it is a brilliant starting point. Each module is well presented and the course has a great structure. I have gained such a great insight into how retailers operate and how best to serve consumers. This course is ideal for working in any type of store, and can really provide the basis for any job opportunities that may arise for those looking to work in the retail sector and it is a brilliant thing to have on your cv!'

## What are my... Career Opportunities?

This programme provides an ideal introduction to the management and marketing of retail enterprises where there are excellent career opportunities. It provides a foundation for entry to the job market as trainee managers in retail companies or as marketing trainees within any company - particularly those where knowledge of Supply Chain Operations is beneficial.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the Year 2/ Year 3 level in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students who transfer to the BSc in Retail & Services Management (DT343) after completion of the higher certificate have the opportunity to study in either a European or North American University.



## You might also be INTERESTED IN:

- ♦ Retail & Services Management - DT343 **Pg 116**
- ♦ Business Studies DT315 **Pg 120**
- ♦ Business Management - DT324 **Pg 118**
- ♦ Marketing DT303 **Pg 122**

# **ENGINEERING & BUILT ENVIRONMENT**

**“THIS IS YOUR GUIDE TO A  
CAREER IN ENGINEERING,  
TO A LIFE OF ADVENTURE,  
ACHIEVEMENT AND DISCOVERY”**





## HONOURS DEGREES - LEVEL 8

	CODE	Pg No.
Architecture	DT101	128
Architectural Technology	DT175	130
Building Services Engineering (HCVAR)	DT026	132
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Construction Management	DT117	136
Electrical Services & Energy Management	DT035	138
Electrical & Electronic/Computer & Communications Engineering	DT021A	140
Engineering (General Entry)	DT066	142
Geographic Science	DT112	144
Manufacturing & Design Engineering	DT023	146
Mechanical Engineering	DT022	148
Medical Device Innovation	DT710	150
Networking Applications & Services	DT080B	152
Planning & Environmental Management	DT106	154
Product Design	DT001	156
Property Economics	DT110	158
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Transport Operations & Technology	DT028	164

## ORDINARY DEGREES - LEVEL 7

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Electronics & Communications Engineering	DT008	182
Engineering (General Entry)	DT097	184
Engineering Systems Maintenance	DT002	186
Mechanical Engineering	DT006	188
Networking Technologies	DT080	190
Timber Product Technology	DT169	192

# AITIREACHT ARCHITECTURE

BArch Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## Other Requirements

Applicants must attend a suitability test & interview.  
**Suitability Test** = 100 points  
**Interview** = 100 points

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Architecture?

Architecture is the art and science of designing space. Students considering this career should have a creative aptitude for architectural design and the organisational ability to implement their designs in practice. They should also have an interest in artistic and cultural aspects of society as well as an aptitude for technical and managerial challenges.

### Learning Outcomes:

## What will I Study?

This five year programme covers topics such as design studio, history theory and criticism of architecture, environment, construction, visual and digital communications, computer applications and law. The majority of the student experience centres around studio based design projects which allow the student to design buildings and explore the urban and rural context. There is a strong emphasis on studio work and exploring the students' own understanding of architecture throughout the programme.

The DIT degree in Architecture is recognised throughout EU member states. Following two years of postgraduate experience they may take the examination in Professional Competence and thus become members of the R.I.A.I and register as an architect.



## Further Information

[www.dit.ie/architecture](http://www.dit.ie/architecture)

### School of Architecture



01 402 3690 (Aileen Mullane - School Administrator)



[dsa@dit.ie](mailto:dsa@dit.ie)

COURSE CODE:

**DT101**

COURSE LENGTH:

**5 YEARS**

APPROX:

**55 PLACES**

LOCATION:

**BOLTON ST (LINEN HALL)**

POINTS 2017

**635**

(includes test & interview score)

## Module Listing

### Year One to Five

- Architecture Design Studio ● History Theory & Criticism
- Environment Services and Materials ● Building Technology & Structures ● Visual Communication ● Technical Studio ● Professional Studies ● Thesis Development ● Optional Modules

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

The qualification is for the profession of Architecture. Architects are concerned with the design and construction of buildings. They may practice in a personal professional capacity, or in employment in private and public sector organisations. The field of practice is quite extensive in Ireland and abroad and may offer alternatives of general practice or specialisation throughout a career. Many graduates have pursued very successful careers abroad and others have gone on to become prominent architects in Ireland.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Entrants to the programme have the option of completing the five year continuous B.Arch Degree with full professional accreditation under the government 'free fees scheme' or - subject to reaching the required academic standard - they can choose to study the year and a half Masters of Architecture programme after completing four years successful study.



## You might also be INTERESTED IN:

- ♦ Architectural Technology - DT175 Pg 130

# TEICNEOLAÍOCHT NA hAILTIREACHTA ARCHITECTURAL TECHNOLOGY

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## Other Requirements

AT least H4 in one of Art, Construction Studies, Design & Communication Graphics, Engineering or Technology

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Architectural Technology?

An Architectural Technologist is a technical designer skilled in the application and integration of architectural and construction technologies in the building design process.

The DT175 BSc (Honours) Architectural Technology programme is professionally accredited by the Royal Institute of the Architects of Ireland (RIAI).

## Learning Outcomes:

## What will I Study?

The DT175 BSc (Honours) Architectural Technology is a studio-based programme. Studio provides a structured setting in which the student is exposed to a variety of teaching and learning experiences. Project work is undertaken against the background of lectures, critiques, one to one tutorials, seminars, group work and construction skills classes.

Technical Design Studio provides a focus for the development of skills in three-dimensional problem solving. These skills include freehand drawing, hard line mechanical drawing and model making. Studio project work also allows the development of skills in Building Information Modelling (BIM) to produce 3D digital models and 2D working drawings. The presentation of studio projects in crits encourages the development of the student's verbal communication skills.

The studio format offers flexibility for students to attend project related site visits and field trips away from the college environment, thereby widening their understanding of the context of their project work. These experiences are supplemented by industry and professional presentations, specialist structural engineering and mechanical & electrical engineering design workshops, and visits to building exhibitions.

In studio, students have unrestricted access to a dedicated workspace and work alongside one another for long periods of time, both during timetabled contact hours and beyond. Studios are equipped with both manual drawing facilities and PCs, allowing students to carry out their project work using a variety of media and approaches.

The programme includes work placement in Semester 2 of Year 3.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM - 2PM 01.12-02.12

## Further Information

[www.dit.ie/architecture](http://www.dit.ie/architecture)

### School of Architecture



01 402 3691 (Cormac Allen - Assistant Head of School (Architectural Technology))



[cormac.allen@dit.ie](mailto:cormac.allen@dit.ie)



COURSE CODE:

**DT175**

COURSE LENGTH:

**4 YEARS**

APPROX:

**50 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**380**

## Module Listing

### Years One - Four

Technical Design Studio 1-5 • Building Technology 1-5 • Building Performance 1-6 • Building Information Modelling 1-5 • Professional Development • Professional Practice Placement - Architectural Technology m • Technical Design Dissertation

## What are my... Career Opportunities?

The Architectural Technologist is a highly skilled technical professional trained to play a leading role in the increasingly complex technical design process which drives contemporary architecture and building.

With the rapid development of digital information technologies, DIT Architectural Technologists have emerged as leaders in the creation, integration and management of technical information through the medium of Building Information Modelling (BIM).

Working in multidisciplinary and collaborative design teams, technologists have the skills to communicate with and coordinate the work of other building design professionals. DIT architectural technologists are technical professionals and are highly sought after in the Architectural Engineering and Construction (AEC) industry in Ireland and abroad.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of the DT175 BSc (Honours) Architectural Technology programme will be eligible to progress to various Level 9 programmes such as the DIT MSc in Applied Building Information Modelling & Management, and following practice experience to the DIT MSc Building Performance (Energy Efficiency in Design) and CPD Diploma in Thermal Bridge Assessment.



## You might also be INTERESTED IN:

- ♦ Architecture - DT101 Pg 128

# INNEALTÓIREACHT SHEIRBHÍŚÍ FOIRGNÍOCHTA (HVACR)

## BUILDING SERVICES ENGINEERING (HVACR)

BE Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

## What is... Building Services Engineering (HVCAR)?

The buildings in which we live and work use about half our national energy. This energy use contributes to the CO<sub>2</sub> [greenhouse gas] emissions. Building Services Engineers together with architects and structural engineers design environmentally-friendly new buildings and retrofit existing buildings and are responsible for the many mechanical and electrical systems that make our buildings work including heating, ventilation, air-conditioning, refrigeration, water supply, fire protection, power, lighting and data communication systems. Creating such buildings that function effectively makes for a challenging and rewarding career. This year the programme is 31 years in existence.

## What our Students say!

- Dominic MacA'Choiligh graduate of the DT026 programme and currently working as a senior design engineer in Building Services Engineering in Sydney.  
"Having worked in the industry for the past six years both in Ireland and internationally I have found that the DIT Building Services Engineering Honours Degree Programme has given me both the practical and technical skills needed to work on a wide variety of interesting and significant projects, including the Sydney Opera House. The programme portability was key in giving me the background needed to work overseas where without having to sit any additional local examinations I have been able to easily transition to working with different design conditions, climate and environments. The fact that in Australia CIBSE design standards are also used was very beneficial. I have always found that employers, both domestically and internationally, have a very high regard for the course and its graduates."

### Learning Outcomes:

## What will I Study?

While there is a strong emphasis in the programme on the applied technology of mechanical and electrical systems (M&E) this delivery is complemented by a solid education in the underlying principles. As an honours degree programme with a 30 year unbroken history of accreditation by Engineers Ireland (the statutory body for regulation of the engineering profession) the programme delivery covers the four key areas necessary to produce a fully rounded professional engineer: (i) fundamental engineering education (ii) applied M&E modules in the discipline (iii) systems design skills through projects and software (iv) communication and management skills.

Contained within the programme are a number of modules which are virtually unique at undergraduate level in Ireland such as Refrigeration, Lighting and Acoustics, Facilities and Fire Engineering, and Energy in Buildings. The student is provided with an opportunity to study these areas to a depth not generally encountered at undergraduate level and as a result many go on to specialise in these specific areas.

Another unique feature of the programme is our three layered approach to the delivery of the increasingly important area of the dynamic thermal modelling of buildings and system performance. This involves the underlying principles, followed by computer modelling modules and finally the application is taught using industry standard software (such as IES).

The design of this programme results in a graduate who is well positioned to gain rewarding employment directly on graduation and is unlike many generic programmes which require further post graduate qualifications to gain employment.

## Further Information

[www.dit.ie/civilengineering](http://www.dit.ie/civilengineering)

### School of Civil Engineering



01 402 3826 (Dr B. Costelloe, Head of Department)



01 402 3635 (School Office)



[cbse@dit.ie](mailto:cbse@dit.ie)

COURSE CODE:

**DT026**

COURSE LENGTH:

**3 YEARS**

APPROX:

**30 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**(SEE DT066)**

## Module Listing

### Year Two

Mathematics • Fluid Mechanics • Thermodynamics •  
Electrical Engineering & Electronics • Building Fabric Load  
Assessment & Computer Modelling • Engineering Economics &  
Management • Design of Systems Assignments • Engineering  
Materials • Fuels Combustion Gas & Sanitary Services • Air  
Conditioning & Refrigeration • Emerging & Renewable Energy  
Technologies

### Year Three

Mathematics & Engineering Computation • Lighting and  
Acoustics • Fluid Mechanics • Heating Systems Design •  
Electrical Power Systems • Heat Transfer in Buildings •  
Systems Design Practice (Project) • Systems Design Practice  
(Software Utilisation) • Air Conditioning & Ventilation •  
Refrigeration • Technical Investigation Report • Emerging and  
Renewable Energy Technologies

### Year Four

Computer Modelling & Simulation • Heat & Mass Transfer  
• Engineering Project Management • Air Conditioning  
Engineering • Fire Engineering • Control Engineering •  
Facilities Engineering • Energy & Buildings • Major Design  
Project (15 credits)

In all years of the programme there is a strong emphasis on  
low energy solutions.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM - 2PM 01.12-02.12**

## What are my... Career Opportunities?

Career opportunities are found in four key areas: (i) in the exciting field of Low Energy Systems and utilising Renewable Energy from solar, geothermal and ambient sources (ii) in design of modern industrial facilities for clean room manufacturing in Pharmaceuticals, Microprocessors, Medical Devices (iii) in Energy and Facilities Management and in (iv) Project Management and statutory validation. Graduates are traditionally employed with blue chip organisations such as: ARUP, Hoare Lea, Jones Engineering Group, AXISENG, PM Group, Hevac, Grundfos, HSE, OPW.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Generally graduates who reach an appropriate honours level have access to a range of taught masters degrees. Past graduates have progressed to PhD level in specialist research in Fire, Electrochromic Glazing and Low Energy Solutions. As a graduate with an accredited degree by Engineers Ireland you will have opportunities to progress to registered professional engineer status in Ireland and abroad.

## Are there study abroad options?

Through the Erasmus Exchange Programme there are established links with continental colleges in Germany, France and Finland. There are particularly long established exchanges with the Hochschule Munchen (University of Applied Sciences in Munich). As a centre for Building Services Engineering in Germany this university is equipped with nine specialist laboratories covering all aspects of the discipline.

## You might also be INTERESTED IN:

- ♦ Building Services Engineering (HVACR) - DT005 **Pg 174**
- ♦ Civil Engineering - DT027 **Pg 134**
- ♦ Civil Engineering - DT004 **Pg 176**

# INNEALTÓIREACHT SHIBHIALTA

## CIVIL ENGINEERING

BE Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

### What is... Civil Engineering?

Civil Engineering is a broad professional discipline that includes the planning, design, construction, operation and maintenance of the physical and naturally built environment that our society depends on. Civil Engineers design roads, bridges, airports, railways, ports, roads, buildings, water, waste and energy systems.

#### Learning Outcomes:

### What will I Study?

Students will study a wide variety of subjects including fluid mechanics, structural engineering, geotechnical engineering, hydraulics, mechanics, highway engineering, construction management, materials, environmental engineering and scheme design.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**



### Further Information

[www.dit.ie/civilengineering](http://www.dit.ie/civilengineering)

#### School of Civil Engineering



01 402 4039 (Dr Niall Holmes, Assistant Head of School)



[niall.holmes@dit.ie](mailto:niall.holmes@dit.ie)



COURSE CODE:

**DT027**

COURSE LENGTH:

**3 YEARS**

APPROX:

**35 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**(SEE DT066)**

## Module Listing

### Years Two to Four

Geotechnical Engineering • Civil Engineering Hydraulics  
• Professional Development • Surveying • Engineering Mathematics • Concrete Technology • Environmental Engineering • Highway Engineering • Structural Mechanics • Design Project • Design of Structural Elements • Construction Management & Economics • Advanced Environmental Engineering • Hydraulic Structures • Advanced Highways & Transportation • Structural Design of Steel & Concrete • Civil Engineering Practice & Law

## What are my... Career Opportunities?

Our graduates have gone on to gain employment in consulting engineering design offices, on-site with contractors and in surveying and construction management. Civil Engineers are also highly sought after in business and financial institutions.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education. The School of Civil and Structural Engineering in DIT offers Masters (Level 9) and PhD research degrees.

## Are there study abroad options?

There are Erasmus opportunities to live and study abroad



## You might also be INTERESTED IN:

- ♦ Civil Engineering - DT004 **Pg 176**
- ♦ Building Services Engineering (HVACR) - DT026 **Pg 132**
- ♦ Building Services Engineering (HVACR) - DT005 **Pg 174**
- ♦ Structural Engineering - DT024 **Pg 162**

# BAINISTÍOCHT FOIRGNÍOCHTA CONSTRUCTION MANAGEMENT

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS:  
CCONT /5M5010 Construction  
Technology

FIVE DISTINCTIONS

## What is... Construction Management?

This programme is designed for those who wish to make a career in management not only in the construction industry, but also in a wide range of growing areas such as in the sustainability, conservation and maintenance, retail and information technology management sectors.

This qualification has been accredited to the Chartered Institute of Building (CIOB) and, over the years, has become known and recognised internationally.

### Learning Outcomes:

## What will I Study?

The primary emphasis is in the education of the manager in the construction sector and in the development of a high level of competency in managing and planning the execution of projects in the most efficient, effective and safety conscious manner.

The programme will also cover the technical aspects of construction work, including quantity surveying, land surveying, CAD and construction related IT systems such as the emerging area of Building Information System. The different material, technologies and systems used on construction sites in Ireland and abroad are reviewed, including in the growing sustainability, conservation and renovation areas.

The overall programme provides a good balance between classes and practical work. In particular, the Work Experience module in the third year of the programme allows the student to experience at first hand the challenges and opportunities of working in the industry for a whole semester. A study field trip also takes place during the second year of the programme to introduce students to the principles of building conservation in other EU states in order to expand their employment potential and options.



## Further Information

[www.dit.ie/construction](http://www.dit.ie/construction)

### School of Surveying & Construction Management



01 402 3676 (Ms. Kelly Nash)



[surveying@dit.ie](mailto:surveying@dit.ie)

Visit also our blog: <http://deptofconstruction.blogspot.com>



EUROPEAN SOCIAL FUND



Ireland's EU Structural Funds  
Programmes 2007 - 2013

Co-funded by the Irish Government  
and the European Union

## Module Listing

### Year One

Construction Technology - Low Rise Buildings • Building Materials & Environmental Science • Land Surveying • Construction Mathematics • Construction Management • Self Development & Learning Skills • Graphics & Communication • Quantity Surveying • Land Surveying • Computer Graphics & Communication

### Year Two

Setting out & Dimensional Control • Building Structures • Construction Management • Computer Aided Draughting • Professional Studies • Framed Structures • Maintenance & Conservation • Construction Safety Management • Financial Management for Construction • Estimating, Tendering & Measurement • Economics for Construction Managers

### Year Three

Work Placement • Building Structures • Building Services • Construction Management • Quantity Surveying • Contract Administration • Legal Studies for Construction Managers

### Year Four

Construction Management • Construction Project Finance • Construction Safety Management • Construction Planning • Sustainable Design & Building • Advanced Building Techniques • Commercial Management • Final Project

## What our students say!

- Having worked in the construction industry before hand and after consulting my peers I chose this course last year because this programme is a widely recognised qualification
- This course provides a strong emphasis in project and general management, with opportunities to be employed in diverse growing sectors of activities such as in the sustainability area
- With my construction degree from DIT I find myself capable of fulfilling roles at a young age that traditionally required experience practitioners

## What are my... Career Opportunities?

Graduates from this programme have found careers in large and small companies and across a range of occupations in both the public and private sectors, including working in sustainability, conservation, information technology, project management, and with building contractors or sub-contracting firms as Estimators, Quantity Surveyors, Programmers, Planners, Contract Managers and Site Managers. Many have attained high level management positions in a wide range of areas and have gone on to become executive directors or managing directors.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students have the opportunity to study in our Partner University in USA, Purdue University, or as an exchange student for one Semester.

Since the programme was developed to the status of Honours Degree in Construction (Management) and in line with the Bologna Agreement, students can apply for further postgraduate programmes abroad.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- Property Economics -DT110 **Pg 158**
- Quantity Surveying & Construction Economics - DT111 **Pg 160**
- Geographic Science - DT112 **Pg 144**
- Auctioneering, Valuation & Estate Agency - DT104 **Pg 166**



# SEIRBHÍSÍ LEICTREACHAIS & BAINISTÍOCHT FUINNIMH ELECTRICAL SERVICES & ENERGY MANAGEMENT

BSc Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Electrical Services & Energy Management?

All aspects of daily life now require energy in the form of electricity, gas or oil to function. These facilities include data centres, hospitals, manufacturing facilities, large commercial buildings, sports stadiums, multi-national company's headquarters, wind farms, large solar installations, software companies, etc. The design and installation of electrical services and management of energy consumption are vital to the initial installation and ongoing facility management.

Companies now spend vast sums of money investing in their infrastructure to ensure the smooth running of their facilities. This is vital to the support the ongoing operation of their companies in a world-wide market environment. Key to the success is the electrical, lighting and energy design of their facilities, that ensure smooth operation with no interruption to their core business activities. Electrical Service and Energy Management graduates will work in design teams to deliver electrical services to buildings and will play an integral role in the ongoing operation and management of the energy facilities.

### Learning Outcomes:

## What will I Study?

Electrical Services and Energy Management graduates will be equipped with the fundamental engineering, management and design skills necessary to design electrical services for facilities, and manage the energy consumption within facilities.

Graduates will have a thorough knowledge of electrical services engineering, which includes, safety, power distribution and information network systems, cabling/wiring systems, energy management systems and the application of such systems to various industries such as data centres, manufacturing, large commercial and multinational facilities, etc.

Health & safety awareness and application to the design aspects within the programme, together with all relevant legislation is vital to this role. The management of these facilities is taught to the highest international standards to ensure graduates can operate and maintain large facilities.



## Further Information

[www.dit.ie/electricelectronicengineering](http://www.dit.ie/electricelectronicengineering)

### School of Electrical & Electronic Engineering

- 01 402 4573 (Martin Barrett, Programme Chair)
- 01 402 4882 (Mr Keith Sunderland, Assistant Head)
- 01 402 4617 (Ms Frances Malone, Administration)

- [martin.barrett@dit.ie](mailto:martin.barrett@dit.ie)
- [keith.sunderland@dit.ie](mailto:keith.sunderland@dit.ie)
- [frances.malone@dit.ie](mailto:frances.malone@dit.ie)



## Module Listing

### Year One

Engineering Maths • Electrical Principals • Renewable Energy Plant • Electrical Services Engineering • Engineering Practice • Physics • Applied Data Networking • Engineering Professional Practice • Energy & the Environment

### Year Two

Engineering Maths • Lighting Applications • Life Safety Systems • BIM • Building Services • Electrical Services Plant • Renewable Energy Plant • Network Fundamentals • Introduction to Routing • Building Automation • Project Management

### Year Three

Electrical Services Design • Building Services • Electrical Services Plant • Building Automation • Services Development & Management • Building Energy Assessment • Work Placement: In year 3 of the programme students can complete work experience/study for one semester in Ireland, Germany, France, Spain or Italy

### Year Four

Alternative Energy Systems • Utilisation of Electrical Energy • Wind Energy for Electricity Supply • Data Acquisition • Energy Management • Facilities Management & the Environment • Management, Marketing & Law • Energy Policy & Economics • Research Methodologies • E-Learning Techniques

## Are there study abroad options?

Students may have the opportunity of completing their work placement or study abroad in a European University under the Erasmus Exchange programme.

## What are my... Career Opportunities?

Career opportunities are excellent. In recent years all of the graduates have gained excellent opportunities for employment or have opted to engage in research. The industrial links coupled with the work placement and the final year project mean that the BSc in Electrical Services and Energy Management is the 'go-to' programme for prospective employers in this sector.

Graduates have gained employment in a diverse range of industries that includes food production, manufacturing, data centres, wind farms, and electrical consultancy. Companies such as Intel, AECOM, Wind Prospect, ESB, ESB International, Mercury Engineering, JV Tierney and Amazon are among those who have employed our graduates, many of whom have progressed into technical management roles with high salaries.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students have the option of continued study for an MSc in Energy Management, an MPhil, which is a master's degree by research or a PhD. All these programmes are offered full time and part-time so our students can choose to work in industry and still continue their studies.

## What our Students say!

- Cristina Coleman – Kenny graduated in 2012. She began her career as an electrician and went on to study in DIT. She started as a graduate engineer for ESB International in 2009. Cristina is a HV substation designer and has designed a number of 110/38 kV & MV AIS and GIS substations for ESB. She is also acting as Owners Engineer on behalf of ESB Networks for the construction of an Independent Processing Plant (IPP) as part of the Dublin Waste incinerator development.
- Mark Kelly - "I graduated from Electrical Services and Energy Management in 2014 and subsequently joined PM Group in Dublin.

Job opportunities were plentiful upon completion of the Level 8 in Electrical Services and Energy Management. I am employed as a graduate electrical engineer and I am currently enrolled in a part time Master's Degree while working for PM Group. Sectors I currently work in include Data Centre/Mission Critical Facilities, Waste to Energy Facilities, Med Tech and Pharma Projects.

- Niall McCoy graduated in 2010 and joined a renewable energy company. As the renewable industry has grown so did the opportunities. Currently I am responsible for wind farm development in a number of countries worldwide such as Canada, USA, South Africa, UK & Ireland. To date, I have successfully project managed and designed over 1.2 GW in installed wind farms.

## You might also be INTERESTED IN:

- Electrical & Electronic/Computer & Communications Engineering - DT021A Pg 140

# LEICTREACH & LEICTREONACH/INNEALTÓIREACHT RÍOMHAIREACHTA & CUMARSÁIDE

## ELECTRICAL & ELECTRONIC/COMPUTER & COMMUNICATIONS ENGINEERING

BE Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

### What is... Electrical & Electronic/ Computer & Communications Engineering?

This programme educates students to an honours level in electrical and electronic engineering and meets the educational standard required for chartered engineering membership of Engineers Ireland. The programme offers specialisation in the following areas:

Power Systems Engineering, Control Engineering, Communications Engineering, Electronic Engineering and Computer Engineering. Students entering this programme will follow the DT066 Engineering (General Entry) programme for the first year.

At the end of the first year students will normally progress to the second year of the DT021A programme which provides a general introduction to electrical and electronic engineering. At the beginning of the third year students commence their specialist options. During the second semester of the third year students will complete a 6 month work placement. In the fourth year, students undertake a major engineering project in Semester 2.

### Learning Outcomes:

### What will I Study?

Students select one major option from each of the following lists in third year:

**Electrical Power Engineering:** Analysis and design of modern power systems and associated plant.

**Control Engineering:** Design and application of control and automated systems, including robotics.

**Electronic Engineering:** Analysis and design of electronic systems.

**Communications Engineering:** Advanced communications, including emerging mobile systems & networks.

**Computer Engineering:** The programming and development of state-of-the-art computer systems.



### Further Information

[www.dit.ie/electricelectronicengineering](http://www.dit.ie/electricelectronicengineering)

### School of Electrical and Electronic Engineering



01 402 4905 (Prof. Max Ammann, Assistant Head of School)



max.ammann@dit.ie

## Module Listing

### Year Two

Mathematics • Programming • Electronic Systems • Control Engineering • Computer Architectures • Signals & Systems • Electrical Energy Systems • Communication Networks

### Year Three

Mathematics • Business & Management Studies • Instrumentation & Measurements • Field & Circuit Theory • Project Management • Digital Signal Processing • Communications Networks • Work Placement

In addition, students study their selected major option modules

### Year Four

Business & Management Studies • Engineering Project  
One module from a list of possible elective modules which typically include; Image Processing • Wind Energy & PV for Electricity Supply • Wireless Communications • Network Security • Software Engineering • Internet of Things

## What are my... Career Opportunities?

Engineering professionals are highly sought after by employers in a very wide range of fields, including power generation and distribution, telecommunications, transportation, information technology and renewable energy. Engineering professionals occupy senior positions in large multinationals, indigenous industry, SMEs, start-ups, government agencies and consultancy companies.

**Electrical & Electronic Engineers** would typically find employment in the power and energy sectors, the production and manufacturing industries, as well as the semiconductor and medical devices industries.

**Communications & Computing Engineers** would typically be found in communications, software development, and internet companies.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters and PhD Degrees in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- Networking Applications & Services – DT080B **Pg 152**
- Networking Technologies – DT080 **Pg 190**
- Electrical Services Engineering – DT010 **Pg 180**

- Electrical & Control Engineering – DT009 **Pg 178**
- Electronics & Communications Engineering – DT008 **Pg 182**

# INNEALTÓIREACHT (IONTRÁIL GHINEARÁLTA)

## ENGINEERING (GENERAL ENTRY)

BE Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	H4	06/H7

### Other Requirements

# Or a grade H4 in Applied Mathematics if combined with a minimum grade of H6 in Mathematics

## What is... Engineering?

DT066 is the common first year entry point for the majority of four year Level 8 Engineering Degrees in DIT. Students specialise in second and subsequent years and may choose:

- DT021A - Electrical & Electronic/Computer & Communication Engineering
- DT022 - Mechanical Engineering
- DT023 - Manufacturing & Design Engineering
- DT024 - Structural Engineering
- DT026 - Building Services Engineering (HVACR)
- DT027 - Civil Engineering

### Learning Outcomes:

## What will I Study?

DT066 Students learn fundamental principles (Mathematics, Physics and Chemistry), Engineering Applications (Mechanics and Electrotechnology) and Applied Skills (Technical Graphics, Computing and Professional Development). Throughout the year the theoretical subjects are supported by laboratories and a comprehensive programme of design projects including a robot building project, a bridge building project and an energy efficiency project.

## What our Students say!

See "DIT Engineering General Entry" on Youtube to hear our students speak about DT066

- "Employers were definitely impressed by the fact that I came from DIT"
- "You learn a lot and they (projects) are really really fun"
- "If you like making things then this is the course for you"



## Further Information

[www.dit.ie/multidisciplinarytechnologies](http://www.dit.ie/multidisciplinarytechnologies)

### School of Multidisciplinary Technologies



01 402 4014 (School Administrator)



[multidisciplinaryadm@dit.ie](mailto:multidisciplinaryadm@dit.ie)



COURSE CODE:

**DT066**

COURSE LENGTH:

**1 YEAR**

APPROX:

**160 PLACES**

LOCATION:

**BOLTON ST  
KEVIN ST**

POINTS 2017

**371**

## Module Listing

### Year One

Mathematics • Engineering Physics • Mechanics • Chemistry  
• Technical Graphics • Electrotechnology • Engineering  
Computing • Instrumentation for Engineers • Engineering  
Professional Practice • Design Projects

## What are my... Career Opportunities?

DT066 is the stepping stone to an exciting and rewarding career as a professional engineer. DIT's Engineering degrees are accredited by Engineers Ireland and our qualifications are recognised worldwide.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees and Research Degrees in DIT and elsewhere in Higher Education



## You might also be INTERESTED IN:

- ♦ Engineering (General Entry) - DT097 Pg 184

# EOLAÍOCHT GHEOGRAFACH

## GEOGRAPHIC SCIENCE

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Geographic Science?

It is Geography brought to life! Another name for Geographic Science is Geomatics.

Locational (spatial) information must be collected, processed and managed to produce maps, construction drawings and models. The professional responsible for this is a Geomatics Surveyor. We model, analyse and manage information from many sources. This provides us with lots of exciting career opportunities at home and abroad. We use interesting cutting-edge technologies including satellites, drones, laser scanners, aerial cameras and advanced surveying and computing to collect and manage our data.

### Learning Outcomes:

## What will I Study?

Geographic Science involves three fields of activity - Spatial Data Provision (measuring the land), Geographic Information Science and Land Management.

Spatial Data Provision involves the collection of data relating to the Earth (spatial data). Instruments such as GPS receivers, terrestrial airborne (including drones) and spaceborne cameras and scanners, electronic distance and angle measuring instruments (total stations) and much more, are used to collect precise data which is then processed to create digital maps and 3D models of our landscape for development, monitoring and planning. We collect and apply these data on construction sites, on the land, offshore and underground to meet the needs of a range of users.

Geographic Information Science (GIS) lets us visualise, question, analyse and interpret data to understand relationships, patterns and trends that enable better decisions about location to be made. This involves 3D modelling, computer visualisation, spatial analysis in GIS and delivery of the results and products (including location based services) to the client.

The third activity of Geographic Science is Land Management. This deals with the four main Land Administration systems - Land Value for Taxation, Land Tenure for Ownership of Property, Land Use for Planning, and Land Development for Construction and Conservation.



## Further Information

[www.dit.ie/geographicsscience](http://www.dit.ie/geographicsscience)

### School of Surveying & Construction Management



01 402 3676



[surveying@dit.ie](mailto:surveying@dit.ie)

## Module Listing

### Year One

Geodetic Surveying • Geo-Spatial Awareness • Mathematical Methods • Information Technology • Land Management • Professional Development

### Year Two

Mathematical Methods • Information Technology • Geodetic Surveying • Land Management • Geographic Information Science • Remote Sensing – Mapping from the air

### Year Three

Mathematical Methods • Information Technology • Geodetic Surveying • Land Management • Remote Sensing – Mapping from the air • Geographic Information Science • Professional Development • Work Placement

### Year Four

Professional Development • Geodetic Surveying • Land Management • Geographic Information Science • Remote Sensing – Mapping from the air • Spatial Information Applications • Dissertation (on individual research project)

## What our students say!

- I chose Geographic Science as I wanted more choices than just working in an office. The lecturers are all enthusiastic and that enthusiasm is passed onto the graduates. I work in the Lidar department of Ordnance Survey Ireland (OSi). It's an incredible place to work, and it makes great use of the skills I developed in college. The work is very diverse from quarry and flood mapping to forestry and road alignment projects.
- I'm working in the GIS Department in the National Parks and Wildlife Service of the Department of Environment, Heritage and Local Government. My principal duty is map creation. I chose to study Geographic Science for a number of reasons. There is a great balance between office and field work. The nature of the work allows you to be creative and artistic, as well as technical and precise. There is a large variety of specialised career paths available along with the possibility to travel and work in many parts of the world.

## What are my... Career Opportunities?

Go to the following link to view an animation on the careers available to a Geographic Science graduate - a geomatics professional: [www.dit.ie/surveyingconstructionmanagement](http://www.dit.ie/surveyingconstructionmanagement)

Graduates from the programme are highly sought after at home and abroad by private companies and government agencies. The BSc (Hons) degree is also accredited by the Society of Chartered Surveyors Ireland (SCSI), the Royal Institution of Chartered Surveyors (RICS) and the Institution of Civil Engineering Surveyors (ICES) which are internationally recognised. Graduates can become professional members and chartered surveyors.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Geographic Science provides a solid basis for many technical and applied areas of research and as a graduate of Geographic Science, you are eligible to apply to any university for a wide range of Masters and other research level programmes.

## Are there study abroad options?

The School has links with several European universities under the Erasmus/Socrates programmes. This facilitates the exchange of staff and students for study and research abroad.

## You might also be INTERESTED IN:

- ♦ Planning & Environment Management - DT106 Pg 154

# INNEALTÓIREACHT DÉANTUSAÍOCHTA & DEARTHA MANUFACTURING & DESIGN ENGINEERING

BE Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

## What is... Manufacturing & Design Engineering?

Almost everything we touch in daily life is designed and manufactured. The fundamentals of the Manufacturing & Design Engineering discipline are manufacturing technology, design for manufacture combined with business and enterprise management.

Of the many disciplines in engineering and technology, Manufacturing & Design Engineers have the vital task of solving society's innovation and production tasks. Manufacturing & Design Engineers are involved in the design of the product and the efficient management of resources and technology to produce quality goods and services for society. A key role for Manufacturing & Design Engineers in advancing the knowledge economy will be to develop more innovative products resulting in a high value-added manufacturing sector. Manufacturing & Design Engineers have skills and knowledge which can be applied across a broad spectrum of the engineering sector.

## Learning Outcomes:

## What will I Study?

The Manufacturing and Design Engineering programme aims to provide graduates with the appropriate mix of technical, managerial and communication skills, in order to equip them for a wide range of careers within a broad spectrum of industries. The programme is designed to provide the graduate with a full understanding of the structure and operation of a manufacturing enterprise and equip them with relevant planning and simulation tools to help make cost effective decisions. It aims to give an appreciation of the need for competitiveness in manufacturing industry. It will provide the learner with well-developed team working skills as well as strong innovation and entrepreneurial skills. It also aims to produce environmentally responsible engineers, who will conduct manufacturing activities with due regard to the environment and the relevant regulatory and legal requirements.



## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3823 (Robert Simpson – Assistant Head of School)



01 402 3841 (Dr. Colm O'Kane - Programme Leader)



01 402 3626 (School Administrator)



[robert.simpson@dit.ie](mailto:robert.simpson@dit.ie)



[colm.okane@dit.ie](mailto:colm.okane@dit.ie)



## Module Listing

### Year Two

Engineering Mathematics • Manufacturing Engineering • Computing • Manufacturing Automation • Engineering Economics & Management • Fluid Mechanics • Mechanics • Thermodynamics • Engineering Materials • Electro-Mechanical Engineering • Engineering Design • Computer Aided Design

### Year Three

Engineering Mathematics • Professional Development • Tool Design & Metal Forming • Mechanical Systems Design • Quality & Reliability • Engineering Design Projects • Thermofluids • Manufacturing Systems • Manufacturing Engineering • Design & Teambuilding Project • Materials Properties & Processing • Control Engineering

### Year Four

Quality & Reliability • Engineering Materials • Advanced Design & Machining • Industrial Networks & Automation • Professional Development • Medical Devices • Micro & Nano Manufacture • Design & Manufacture • Projects • Operations Management

\* A Major project is undertaken over the two final semesters. As part of this project students have the opportunity to become involved in the formula student competition which is to design and build a race car and compete against other Universities in Silverstone UK.

## What are my... Career Opportunities?

Career opportunities are excellent. In recent years all of the graduates gained excellent opportunities or engaged in research work. The industrial links with the final year project work and the formula student team project have received very positive reviews from industry.

Graduates have gained employment in technical/design roles in the automotive, electronics, medical devices, pharmaceuticals and food industries. Companies such as HP, Intel, Braun, Siemens, Dromone, JCB and DAF. Many progress quickly into technical management roles with high salaries.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who achieve the appropriate level have the option of continued study for an ME in Manufacturing Management & innovation. Alternatively they may complete a PhD by research.

## Are there study abroad options?

Students may have the opportunity to study abroad under the Erasmus exchange programme.

In third year students will have the opportunity to attend a design workshop in Lucerne Switzerland.



## What our Students say!

- Graduate & Winner of Best Manufacturing Engineering Project Award: Upon graduation I immediately took up a position as a process engineer in an automation company in Co. Cavan, Ualio Ltd, who specialise in electrical and automation solutions for industrial plants. My role within the company included designing and wiring panels, electrical drawings and programming of automated equipment.

I have now taken up a position working as a design

engineer with Combilift in Co. Monaghan who specialise in the manufacture of forklifts. The Manufacturing and Design Engineering programme gave me a great standing for the tasks required in such a demanding industry. Overall the programme gives a great insight into all areas of the manufacturing industry and with the mixture of design, practical, business, and the addition of such a rewarding and professional project as the Formula Student makes graduates prime candidates for any company in the manufacturing field.

## You might also be INTERESTED IN:

- ♦ Automation Engineering - DT003 Pg 168

# INNEALTÓIREACHT MHEICNIÚIL MECHANICAL ENGINEERING

BE Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

## What is... Mechanical Engineering?

Mechanical Engineering is one of the oldest, most broad-ranging and versatile engineering disciplines, covering all industry and many research sectors including: Power Generation, Aerospace, Engine Design, Pharmaceutical Processing, Biomedical Device Design, Renewable Energy Design, Transportation, and many more.

Mechanical Engineering is all about using science, mathematics and technology to find better ways of making mechanical and electro-mechanical things work. This may be designing electric vehicles to reduce pollution, designing enabling devices for people with a disability or improving the design of a wind turbine to catch the wind more efficiently, and doing all this in a sustainable, ethical and professional manner.

## What our Students say!

- The Honours Mechanical Engineering Degree at DIT provided me with a wide array of theoretical knowledge, hands on experience and the necessary support whenever I needed it. In particular, I believe the degree's strong emphasis on the more practical, industry-oriented aspects of engineering was instrumental in me finding a position in my chosen profession during this difficult economic period. I would strongly recommend that anyone looking to pursue a career in Mechanical Engineering consider studying at DIT.
- The programme has equipped me with many useful skills. I found that my communications skills and my ability to work under my own initiative as well as part of a team have developed significantly as a result of completing this programme. The practical approach undertaken in this programme has enabled me to understand key aspects of mechanical engineering in a novel and engaging manner. The staff were particularly supportive throughout the duration of the programme. It has been an enjoyable, worthwhile degree that I would highly recommend.

## Learning Outcomes:

## What will I Study?

The classroom and practical activities of this high quality Mechanical Engineering programme provide useful skills, knowledge and competencies which can be applied in many fields of industry and research. These activities include an excellent foundation in engineering science and mathematics, advanced design theory and practice, high quality project work and practical workshop/laboratory hands-on skills, but to name a few. All of these activities are supported by dedicated, experienced and supportive DIT staff.

### Graduates of the programme will be able to:

- ♦ Identify and define a mechanical engineering challenge, formulate and analyse effective and sustainable solutions, and subsequently implement the most appropriate solution.
- ♦ Design mechanical and mechanical related systems, components and processes to meet specific operating requirements.
- ♦ Utilise knowledge of fundamental science, mathematics, engineering science and technology, in tandem with a thorough knowledge of the mechanical engineering sciences to derive, develop and apply solutions to mechanical engineering and related challenges.
- ♦ Communicate effectively within the engineering community, professional environment and society in general.
- ♦ Identify and act upon their ethical responsibility, as members of the engineering profession, in all aspects of their professional practice.
- ♦ Conduct advanced mechanical engineering research involving the analysis and interpretation of research data for the attainment of useful empirical and scientific engineering knowledge.
- ♦ Sustain learning and educating within the mechanical engineering and related professional areas.
- ♦ Practice as a professional mechanical engineer on an individual basis, within team-based frameworks and as a contributor to multidisciplinary settings.
- ♦ The Mechanical Engineering Department at DIT has over 55 years of experience in delivering high quality programmes and continues to revise and expand its programmes by the introduction of advanced and modern technological content.

## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3894 (Dr Patrick Wulliamoz)



01 402 3932 (Ms. Susan Doyle)



[patrick.wulliamoz@dit.ie](mailto:patrick.wulliamoz@dit.ie)



[susan.doyle@dit.ie](mailto:susan.doyle@dit.ie)

## Module Listing

### Year Two

Engineering Mathematics • Thermodynamics • Mechanics  
• Electro-Mechanical Engineering • Engineering Materials  
• Engineering Economics & Management • Engineering  
Computing • Fluid Mechanics • Engineering Drawing &  
Design • Manufacturing Automation • Manufacturing  
Engineering • Statistics

### Year Three

Engineering Mathematics • Computer Modelling • Electrical  
& Electronic Engineering • Fluid Mechanics • Mechanics of  
Materials • Engineering Design • Professional Development  
• Applied Thermodynamics • Mechanics of Machines •  
Control Engineering • Materials Properties & Processes

### Year Four

Capstone Project (year long) • Engineering Mathematics •  
Computer Modelling • Engineering Management • Control  
Engineering • Heat Transfer • Fluid Mechanics • Mechanics  
of Machines • Energy Systems • Mechanics of Materials

## Are there study abroad options?

Students engaged in this programme have travelled to the U.S. and within Europe to study as part of this programme.

## What are my... Career Opportunities?

New graduates may expect many career opportunities in mechanical, manufacturing and process engineering industries and some research areas, both within Ireland and worldwide. Local, national and multi-national companies find graduates of this programme get up to speed rapidly and many of these graduates progress to the highest levels of engineering and management because of their practical engineering abilities, sound technical and scientific knowledge and high quality communication skills. Employers are also attracted by the Chartered Engineer connection with this programme.

Chartered Engineer status: This programme is accredited by Engineers Ireland and graduates can become members of Engineers Ireland. Following further studies and work experience, graduates may apply for Chartered Engineer (C.Eng.)

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Graduates may choose a Master's or Doctoral Degree in a Mechanical Engineering area at DIT or elsewhere. Due to the high-calibre of this qualification, third-level institutes in Ireland and abroad are readily interested in postgraduate applications from these graduates.

Many graduates choose to redirect their career towards consultancy, project-management, engineering education or entrepreneurship after some years of industry experience.



## You might also be INTERESTED IN:

- ♦ Mechanical Engineering - DT006 Pg 188

# NUÁIL i bhFEISTÍ LEIGHIS

## MEDICAL DEVICE INNOVATION

BSc Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Minimum NFQ Level 7 Degree in an Engineering or cognate Scientific discipline or equivalent. Candidates without relevant CAD background may, as a condition of entry, be required to undertake a support CAD module.

## What is... Medical Device Innovation?

Medical Devices encompasses all products, except medicines, used in healthcare for the diagnosis, prevention, monitoring or treatment of illness or disability. Examples include contact lenses, orthopaedic joint replacement, programmable pacemakers, stents, ventilators and laser surgical devices. The medical technology industry in Ireland is changing from being predominantly manufacturing based to becoming increasingly complex, value added and driven by R&D. It now involves the extensive collaboration of a broad range of partners, including research institutions, clinicians, manufacturing companies and government agencies.

### Learning Outcomes:

## What will I Study?

The Programme is designed to provide students with a range of knowledge and skills for employment in a medical device environment. The medical device industry provides graduate opportunities in design, manufacturing, technical services, customer support and a range of other services that add value to the sector. The programme was formulated with industry input in response to a number of recommendations highlighted in the March 2008 Forfás Report on the Future Skills Needs of the Irish Medical Devices Sector. The programme specifically addresses the need to upskill scientists, engineers and technologists and the provision of professional development within this sector.

## What our Students say!

- Ciarán Carney: "Graduating from the Medical Device Innovation course has provided me with the knowledge and skills required for the medical device industry. With lectures from a range of disciplines including 3D CAD, anatomy, biomechanics and medical device regulations, this programme has opened the doors to a multitude of career opportunities in this every expanding industry."
- Tim Jones: "I started the degree in medical device innovation not knowing what to expect. I found myself quickly getting drawn into the world of medical devices and wanting to find out more and more. With a focus on teamwork and personal development, the modules were extremely interesting and complemented each other. I'm now looking forward to my new career in the medical device sector!"

## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3952 (Dr. Graham Gavin - Programme Chair)



01 402 3832 (Mr. Mark McGrath - Dept Head)



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[mark.mcgrath@dit.ie](mailto:mark.mcgrath@dit.ie)



COURSE CODE:

**DT710**

COURSE LENGTH:

**1 YEAR**

APPROX:

**32 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year Two

**Semester 1:** Anatomy & Physiology • Basic Principles of Medical Device Technology • Computer-Aided Design Analysis • Applied Biomaterials • Lean/ Six Sigma • Innovation/ Project Management

**Semester 2:** Medical Device Design & Analysis • Medical Device Manufacturing • Validation & Regulatory Affairs • Team Design Project

## What are my... Career Opportunities?

Based on growth patterns in the sector, career opportunities are very positive. In Ireland, some 140 medical technology companies employ approximately 25,000 people, exporting in the region of €6.2b worth of products annually. Medical device products represent almost 10% of Ireland's exports and prospects for growth of the industry are good. Graduates may also pursue career in the pharmaceutical sector.

*\*For more career development options please see inside front cover*

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations may progress to Masters programmes in DIT or elsewhere in Higher Education.



# FEIDHMCHLÁIR & SEIRBHÍSÍ LÍONRAITHE NETWORKING APPLICATIONS & SERVICES

BSc Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Minimum NFQ Level 7 (Ordinary Degree) in a computer networking (e.g. DT080 – Networking Technologies) or engineering (e.g. DT008 – Electronics & Communications Engineering) or cognate scientific discipline or equivalent.

## What is... Networking Applications & Services?

This is a one-year, NFQ (National Framework of Qualifications) Level-8, honours degree programme leading to the award of Bachelor of Science (Honours) in Networking Applications & Services of the Dublin Institute of Technology. Graduates of this programme will be key players in IT (information technology) and communications network management teams. The programme provides a solid grounding in the principles of network security and distributed systems, mobile applications, system administration, software development, and M2M (Machine-to-Machine) technology, together with knowledge of management, marketing and law. A significant technical project will complement students' academic learning outcomes and ensure that on graduation they can immediately apply their skills.

## Learning Outcomes:

## What will I Study?

The modules of the programme rely heavily on computer programming skills, with one module devoted entirely to developing skills in this area, including an examination of Object-Oriented (OO) programming and design techniques. Students will have the opportunity to build mobile applications for iOS, Android, Windows Phone and BlackBerry, and to learn how to deploy them in the market place. Students will also learn to install and configure a range of internet server applications such as a Web server and a mail server. They will study the principles of cryptography and network security, the architecture, algorithms and designs upon which modern distributed systems are based, and the interconnection of systems that employ microcontrollers. Students will learn of the lifecycle of production and delivery and the benefits of adhering to the 7 principles of Universal Design. Finally, a project will provide a challenging practical opportunity to demonstrate students' assimilation and integration of technical knowledge, analytical competence, aptitude for problem-solving, design creativity, organizational ability, awareness of commercial factors, and interpersonal and communication skills.



## Further Information

[www.dit.ie/electricelectronicengineering](http://www.dit.ie/electricelectronicengineering)

## School of Electrical & Electronic Engineering



01 402 4801 (Joseph Kellegher)



[joseph.kellegher@dit.ie](mailto:joseph.kellegher@dit.ie)

COURSE CODE:

**DT080B**

COURSE LENGTH:

**1 YEAR**

APPROX:

**20 PLACES**

LOCATION

**KEVIN ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year One

Software Development • Mobile Applications • Embedded Systems Connectivity • Universal Design and Assistive ICT • Management, Marketing and Law • Open Source Software in the Enterprise • Network & Wireless Security Principles • Distributed Systems • Project

## What are my... Career Opportunities?

The Expert Group on Future Skills Needs (EGFSN)/Forfás report for 2013 has identified an increasing demand in the ICT (Information and Communication Technologies) sector for highly skilled professionals, particularly at NFQ Level 8. Every industry now requires professionals with IT skills, so whether you work in a dedicated ICT company or the IT department of a company in another industry, career opportunities are many and varied.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

As with any student holding a level 8 degree, opportunities exist nationally and internationally for progression to higher levels of study and post-graduate research.



## You might also be INTERESTED IN:

- ♦ Electrical & Electronic/Computer & Communications Engineering - DT021A **Pg 140**



# PLEANÁIL & BAINISTÍOCHT COMHSHAOIL

## PLANNING & ENVIRONMENTAL MANAGEMENT

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's		06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

This is a four year full time Level 8 Honours Degree programme which prepares students wishing to make their career in Planning or Environmental Management in Ireland or abroad.

There is a common first year on completion of which students select either spatial planning or environmental management options and graduate with a

- BSc Planning **OR**
- BSc Environmental Management.

## What is... Planning?

The programme prepares individuals to be decision makers and leaders in planning our urban and rural environments.

## What is... Environmental Management?

The programme prepares individuals to be decision makers and leaders in developing management solutions to environmental problems in our built and rural environments.

### Learning Outcomes:

## What will I Study?

Students take all subjects in year one and in second year select to study either spatial planning or environmental management areas and fully specialise in fourth year. Projects and fieldwork, under the supervision of practising professionals, are an integral part of the programme. In third year there is a field trip to another EU state. There is an opportunity for a work placement to be completed between third and fourth years.

**Planning** graduates will be able to prepare complex development plans, carry out sensitive environmental assessments and work with communities and developers to resolve difficult planning issues.

**Environmental Management** graduates will be equipped to carry out environmental audits, prepare and implement plans for waste and resources management, and prepare and evaluate environmental impact and risk assessment.



## Further Information

[www.dit.ie/stEEP](http://www.dit.ie/stEEP)

### School of Transport Engineering, Environment & Planning



01 402 3709 (Mr Conor Norton, Assistant Head of School)



01 402 3605 (Ms. Orla Hosford, School Office)



[conor.norton@dit.ie](mailto:conor.norton@dit.ie)



[orla.hosford@dit.ie](mailto:orla.hosford@dit.ie)



## Module Listing

### Year One

Geo – Spatial Awareness • Introduction to Environmental Management • Introduction to Spatial Planning • Built Environment • Data Management • Project – Settlement Analysis • Project – Layouts • Earth Sciences – Chemistry • Environmental Science – Biology • Society and Environment

### Year Two (Core Modules)

Social Research Methods • Introduction to Economics • Public Administration & Law • Earth Sciences – Habitats

### Year Three (Core Modules)

Buildings & Infrastructure • Environmental Assessment • European Context • Society & Governance

### Year Four (Core Modules)

Professional Practice • Dissertation  
**Spatial Planning Modules:** Collaborative Planning • Master Planning • Development Management • Project – Individual Spatial Plan • Regional/National Planning  
**Environmental Management Modules:** Environmental Auditing • Environmental Licensing • Project – Licensing • Rural Management Plans • Project – Environmental Assessment

## What are my... Career Opportunities?

Many **Planning** graduates specialise in urban design, retail, property development, transport and other specialist areas. Graduates of the programme may find employment in government agencies, local authorities, with industry or in private practice.

**Environmental Management** graduates may find employment in industry, environmental management consultancies, state agencies, local authorities, on environmental management audits, waste management, environmental impact assessment and conservation management.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard have access to a range of Post Graduate Degrees in DIT and elsewhere in Higher Education at Universities in Ireland, Europe and further afield.

## What our Students say!

- 'From working on field projects on water quality, to lab work, to learning about legislation and human interactions – this course was wide ranging and gave me a deep understanding and a new perspective on the environment. I work in health and safety now which is closely allied to environmental management and I wouldn't be where I am today if I hadn't studied this course.'
- 'My time spent studying Spatial Planning in DIT was stimulating, challenging and fun. The course struck the right balance between theory and practice, offering a rounded education. DT106 gave me the knowledge, skills and experience needed to compete with top graduates and to secure my preferred job. I highly recommend DIT's BSc in Spatial Planning to anyone aspiring to launch their career in the fields of planning, environment and urban studies.'

## Are there study abroad options?

During the programme there are opportunities to study abroad through the ERASMUS Programme.

It is possible to spend one or two semesters abroad in either the second or third year of the programme at Hamburg or Dortmund (Germany) or Tampere (Finland).

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Architecture - DT101 **Pg 128**
- ♦ Architectural Technology - DT175 **Pg 130**
- ♦ Civil Engineering - DT027 **Pg 134**
- ♦ Geographic Science - DT112 **Pg 144**
- ♦ Property Economics - DT110 **Pg 158**

# DEARADH TÁIRGÍ PRODUCT DESIGN

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Product Design?

The ever-increasing requirement by industry, commerce, retail and domestic markets for new products of all varieties has resulted in a thriving industry for businesses in the area of product design. Dublin Institute of Technology has developed this programme in response to market demand to produce graduates with the necessary theoretical knowledge and practical skills to work in today's demanding design fields.

The role of the product designer is to oversee the complete development cycle of a product in industry. Graduates will be capable of applying engineering principles in order to evolve a product's development cycle from initial concepts to manufacturing stage.

### Learning Outcomes:

## What will I Study?

During the course of the programme you will study how the creative aspect of design as developed in Creative Design Fundamentals and various Design Innovation Studios modules integrate with the manufacturing potential of your design supported by modules such as Manufacture and Materials through to analysis of your design as taught in Design Analysis.

The technologies involved in bringing a concept to market will be outlined and planned in modules such as Economics, Marketing and Legal Aspects of Product Design.

You will be supported by modules such as New Product Introduction and Business Process Management when you enter both National and International competitions.

Your final year project will allow you to bring all these various areas together in order to propose, conceptualise, design and develop your ideas to a professional and industrial standard.



## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3841 (Dr. Colm O'Kane, Programme Leader)



01 402 3823 (Robert Simpson, Assistant Head of School)



01 402 3626 (Maeve Coyne, Secretary)



[colm.okane@dit.ie](mailto:colm.okane@dit.ie)



[robert.simpson@dit.ie](mailto:robert.simpson@dit.ie)

COURSE CODE:

**DT001**

COURSE LENGTH:

**4 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**AUNGIER ST  
BOLTON ST  
GRANGEGORMAN**

POINTS 2017

**440**

## Module Listing

### Year One

Science ● Creative Design Fundamentals ● Design History ●  
Economics ● Marketing ● Communications ● Manufacture  
& Materials ● Computer Applications ● CAD & Drawing ●  
Economics ● Mathematics

### Year Two

Management and Strategy ● Applied Creativity in Design ●  
Design Innovation ● Virtual Modelling ● Modelmaking and  
Rendering ● Mathematics ● Applied Innovation in Design ●  
Science ● Product Visualisation ● Rapid Product Development  
● Design Tools and Technology ● Marketing Research

### Year Three

Enterprise Development / Business Process Management ●  
Creative Design Studio ● Design and Manufacturing Methods  
● Design for Tooling and Manufacture ● Design Theory ● New  
Product Introduction ● Product Development Studio ● Legal  
Aspects of Product Design ● Design Analysis Electro Technology

### Year Four

Integrated Design ● Time Compression Technologies ● Applied  
Design Medical/Automotive ● Design Innovation Research  
● Design Innovation Conceptualisation ● Final Year Project ●  
Marketing Case Studies ● Professional Practice

## What our Students say!

- The trilogy of knowledge this course offers including Engineering, Business and Creative Design is fundamental to producing an exceptional product designer and even an entrepreneur.
- After graduating from Product Design there were many job possibilities available to me. The area that I chose to look for work in was medical devices. The Product Design course enabled me to explore this line of work because as part of the curriculum there was a semester of classes that introduced the medical device industry and much of what I learnt is used daily in my job. Most of the work I do involves working closely with small groups of people, leading brainstorm sessions, using and developing new technologies. These are all skills that I learnt from Product Design at DIT.

## You might also be INTERESTED IN:

- ♦ Manufacturing & Design Engineering - DT023 **Pg 146**
- ♦ Design - Visual Communication - DT545 **Pg 22**
- ♦ Interior Design - DT544 **Pg 38**

## What are my... Career Opportunities?

Product Design offers a career which can be utilized in a broad array of industries. Every product moves through a development cycle, which some professions will have contact with as the design develops but the product designer oversees the complete development cycle.

From the electronic industry to the automotive, medical and aero industries, the product designer contributes his skill and expertise in helping to develop and drive these areas.

Those who qualify with a BSc( Product Design ) Degree are eligible for full membership of the Institution of Engineering Designers.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

An International exchange programme exists with Hong Kong Polytechnic University, San Francisco State University in the USA and Canberra University in Australia. Along with these, there are many exchange opportunities with Universities throughout the European Union through the ERASMUS program.

# EACNAMAÍOCHT RÉADMHAOINE

## PROPERTY ECONOMICS

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS:	FIVE DISTINCTIONS
BBSAX/5M2468 Business Admin BBSXX/5M2102 Business Studies	

## What is... Property Economics?

The Property Economics course educates students for professional careers in commercial property investment and development i.e. retail (shopping), office and industrial. Graduates can work in valuation surveying, real estate, property investment and management, auctioneering and estate agency in Ireland and abroad. It is also suitable for those interested in property development, town planning and the general investment market.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

### Learning Outcomes:

## What will I Study?

The programme seeks to progressively develop and integrate the various core and complementary disciplines required for the professional education of a property economist or a property asset manager.

It particularly emphasises Property Valuations, which together with the other core modules of Economics, Planning and Investment Analysis gives the Property Economics programme its orientation. For the Property Asset Management & Valuation option in final year, the emphasis is changed somewhat to concentrate on property Asset Management, Housing Studies and Valuation.

Property Valuation is a skill based on the application of economic and financial evaluation techniques to land and buildings. This skill requires a broad knowledge of a wide range of subjects, and an understanding of the economic, physical and legal framework within which buildings are used and the property market operates. Thus, the programme is generalist in the sense that its scope is wide but specific in that it seeks to apply knowledge to a particular sector of the economy. The educational approach seeks to develop in the student the ability to evaluate and integrate information from diverse sources to arrive at a conclusion. This is a distinctive characteristic skill of the valuer.

In addition, the possession of wider business management and financial analysis skills is becoming an increasingly important requirement for property valuers and property asset managers who wish to develop their careers in the changing circumstances of private practice, in commercial organisations or in the public service. Consequently, this need is reflected in curriculum content and in the detailed study of the workings of the wider investment markets of which the property market forms part.

Alternatively with the Property Asset Management & Valuation option in final year, the focus is on property as an asset and how it can be used to benefit its owners, users and the general public.

## Further Information

[www.dit.ie/surveyingconstructionmanagement](http://www.dit.ie/surveyingconstructionmanagement)

### School of Surveying & Construction Management



01 402 3675 (Mr Martin Hanratty)



[martin.hanratty@dit.ie](mailto:martin.hanratty@dit.ie)



COURSE CODE:

**DT110**

COURSE LENGTH:

**4 YEARS**

APPROX:

**35 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**377**

## Module Listing

### Year One

Investment & Development Valuations • Professional Development / Integrated Project • Economics • Residential Construction Studies and Building Pathology • Quantitative Methods/Analysis • Financial Management • Law • Foundation German (option)

### Year Two

Investment & Development Appraisal Valuations • Sustainable Development & Tort Law • Economics for Property • Commercial Building Studies • Quantitative Analysis for Property • Property Marketing • Land & Conveyancing Law • Planning • Architecture & Urban Societies • Applied Building • German for Engineering & the Built Environment (option)

### Year Three

Statutory Valuations • Integrating Real Estate Investment Strategies • Planning • Urban Economics • Research Methods & Proposal Writing • Taxation of Property Transactions • German for Engineering and the Built Environment (option) • Work Placement

### Year Four

Appraised Statutory Valuations • Planning • Urban Economics • Property Finance & Development • Investment Portfolio Analysis • Real Estate Challenge • Advanced Statutory Investment & Valuations • Thesis

In the fourth year each Investment & Valuation Surveying student prepares a major dissertation as part of the final examination.

Those choosing the Property Asset Management option take modules in • Housing • Project Management • Shopping Centre Management • Asset Management and an Individual Case Study

## What are my... Career Opportunities?

Graduates are principally employed by property consultancy firms, such as Lisney, Savills, Jones Lang Lasalle, DTZ Sherry Fitzgerald and CBRE. They also find work with auctioneers & estate agencies, property development companies, local authorities and major property owning companies, both public and private such as the ESB, the Bank of Ireland, HSE and Irish Life in the area of property and asset management.

The skills you will obtain on the course are not just valued in the property and construction industries, but can be used to establish careers in business, accountancy, banking, law, marketing, investments etc. as well as their target industries.

The BSc (Hons) degree is accredited by the Society of Chartered Surveyors in Ireland (SCSI) and also by the Royal Institution of Chartered Surveyors (RICS). This accreditation is recognised internationally and means that graduates of the course can and do obtain employment throughout the world.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students have the opportunity to study abroad for a semester on Erasmus Exchange in Hanze University in Groningen, Holland and also to participate in the European Challenge Competition in Berlin.

From September 2016, students will have the option to:

- Complete a Work Placement module in Year 3
- Qualify with a BSc in Property Economics (with German)

As part of the German language option, students may undertake their Work Placement in Germany.

## You might also be INTERESTED IN:

- ♦ Auctioneering, Valuation & Estate Agency - DT104 **Pg 168**
- ♦ Planning & Environmental Management - DT106 **Pg 154**
- ♦ Quantity Surveying & Construction Economics - DT111 **Pg 160**

# SUIRBHÉIREACHT CHAINNÍOCHTA & EACNAMAÍOCHT FOIRGNÍOCHTA QUANTITY SURVEYING & CONSTRUCTION ECONOMICS

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS:  
CCONT /5M5010 Construction Technology

FIVE DISTINCTIONS

## What is... Quantity Surveying & Construction Economics?

This programme prepares students for a career in the construction industry. It is designed for those who wish to work as quantity surveyors and economic advisors/managers in the construction industry or as building development co-ordinators and managers.

Quantity Surveyors are engaged in private practice as partners or employees in professional firms. They may also work for building/civil engineering contractors or sub-contractors. In addition there are Quantity Surveyors employed in government departments, semi-state bodies and public authorities.

### Learning Outcomes:

## What will I Study?

Students will gain a detailed knowledge and understanding of the framework within which the construction industry operates, namely the technical, economic, legal, financial, managerial and administrative framework. They will also have gained a detailed knowledge and understanding of the specialised areas of cost and value management, tender documentation, procurement, construction administration and management. They will have gained the ability to manage their own learning, in order that they may act in their employment in variable and unfamiliar contexts, and to do so with a clear understanding of the professional and ethical issues involved.



## Further Information

[www.dit.ie/surveyingconstructionmanagement](http://www.dit.ie/surveyingconstructionmanagement)

### School of Surveying & Construction Management



01 402 3873 (Dr Alan Hore, Head of Quantity Surveying)  
01 402 3997



[alan.hore@dit.ie](mailto:alan.hore@dit.ie)

## Module Listing

### Year One

Construction Studies • Measurement & Costing • Financial Management • Economics • Construction Law • Information Technology • Quantitative Methods • Professional Development/Integrated Project • Foundation German (Option)

### Year Two

Construction Studies • Measurement & Costing • Financial Management • Construction Law • Construction Management • Programming & Planning • Pre-contract Practice • Post contract Practice • German (Optional) • German for Engineering & the Built Environment (Optional)

### Year Three

Construction Studies • Construction Economics • Financial Management • Construction Law • Measurement & Costing • Construction Administration & Management • German for Engineering & Built Environment (Optional) • Work Placement

### Year Four

Commercial Management • Construction Economics • Measurement & Costing • Development Project • Strategic Management & Ethics (Optional) • Conflict Avoidance & Dispute Resolution (Optional) • Project Management (Optional) • Corporate Property Asset Management (Optional) • Dissertation or Company Project

## What our Students say!

- "This course hosts such a wide range of opportunities. It provides a broad knowledge of the construction industry and the economic world around us. I am currently working for KSN Quantity Surveyors and this course prepared and provided me with the skills required by the industry. Above all, the small class sizes and approachable lecturers in DIT are a massive advantage to the students."

## What are my... Career Opportunities?

Job titles may include quantity surveyor, construction cost consultant or commercial manager. While the name may vary, the job is the same.

Graduates normally enter the job market as a Graduate Quantity Surveyors who can work for general contractors, subcontractors, private practice consultants, local authorities or any employer that manages costs that are related to new building, civil engineering project, mechanical and electrical installations, oil or gas industry or refurbishment projects.

The common theme is that they seek to minimise costs while creating quality projects. Graduates of this programme are very versatile with transferrable skills who can enter into a variety of complimentary careers, such as, loss adjusting, legal profession, project management and property management to name a few.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

There is an option to study German in years 1-3 and be placed in a German speaking company in semester 2 of year 3. There is also an option to partake in an Erasmus exchange programme.



## You might also be INTERESTED IN:

- Auctioneering, Valuation & Estate Agency - DT104 **Pg 166**
- Planning & Environmental Management - DT106 **Pg 154**
- Property Economics - DT110 **Pg 158**

# INNEALTÓIREACHT STRUCHTÚR STRUCTURAL ENGINEERING

BE Leibhéal 8 / Level 8

## ENTRY REQUIREMENTS:

Successful completion of DT066 - Engineering (General Entry) Year 1

## What is...Structural Engineering?

Structural engineers are involved in the design of buildings, bridges, factories, power stations, communication towers, dams, stadiums, oil and gas rigs and wind turbines.

### Learning Outcomes:

## What will I Study?

Students on this programme will study structural analysis, mechanics of materials, design of steel and concrete, geotechnical engineering, environmental engineering, concrete and material technology and design projects.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9<sup>AM</sup>-2<sup>PM</sup> 01.12-02.12



## Further Information

[www.dit.ie/civilengineering](http://www.dit.ie/civilengineering)

### School of Civil Engineering



01 402 4039 (Dr Niall Holmes, Assistant Head of School)



[niall.holmes@dit.ie](mailto:niall.holmes@dit.ie)



COURSE CODE:

**DT024**

COURSE LENGTH:

**3 YEARS**

APPROX:

**35 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**(SEE DT066)**

## Module Listing

### Years Two to Four

Engineering Mathematics • Professional Development •  
Fluid Mechanics • Engineering Analysis • Structural Analysis  
• Mechanics of Materials • Concrete Technology • Surveying  
• Design of Steel and Concrete • Geotechnical Engineering •  
Design Project • Construction Management and Economics •  
Highway Engineering • Scheme Design • Final Year Project

## What are my... Career Opportunities?

Structural engineers are typically employed in consulting engineering design offices, on-site with contractors and local authorities. Due to their extensive problem solving skills, structural engineers are highly sought after in business and financial institutions.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees in DIT and elsewhere in Higher Education. The School of Civil and Structural Engineering in DIT offers Masters (Level 9) and PhD research degrees.

## Are there study abroad options?

There are Erasmus opportunities available to live and study abroad.



## You might also be INTERESTED IN:

- ♦ Civil Engineering - DT027 **Pg 134**
- ♦ Civil Engineering - DT004 **Pg 176**
- ♦ Building Services Engineering (HVACR) - DT026 **Pg 132**
- ♦ Building Services Engineering (HVACR) - DT005 **Pg 174**

# OIBRÍOCHTAÍ & TEICNEOLAÍOCHT IOMPAIR

## TRANSPORT OPERATIONS & TECHNOLOGY

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Transport Operations & Technology?

Transport is a service industry involving the efficient movement of people and goods. It is of vital importance to the national economy. This honours degree programme, leading to a Bachelor of Science (Hons) Degree in Transport Technology, is interdisciplinary and embraces the fundamental principles and applications of technology, business and the management in order to provide a solid foundation for the management and operation of transport systems.

The main objective of the course is to produce a graduate capable of solving problems and making informed decisions in a modern technologically sophisticated transport industry. There is work placement in year 3 (whole of semester 2) which enables the student to gain real world experience in the transport industry and built relationships with potential employers. A graduate will require: A detailed knowledge of the transport industry; A thorough understanding of the technology of transport; The skills and knowledge required to manage people and other resources; Communication, problem-solving and decision-making skills.

### Learning Outcomes:

## What will I Study?

On successful completion of the programme the graduate will:

- Possess a knowledge and understanding of concepts and principles specific to the study of transport systems as they relate to road, rail, air and marine transport
- Have knowledge and understanding of the technical aspects of transport vehicles, with due regard to their efficient operation and maintenance
- Have a knowledge and understanding of business and management concepts, and principles, as they apply to the operation of transport systems
- Have a knowledge and understanding of the practical operation and management of transport systems

## What our Students say!

- "The four years spent studying DT028 Transport Technology and Operations have been the most exciting, sometimes challenging but very well worth it. The students have an opportunity to gain insights into the transport industry from academic and professional perspectives, where the lecturers share their experiences from the road, sea, rail and aviation industries.

The work placement stage in the third year allowed us to step into the professional world and gain experience in the chosen industry. Many dedicated students have returned to the companies after the graduation and are currently working there. The course will prepare anyone willing to work in the transport industry to the best professional standard, allowing students to effectively engage in the transport operations at the early days of their professional careers.

The course has presented me with an opportunity to get involved in the area I have been always interested in, and I am currently working in an International Department coordinating road freight movements from and to Ireland, the UK, Europe and the rest of the World. The knowledge of national and international legislation, accounts, road transport, deep sea, aviation industry regulations and all other relevant topics covered during the course are certainly helping with day-to-day operations making the job enjoyable, manageable and relatively easy."

- 'I highly recommend DT028, Transport Operations and Technology to anyone considering it on their CAO. After 4 years we became knowledgeable in not only road, rail, sea and air, but many aspects that are essential in modern industry, from IT to communications and finance. The course had a perfect mix of lectures, field trips, assignments and work placement. We in the class of 2012, have all made friends for life and are in successful and varied careers in the transport industry across the globe'

## Further Information

[www.dit.ie/engineering](http://www.dit.ie/engineering)

### School of Transport Engineering, Environment & Planning



01 402 4068 (Roisin Murray Head of Transport / Asst. Head, School of Transport Engineering and Environment Planning)



[roisin.murray@dit.ie](mailto:roisin.murray@dit.ie)

COURSE CODE:

**DT028**

COURSE LENGTH:

**4 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**261**

## Module Listing

### Year One

**Semester 1:** Introduction to Transport • Road Vehicle Technology (Intro) • Mathematics & Science for Technology • Legal Studies • Communications • Information Technology

**Semester 2:** Road Transport Operations • Airport Operations • Marine Operations & Technology • Vehicle Electrical Systems • Mathematics & Science for Technology • Transport Economics • Management (Intro)

### Year Two

**Semester 1:** Railway Operations • Engine Technology • Transport Economics • Management - Accounting • Legal Studies • Information Technology

**Semester 2:** Road Transport Operations (Legislation) • Materials Handling • Road Vehicle Technology • Railway Technology • Management - Accounting • Communications • Quantitative Methods

### Year Three

**Semester 1:** Transport of Dangerous Goods • Airline Operations • Aircraft Technology • Communications • Information Technology • Road Vehicle Technology

**Semester 2:** Work Placement

### Year Four

**Semester 1:** Road Transport Operations (Fleet Management) • Management (Financial Management) • Transport Marketing • Engine Technology (Fuels & Combustion) • Aircraft Technology

**Semester 2:** Road Transport Operations • Management (Strategic Management) • Transport Maintenance & Workshop Management • Vehicle & Engine Performance Testing • Dissertation

## What are my... Career Opportunities?

Career prospects are excellent. The transport sector is one of the key sectors in Ireland and abroad. It is a growing industry and offers a vast range of career opportunities. There are many career opportunities for graduates in all branches of transport, in both the private and public sectors. On completion of the course, graduates will be suitably qualified for a career in the transport industry where they will be able to apply and use the knowledge and skills gained on the course.

Typical positions following completion of the programme include: Transport Fleet Coordinator, Transport Planner, Freight Forwarding, Transport Maintenance Coordinator, Transport Scheduler and others. This is an internationally recognized programme so graduates have the opportunity to work abroad throughout the world.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have the opportunity to pursue further study and progress to a level 9 programme in DIT or elsewhere in Higher Education.

## Are there study abroad options?

Yes, graduates can progress onto other study abroad and this honours degree programme is recognised internationally.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Logistics & Supply Chain Management - DT358 **Pg 112**

# CEANTÁLAÍOCHT, LUACHÁIL & GNÍOMHAIREACHT EASTÁIT AUCTIONEERING, VALUATION & ESTATE AGENCY

BSc Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Auctioneering, Valuation & Estate Agency?

This programme is suitable for those wishing to prepare for a career as an estate agent, property manager or property valuer and aims to give an understanding of the legal, economic and physical framework within which the property market functions.

To provide property services in the areas of sales, letting or property management, it is a legal requirement to obtain a licence from the Property Services Regulatory Authority (PSRA). Graduates of this programme are eligible to apply for this licence.

Students may leave with a graded Certificate in Auctioneering, Valuation and Estate Agency upon successfully completing year two of the programme (having gained 120 ECTS credits), allowing them to apply for their licence from the PSRA.

### Learning Outcomes:

## What will I Study?

A range of modules are taught to provide students with an understanding of selling, leasing, valuing and managing property. The programme also provides students with the analytical skills to understand financial areas that impact upon the job of an estate agent, property valuer and property manager.

The programme develops your skills in:

- interpersonal relationships
- logical thinking
- teamwork
- presentations and communication
- numeracy and computing
- managing tight deadlines
- self-motivation



## Further Information

[www.dit.ie/surveyingconstructionmanagement](http://www.dit.ie/surveyingconstructionmanagement)

### School of Surveying & Construction Management



01 402 3675 (Mr Martin Hanratty - Head of Department)



01 402 3741 (Declan McKeown - Programme Chair)



[martin.hanratty@dit.ie](mailto:martin.hanratty@dit.ie)



[declan.mckeown@dit.ie](mailto:declan.mckeown@dit.ie)



COURSE CODE:

**DT104**

COURSE LENGTH:

**3 YEARS**

APPROX:

**45 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**279**

## Module Listing

### Year One

Valuations • Economics • Finance/Accounting • Law  
• Construction Drawing & Cartography • Marketing •  
Quantitative Methods /Information Technology (Financial &  
Statistical Mathematics)

### Year Two

Valuations • Property Management & Taxation • Marketing  
& Taxation • Financial Management • Law • Construction  
Studies • Planning • Quantitative Methods

### Year Three

Valuations • Marketing & European Investment Markets •  
Land Use Economics • Building • Housing • Feasibility Study  
• Architecture & Urban Society

## What are my... Career Opportunities?

Estate Agents and auctioneers are involved in the sale, letting, management and valuation of residential and commercial buildings. The programme provides students with the academic knowledge and vocational skills to function effectively in the built environment workplace.

Generally, graduates work in the larger firms or in small partnerships. The programme is very suited to those with an entrepreneurial spirit and also provides the skills to enable graduates, after gaining appropriate work experience, to open their own business.

The career is suitable for those who have an interest in people and the built environment. Other desirable traits are an outgoing nature and the ability to get on with people.

*\*For more career development options please see inside front cover*

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What other options do I have after completion?

Students who have reached the appropriate level at the end of their final year on the programme and who meet certain prerequisites have the opportunity to transfer to the third year of the Property Economics honours degree programme (DT110) or the third or final year of the BSc Property Studies Part Time honours degree programme (DT159).

## Are there study abroad options?

Students have the opportunity in the third year of the programme to apply for a position on the ten-day International Real Estate Challenge which is a Third Level Institute Project, based in Berlin.

## You might also be INTERESTED IN:

- ♦ Property Economics - DT110 **Pg 158**
- ♦ Planning & Environmental Management - DT106 **Pg 154**
- ♦ Quantity Surveying & Constructin Economics - DT111 **Pg 160**

- ♦ Geographic Science - DT112 **Pg 144**

# INNEALTÓIREACHT UATHOIBRITHE

## AUTOMATION ENGINEERING

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Automation Engineering?

Automation Engineering involves the design, development and implementation of sensor and robotic systems for applications across a wide range of technological sectors. Modern engineering systems employ a broad spectrum of technologies, which when integrated provide for improved efficiency, quality and reliability. The combination of Mechanical, Electrical and Electronic Engineering with Computer Technology, namely, Mechatronics, is core to this endeavour. This integrated approach is becoming increasingly important in modern technological environments. This programme is delivered from a multi-disciplinary perspective, thus equipping graduates for a diverse range of modern technological roles.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

### Learning Outcomes:

## What will I Study?

Students will develop a range of skills in the design and implementation of automation solutions; from 3D Computer Aided Design (CAD, Solid-Modelling), sensor and instrumentation selection, programming of robotics to the management of the resulting systems. The study programme is designed to provide the student with the skills necessary to perform as a technologist in a range of industries.

The programme appropriately combines academic class-work and practical "hands-on" work in DIT laboratories and workshops. Work placement in a suitable industrial environment is undertaken in Semester 2 of Year 2.

On completion of the programme, students will be able to:

- ♦ Apply a body of knowledge and a range of skills to the integration of Mechanical, Manufacturing, Electrical and Electronics systems with Software Engineering and Computer Technology at a level appropriate to modern automation and manufacturing systems.
- ♦ Demonstrate a level of competency in design and construction of electromechanical systems operating under programmed control.
- ♦ Explain and assess the functionality, operation and integration of a variety of electro-mechanical hybrid devices, equipment and systems.
- ♦ Use tools, machines and materials in a safe manner, identify hazards and evaluate risks.
- ♦ Use a range of software based engineering tools and applications (Solid-Modelling software), as well as word processing, spreadsheet, database and presentation software.
- ♦ Locate, evaluate and utilize relevant information from technical manuals, drawings databases and other sources.
- ♦ Demonstrate relevant transferable and interpersonal skills, such as, communications, teamwork, project management and self-management skills.
- ♦ Distinguish between and be able to implement the management functions and the supervisory roles within manufacturing organisations.

## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering



01 402 3823 (Robert Simpson)



[robert.simpson@dit.ie](mailto:robert.simpson@dit.ie)



01 402 3659 (School Administrator)



EUROPEAN SOCIAL FUND



Ireland's EU Structural Funds  
Programmes 2007 - 2013

Co-funded by the Irish Government  
and the European Union

COURSE CODE:

**DT003**

COURSE LENGTH:

**3 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**290**

## Module Listing

### Year One

Mathematics • Mechanical Systems • Electrical Systems •  
Automation Technology • Communications Studies • CAD & IT  
• Electronic Systems • Manufacturing Systems

### Year Two

Mathematics • Mechatronics • Automation Systems •  
Manufacturing Systems • Communications Studies • 3D CAD  
& IT • Team Project

Work Experience in a High Tech Manufacturing Environment

### Year Three

Mathematics • Manufacturing Management • Mechatronics  
• Systems Integration • CAD and Information Technology •  
Project • Industrial Automation • Business & Management  
Project - The final stage of the programme includes a major  
practical project which runs throughout the academic year.

## Are there study abroad options?

Yes. There are Erasmus agreements with many third level institutes across Europe where 1 and 2 semester student exchanges can be facilitated.

## What are my... Career Opportunities?

Excellent! The qualification is appropriate to those wishing to take up employment in high tech. sectors as high calibre technologists. Typical industries include Medical Device, Pharmaceutical and Electronics Manufacturing. Many graduates are now finding employment with high technology companies across Europe and beyond.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who reach the appropriate level in final examinations and meet certain subject prerequisites may progress to Level 8 Honours Degree programmes (typically enter at Year 3 of the 4 year programmes at DIT or elsewhere). Those who graduate with this Bachelor of Engineering Technology Degree (BEng Tech) degree qualify for the Associateship membership (AMIEI) of EI.

## What our Students say!

- David White: "I would highly recommend anyone interested in engineering to do Automation Engineering. The first year of the programme gives you a general overview of the different sciences and technologies for study in Automation and Robotics. The Maths and science classes are delivered to small groups of students so the lecturers can give additional help as you need it. I did my work placement with PAK Automation/ A.C.I. (Automated Components Ireland), this was a great opportunity to get my hands dirty and apply the knowledge gained in college, wonderful experience. The automation equipment in the laboratories is industry-standard which puts us at a major advantage when we go out into the workplace and I am excited by my employment prospects both in Ireland and abroad".
- Pedro DaSilva: "I chose Automation Engineering as I have always been interested in automation technology and robotics. This brought me into a different environment, a building with active and busy people, laboratories and workshops where components and systems move automatically. Staff are very helpful and approachable and the programme includes interesting classes in science, technology, PLC programming and Computer Aided Design. My work placement in 2nd year brought me to the Bioengineering Department in Trinity College Dublin. Being part of a work environment was great and my work included testing experimental projects, assembling of electrical systems, working in clean room environment, and brainstorming design sessions. My final year project involved the design and manufacture of a system for the packaging of medical devices. This programme opens up employment opportunities across a wide range of industries and I am looking forward to embarking on this journey".

## You might also be INTERESTED IN:

- Manufacturing & Design Engineering - DT023 **Pg 146**
- Electrical & Control Engineering - DT009 **Pg 178**
- Electrical Service Engineering - DT010 **Pg 180**
- Engineering System Maintenance - DT002 **Pg 186**
- Electronics & Communications Engineering - DT008 **Pg 182**
- Engineering (General Entry) - DT097 **Pg 184**

# BAINISTÍOCHT & TEICNEOLAÍOCHT GHLUAISTEÁN

## AUTOMOTIVE MANAGEMENT & TECHNOLOGY

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Automotive Management & Technology?

The motor industry is an exciting and dynamic place to work. This programme is tailored to prepare graduates to perform in senior technical, administrative, supervisory and management positions. It will equip them with the necessary mix of academic and practical skills, giving them an inter-disciplinary approach to carrying out tasks. An important part of the programme is the final year Automotive Engineering Technology Project.

### What our students say!

- Graduate 2009 - Commercial Vehicle Sales Administrator: "DT007 has provided all the fundamentals necessary to jump start my career in the automotive industry and has made working in such a complex and dynamic industry an enjoyable and rewarding experience."
- Graduate 2010: "DT007 was a very interesting and challenging programme, upon completion of DT007, I progressed onto a level 8 programme DT028."
- Third Year Student: "DT007 is a very interesting and challenging programme, I particularly enjoyed the final year Automotive Engineering Technology project as this brought all aspects of the programme together."

### Learning Outcomes:

## What will I Study?

Automotive management and technology prepares learners for careers in the motor industry, it is a combination of management, business and technology studies that are ideally suited to the wide range of technical administrative, supervisory and management roles available in this huge and dynamic industry. On successful completion of the programme the graduate will be able to demonstrate knowledge and understanding of:

- The roles, responsibilities and requirements of different activities across the multifunctional areas of an automotive business
- The characteristics of the management role; the management and development of people within organisations; organisational behaviour; and human resource management
- The use of relevant communication techniques for application in an automotive business
- The uses of accounting for managerial and reporting applications
- The development, management and use of information systems and technologies and their impact on automotive operations
- The legislative and regulatory framework in which the automotive industry operates
- The maintenance and servicing techniques required for modern vehicles
- The principles and operation of the mechanical systems found in motor vehicles
- The principles and operation of electrical/electronic systems found in motor vehicles
- Automotive diagnostic and testing procedures
- The health and safety aspects of working in a vehicle servicing and repair environment
- Engineering science principles and their application to motor vehicle technology

## Further Information

[www.dit.ie/engineering](http://www.dit.ie/engineering)

### School of Transport Engineering, Environment & Planning



01 402 4068 (Roisin Murray Head of Transport / Asst. Head, School of Transport Engineering and Environment Planning)



[roisin.murray@dit.ie](mailto:roisin.murray@dit.ie)



## Module Listing

### Year One

**Semester 1:** Automotive Technology • Management Studies • Legal Studies • Communications • Information Technology • Automotive Workshop Practice

**Semester 2:** Marketing • Automotive Electrical Systems • Vehicle Body Repair Technology • Management (Supervisory) • Maths • Automotive Science

### Year Two

**Semester 1:** Engine Technology • Maths • Automotive Service & Repair Operations • Information Technology (AutoCad) • Legal Studies • Automotive Workshop Practice

**Semester 2:** Automotive Technology • Automotive Science Laboratory • Automotive Bodyshop Management • Automotive Science • Communications • Automotive Sales Operations

### Year Three

**Semester 1:** Automotive Technology • Management (HRM) • Financial Maths and Statistics • Communications • Automotive Workshop Practice • Automotive Engineering Technology Project

**Semester 2:** Automotive Science • Automotive Electrical Systems • Automotive Science Laboratory • Information Technology • Automotive Design • Automotive Engineering Technology Project

## What are my... Career Opportunities?

Graduates of the programme have a wide range of career options. Employment prospects are good as there is a continuously strong demand for suitably qualified graduates to fill the many technical, administrative, supervisory and management positions available in all sectors of the motor industry.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the Year 3 or 4 level in DIT and elsewhere in Higher Education.

## Are there study abroad options?

The Department has links with a number of Erasmus partner institutions, currently in France, Germany and Poland. These allow students the opportunity to undertake an Erasmus exchange abroad. The Department is currently establishing links and building relationships with a number of partner institutions in the United States.



## You might also be INTERESTED IN:

- Transport Operations & Technology - DT028 **Pg 164**
- Mechanical Engineering - DT006 **Pg 188**
- Engineering (General Entry) - DT097 **Pg 184**

# TEICNEOLAÍOCHT EITLÍOCHTA

## AVIATION TECHNOLOGY

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Aviation Technology?

The Bachelor of Engineering Technology in Aviation Technology prepares learners for careers in the aviation industry. The programme is aimed at meeting the employment needs of the aviation sector by providing graduates with a degree level qualification. The programme offers an interdisciplinary approach in which the students obtain a mix of technological, business and management skills specifically related to the aviation industry.

### Learning Outcomes:

## What will I Study?

Students learn to develop the following skills:

- Develop individual skills by enhancing the conceptual and analytical abilities of the graduate for application within the context of the civil aviation industry framework.
- Develop an understanding of the importance of Training and Education within the Aviation Industry by fostering an ethos within the graduate to be self-motivating and pursue personal development and lifelong learning skills.
- Develop an intricate technical knowledge and understanding of the Principles of Flight.
- Develop personal and interpersonal skills to enable managing oneself, and others within the industry.
- Develop competence in information systems integral to aviation/ aircraft operations, management and maintenance.
- Provide the graduate with an understanding of the complex inter-relationships existing within the various sub-sectors of the Aviation Industry (Legislative design, Manufacturing, Commercial, Operations and Maintenance)



## Further Information

[www.dit.ie/engineering](http://www.dit.ie/engineering)

School of Transport Engineering, Environment and Planning



01 402 2962 (Dr Eoin Plant)



[Eoin.Plant@dit.ie](mailto:Eoin.Plant@dit.ie)

01 402 3991

## Module Listing

### Year One

**Semester 1:** Maths for Technology • Electricity & Electronics • Materials Hardware & Maintenance Practices • Aerodynamics • Structures & Systems • Aircraft Engines • Aeronautical Workshop Practice

**Semester 2:** Electricity and Electronics • Aerodynamics • Structures & Systems • Engineering Mechanics • Avionics • Thermo-fluids • Electricity & Electronics Lab

### Year Two

**Semester 1:** Electricity & Electronics • Information Technology • Electricity & Electronics Lab • Avionics • Aircraft Engines • Aviation Legislation

**Semester 2:** Human Factors • Aerodynamics • Structures & Systems • Aeronautical Workshop Practice • Communications • Employment Law & Employee Relations • Health & Safety

### Year Three

**Semester 1:** Financial Management & Accounting • Avionics • Materials Hardware & Maintenance Practices • Commercial Maintenance Management • Project Management • Group Project

**Semester 2:** Technical Services • Planning • Spares & Logistics • Airline Operations • Quality Assurance • Professional Development • Group Project

## What are my... Career Opportunities?

Graduates will find employment in a range of areas including airline operations - maintenance planning - scheduling - quality assurance and control - fleet management - technical administration - purchasing - spares trading and provisioning - maintenance repair and overhaul operations.

\*For more career development options please see inside front cover

## What other options do I have after completion?

There is an opportunity to progress to DT028 – Transport Operations and Technology (Level 8 Honours Degree) after successful graduation, subject to conditions. Students who have reached the appropriate standard may also have access to other programmes in DIT and elsewhere at third level.



## You might also be INTERESTED IN:

- ♦ Mechanical Engineering - DT022 **Pg 148**
- ♦ Mechanical Engineering - DT006 **Pg 188**
- ♦ Automotive Management & Technology - DT007 **Pg 170**
- ♦ Transport Operations & Technology - DT028 **Pg 164**
- ♦ Engineering (General Entry) - DT097 **Pg 184**



# INNEALTÓIREACHT SHEIRBHÍŚÍ FOIRGNÍOCHTA (HVACR)

## BUILDING SERVICES ENGINEERING (HVACR)

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Building Services Engineering (HVACR)?

Building Services Engineers are responsible for designing the engineering systems in buildings. These systems consume almost half of all the energy we use today. Building Services Engineers together with architects design energy efficient and environmentally-friendly buildings.

All the mechanical and electrical systems inside a building which make it safe, make it work and make it a great place to be, come under the title of 'Building Services Engineering'.

How do we design buildings that consume much less or even no energy at all? This is the challenge that you'll face as a modern Building Services Engineer.

## What our Students say!

- The ordinary degree in Building Services Engineering is a very practical course, with great project work. It gave me the opportunity to move up onto the honours degree, something which wasn't possible when I was first looking for a place at college.
- I wasn't completely sure that building services was what I wanted to do at first but I find the BEng Tech course very interesting. We're in the middle of our second semester project at the moment, which should be good preparation for the larger third year design project.

### Learning Outcomes:

## What will I Study?

There is a strong emphasis throughout the course on low energy design and the application of what you learn through practical and project work. When you've completed the course you will have a detailed knowledge of the design of energy efficient engineering systems in modern buildings.

In the first year you'll complete a "design, make and test" project. An example of this could be to design, make and test a solar collector. You will learn about how energy is used in buildings, how to design heating and ventilation systems and undertake mini project work. You will also study physics and maths.

In the second year you'll learn more about the design of mechanical and electrical engineering systems and buildings using computer aided design. You will learn about assessing the energy performance and energy rating of buildings. Projects are an important part of the second year allowing you to apply what you have learnt during the lectures to an actual building. You will complete two design projects in the second year working in a group with other students.

The third year of the course includes the major design project and dissertation. The main design project builds on the project in the second year. You will design all the engineering systems for a large commercial building including design drawings and calculations. The dissertation is a detailed study into one area of your project that you find interesting. This might be about solar energy or a new method of air conditioning.

## Are there study abroad options?



The School has links with a number of Erasmus partner institutions, currently in France, Germany and Finland. These allow students the opportunity to undertake an Erasmus exchange abroad. To discuss study options that are available, contact the Erasmus Coordinator of the School of Civil Engineering.

## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical and Design Engineering

- 01 402 3833 (Mr Chris Montague, Course Head)
- 01 402 3826 (School Administration)

-  [chris.montague@dit.ie](mailto:chris.montague@dit.ie)
-  [cbse@dit.ie](mailto:cbse@dit.ie)



## Module Listing

### Year One

Energy & Buildings • Design Make & Test Project • Thermal Performance of Buildings • Natural & Mechanical Ventilation of Buildings • Engineering Mathematics • Engineering Physics • Engineering Design & Communication • Computing & Engineering Graphics • Thermal Insulation, Cladding & Fabrication Technology

### Year Two

Management Studies • Computer Aided Design & Energy Performance • Electrotechnology, Electronics & Measurement • Engineering Mathematics • Heating Systems • Engineering Water Services • Engineering Team Project • Heating System Design • Fluids & Thermodynamics • Ventilation & Air-conditioning • Construction Technology • Team Project • Ventilation System Design

### Year Three

Electrical Distribution & Control Systems • Dissertation & Design Project • Air Conditioning Systems • Engineering Renewable & Low Energy Technologies • Building Load Assessment & Computer Modelling • Fuels, Combustion & Gas Services • Acoustics & Vibration Engineering • Engineering Mathematics • Engineering Management

## What are my... Career Opportunities?

Graduates work with Ireland's top engineering design and high technology companies such as ARUP, Project Management Group, Intel, Hewlett Packard, Pfizer, Dublin Airport Authority, Boston Scientific and RTE.

There is a need for Building Services Engineers who are experts in improving the energy performance of buildings and opportunities exist in the expanding fields of energy management and renewable energy from solar and geothermal energy sources. Many past graduates are successfully working abroad in the UK, America and Australia.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who reach the appropriate level in the final year have the opportunity to join the third year of the Building Services Engineering Level 8 degree programme within DIT and elsewhere in Higher Education.

Many of the Departments best students graduating from the Level 8 degree have started their studies on the BEngTech in Building Services Engineering.



## You might also be INTERESTED IN:

- ♦ Building Services Engineering (HVACR) - DT026 **Pg 132**
- ♦ Civil Engineering - DT027 **Pg 134**
- ♦ Civil Engineering - DT004 **Pg 176**
- ♦ Engineering (General Entry) - DT097 **Pg 184**

# INNEALTÓIREACHT SHIBHIALTA

## CIVIL ENGINEERING

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Civil Engineering?

Civil Engineering Technologists design and construct roads, bridges, railways, dams, water supply systems and sanitary services.

### Recognition by Professional Bodies

Those who successfully complete this programme meet the Technician Engineer academic requirements of Engineers Ireland and may qualify for the Associateship grade of membership after they have completed a suitable period of practical training.

### Learning Outcomes:

## What will I Study?

This programme presents applicants with an opportunity to develop their mathematical and analytical skills to solve many of the problems encountered in the broader civil engineering industry. Civil Engineering is an ideal choice for aspiring graduates looking for a high-tech career that offers opportunities to work both indoors and outdoors.

This programme equips graduates with the necessary skills to work as civil engineering technologists, carrying out much of the detailed analytical and design specifications on a building project. An interest in problem solving, computation and mathematics is important. Each year of the programme is delivered over two semesters with examinations at the end of each semester.

At the end of Year 2 students are offered a choice of entering options in Civil/Environmental or Structural Engineering in Year 3.




## Further Information

[www.dit.ie/civilengineering](http://www.dit.ie/civilengineering)

### School of Civil and Structural Engineering

- 01 402 3638 (Una Beagon, Assistant Head of School)
- 01 402 3635 (School Administrator)

 [una.beagon@dit.ie](mailto:una.beagon@dit.ie)

## Module Listing

### Year One

Mathematics & Computation • Structural Mechanics • Engineering Science • CAD/Graphics • Building Technology & Geology • Engineering Communications & Practice • Introduction to Civil Engineering

### Year Two

Mathematics & Computation • Surveying • Engineering Communications • Management & Practice • CAD/Graphics • Civil Engineering Procedures & Practice • Structural Analysis & Design • Environmental Engineering

### Year Three

Core Mathematics & Computation • Engineering Economics & Management • Soil Mechanics • Main Project  
**Structural Option:** Structural Analysis • Structural Design Steel/Concrete  
**Civil/Environmental Option:** Highway & Transportation • Water/Environmental Engineering

## What are my... Career Opportunities?

Civil Engineering graduates can expect excellent employment prospects with recognised career path opportunities in consulting engineering design offices, contracting, materials supply and as building site managers. Some graduates can expect to be in private practice or working on behalf of national and local authorities. Graduates can expect a varied and challenging career with good salaries, secure employment and good promotion opportunities.

Some graduates will expect to continue their studies onto Level 8 programmes either within DIT or elsewhere.

Students who successfully complete year two of this programme and who do not wish to progress to third year will receive a Higher Certificate award.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access Honours Degree programmes at the Year 3 level in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- Civil Engineering - DT027 **Pg 134**
- Building Services Engineering (HVACR) - DT026 **Pg 132**
- Building Services Engineering (HVACR) - DT005 **Pg 174**
- Structural Engineering - DT024 **Pg 162**
- Engineering (General Entry) - DT097 **Pg 184**

# INNEALTÓIREACHT LEICTREACH & RIALÚCHÁIN

## ELECTRICAL & CONTROL ENGINEERING

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Electrical & Control Engineering?

Electrical and Control Engineering involves a variety of engineering roles from the day to day running of ECG machines and ventilators in hospitals to engineering technologist positions in manufacturing plants and in the electrical power industry to name but a few. Graduates can be responsible for the electricity supply and electronic systems in unusual and exciting work environments such as cruise liners and aircraft. They also develop and install high-security alarm systems, advanced lighting, and automated production equipment.

Electrical and Control Engineering involves analysing complex electrical and electronic circuits and power systems. In addition, computing skills, ranging from ECDL to advanced level programming in control and automation systems are required in order for students to enter careers in the many areas of electrical power, automation, robotics, pharmaceutical and manufacturing industries.

### Learning Outcomes:

## What will I Study?

In the first year the student is introduced to a broad range of foundation courses that underpin modern Electrical Engineering.

At the start of the second year the student is offered the choice of one of two streams in either Control and Automation Systems or Electrical Energy Systems.

In addition there are a number of option courses available to allow the student broaden his/her knowledge base.

**Electrical Energy Systems:** techniques used and the equipment required for the efficient generation, transmission and use of electricity.

**Control and Automation Systems:** design and programme robotic production lines and other automated systems.

An important feature of the programme is that of building the students communication, professional development and management skills.

In the final year all students complete their studies by engaging in a substantial engineering project in their chosen specialist field.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## Further Information

[www.dit.ie/electricalelectronicengineering](http://www.dit.ie/electricalelectronicengineering)

### School of Electrical & Electronic Engineering



01 402 4938 (Mr. Colm Murray)



01 402 4874 (Mr Michael Farrell)



[colm.murray@dit.ie](mailto:colm.murray@dit.ie)



[michael.farrell@dit.ie](mailto:michael.farrell@dit.ie)



COURSE CODE:

**DT009**

COURSE LENGTH:

**3 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**KEVIN ST**

POINTS 2017

**251**

## Module Listing

### Year One

Mathematics • Engineering Science • Electrical Principles • Professional Development • AutoCAD • Electrical Services • Electronic Systems • Electrical Practice

### Year Two

Mathematics • Electrical Systems • Control and Automation Systems • Electrical Energy Systems • Engineering Computing • Electronic Systems • Instrumentation & Measurement • Engineering Design & Practice • Industrial Computing

### Year Three

Sustainable Energy Systems • Project Management • Engineering Project • Control Systems & Automation • Electrical Energy Systems

**Options:** three subjects from a group including: Electrical Services, Systems Engineering, Mathematics, Signals & Systems, Robotics, Industrial Electronics, and Business Entrepreneurship

## Are there study abroad options?

Students have the opportunity of completing their final year project abroad in a European University under the Erasmus Exchange programme.

## What are my... Career Opportunities?

Because of the broad nature of the programme, Electrical and Control Engineering graduates from DIT have found employment in a variety of engineering roles in the following industries: Electrical Power Systems, Renewable Energy, Automation, Robotics, Pharmaceutical Industries, Process and Manufacturing Industries, Medical Devices and many more.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who have reached the appropriate level in their award have the opportunity to gain advanced entry to the 3rd year of DIT honours degree programmes, and programmes at other Higher Education Institutions.

Students who successfully complete Year 2 of this programme and who do not wish to progress to the third year will receive a Higher Certificate award.



## You might also be INTERESTED IN:

- Automation Engineering - DT003 **Pg 168**
- Electronics & Communications Engineering - DT008 **Pg 182**
- Electrical Services Engineering - DT010 **Pg 180**

- Engineering System Maintenance - DT002 **Pg 186**
- Engineering (General Entry) - DT097 **Pg 184**

**178 - 179**

# INNEALTÓIREACHT SHEIRBHÍŚÍ LEICTREACHA

## ELECTRICAL SERVICES ENGINEERING

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Electrical Services Engineering?

The field of Electrical Services Engineering and Sustainable Design incorporates engineering disciplines employed both in modern buildings as well as the broader concerns associated with the green economy. These environments require graduates with a high degree of knowledge capability and diversity in an ever expanding engineering context with an ability to apply such skills in the retrofit and upgrade of facilities.

### Learning Outcomes:

## What will I Study?

The disciplines covered by the programme include environmental control and communication, power distribution, standby generation, lighting, emergency services (lighting and fire), access control, data services, automation, building management systems and many more. As well as expertise in these areas, graduates from this programme will have expertise in the application of low carbon technologies including green generation technologies.

Students will have a keen interest in how things work and in problem solving. There is plenty of scope for exercising innovation, creativity and flair when using new technologies to solve everyday problems.

Green building technology, efficient use of energy and sustainability are all areas that are addressed. The programme also includes modules covering project management, refrigeration, heating, ventilation & air-conditioning as well as renewable plant technologies.



## Further Information

[www.dit.ie/electricalelectronicengineering](http://www.dit.ie/electricalelectronicengineering)

### School of Electrical & Electronic Engineering



01 402 4882 (Mr Keith Sunderland, Programme Chair)



01 402 4617 (Ms Frances Malone, Administration)



[keith.sunderland@dit.ie](mailto:keith.sunderland@dit.ie)



[frances.malone@dit.ie](mailto:frances.malone@dit.ie)

## Module Listing

### Year One

Engineering Mathematics • Energy and the Environment  
 • Electrical Principles • Electrical Services Design •  
 Safety Engineering • Engineering Science • Professional  
 Development • Computer Applications & Professional  
 development • Computer Aided Drawing (AutoCAD) •  
 Electrical Standards

### Year Two

Engineering Mathematics • Renewable Energy Plant  
 • Electrical Services Plant • Life Protection Systems •  
 Building Information Modelling • Electrical Services Design  
 • Professional Development • Building Services • Project  
 Management • Services Design Project

### Year Three

Engineering Mathematics • Sustainable Building Engineering  
 • Renewable Energy Plant • Electrical Services Plant •  
 Industrial / Building Automation • Electrical Services Design  
 • Building Services • Project Management • Services Design  
 Project

## What are my... Career Opportunities?

Electrical Services Engineers enjoy a very varied, interesting work environment.

There are many areas in which graduates can develop an interest and subsequently specialise. These include working in an electrical design office for a consulting engineer as engineering systems support in the manufacturing sector, technical sales support, project management, energy and environmental control or in the provision of industrial services. The work invariably involves both office based and site/location activity.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who graduate from DT010 may progress to the BSc Honours Degree in Electrical Services & Energy Management - DT035 (Full Time) or DT018 (Part Time).

And from there to the MSc in Energy Management - DT711 (Full Time) or DT015 (Part Time).

Graduates may also gain Advanced Level Entry to other higher degree programmes in DIT and elsewhere in Higher Education.



## You might also be INTERESTED IN:

- Electrical & Control Engineering - DT009 **Pg 178**
- Electronics & Communication Engineering - DT008 **Pg 182**
- Automation Engineering- DT003 **Pg 168**
- Engineering System Maintenance - DT002 **Pg 186**
- Engineering (General Entry) - DT097 **Pg 184**

# INNEALTÓIREACHT LEICTREONACH & CUMARSÁIDE ELECTRONICS & COMMUNICATIONS ENGINEERING

BEngTech Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		04/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Electronics & Communications Engineering?

Communications technology is one of the most sophisticated and rapidly changing application areas of electronics. It now pervades the daily lives of every person, through mass communication networks, as well as person-to-person communications based on fixed and wireless networks. A good example is the Internet which has undergone explosive growth in the last few years. Communications also now involves a wide range of information, not just data, but also voice, multi-media and video.

### Learning Outcomes:

## What will I Study?

The programme prepares students for challenging careers in Electronic and Communications Engineering in areas such as design support, development and production. The programme has a particular focus on Communications Engineering, particularly in the latter years.

Graduates of the programme who achieve a high average mark in the final examinations are eligible for transfer into the honours degree programme in Electrical & Electronic/Computer & Communications Engineering (DT021A).

## What our Students say!

- I always had an interest in "how things work" which is why I choose this programme. There is a nice mix of applied work and lectures and the laboratory work is all relevant to real life examples such as "How a computer stores data on a USB key". My final year project is developing a digital CAD package with another student.
- Engineering covers such a wide area that I have a lot of choices available to me this year when I finish. Some of my choices would be to pursue further study and study for my honours degree and specialise in another area or work in industry for a while.
- I started this programme not knowing anyone in DIT, but that only lasted a short time as I have made some really great friends. In my three years in DIT I have become involved in societies, volunteering events and sports clubs. College life is nothing like secondary school, I love it!

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9<sup>AM</sup>-2<sup>PM</sup> 01.12-02.12**

## Further Information

[www.dit.ie/electricalelectronicengineering](http://www.dit.ie/electricalelectronicengineering)

### School of Electrical & Electronic Engineering



01 402 4576 (Dr Andreas Schwarzbacher)



01 402 4575/4665 (School Administrator)



[andreas.schwarzbacher@dit.ie](mailto:andreas.schwarzbacher@dit.ie)



[info@electronics.dit.ie](mailto:info@electronics.dit.ie)



COURSE CODE:

**DT008**

COURSE LENGTH:

**3 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**KEVIN ST**

POINTS 2017

**254**

## Module Listing

### Year One

Engineering Science • Mathematics • Digital Age Technology  
• Communication Systems • Electric Circuits & Devices •  
Electronic Systems & Practice • Communication Skills •  
Software Systems • Computer Systems

### Year Two

Mathematics • Electronics • Software Design • Digital  
Communications Engineering • Digital Electronics & VLSI •  
Signals & Systems • Microcomputer Systems

### Year Three

Mathematics • Electronics • Software Design •  
Communications Systems • DSP Applications, Business

Students also undertake an engineering project in the third year, which gives them a valuable insight into the solution of real-world engineering problems.

Students are required to choose one optional module in third year. The typical modules available are Microelectronic Materials and Devices, Wireless Systems, Digital System Integration, Microprocessors and Embedded Systems.

All of the technical subjects in the three years of the programme include a range of applied laboratory activities designed to enhance the knowledge and skills of the students.

## What are my... Career Opportunities?

Graduates of this programme can pursue a highly satisfying, well-paid career path in areas of employment such as working as an engineer for example, as part of a design team or developing sophisticated test systems. After gaining some experience there are also management opportunities. This programme will find employment for our graduates in a wide range of industries such as electronics, communications, pharmaceuticals, and other related areas.

\*For more career development options please see inside front cover

## What other options do I have after completion?

The DIT 'Ladder System' allows students who reach the appropriate level in final examinations progress to honours degree programmes.

Students who successfully complete year two of this programme and who do not wish to progress to the third year will be eligible for a Higher Certificate award.



## You might also be INTERESTED IN:

- Electrical Services Engineering - DT010 **Pg 180**
- Automation Engineering - DT003 **Pg 168**
- Electrical & Control Engineering - DT009 **Pg 178**
- Engineering System Maintenance - DT002 **Pg 186**
- Engineering (General Entry) - DT097 **Pg 184**

# INNEALTÓIREACHT (IONTRÁIL GHINEARÁLTA)

## ENGINEERING (GENERAL ENTRY)

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Engineering?

This 1-year programme provides a general access route to engineering programmes for those who have not decided which engineering discipline they would like to study.

On successful completion of the programme, students will have the mathematical and scientific basis to successfully enter the second year of eight different Level 7 discipline-specific programmes. In addition, in a limited number of cases, some students with proven ability may be permitted to progress to the first year of the Level 8 Bachelor of Engineering honours degree programme at DIT.

This course will suit students who have an interest in technology and in solving problems in the engineering world.

Students are assessed by a combination of examinations at the end of each semester and continuous assessment projects.

### Learning Outcomes:

## What will I Study?

You will study a combination of maths, science, engineering design, drawing and you will also be given a general introduction to the engineering profession. There is a strong emphasis on group projects within the programme.



## Further Information

[www.dit.ie/multidisciplinarytechnologies](http://www.dit.ie/multidisciplinarytechnologies)

### School of Multidisciplinary Technology



01 402 4059 (Eddie Conlon, Assistant Head of Department)



[edward.conlon@dit.ie](mailto:edward.conlon@dit.ie)

COURSE CODE:

**DT097**

COURSE LENGTH:

**1 YEAR**

APPROX:

**64 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**370**

## Module Listing

### Year One

**Semester 1:** Engineering Maths • Engineering Technology  
• Mechanics & Engineering Material • Design Projects •  
Introduction to the Engineering Profession • CAD

**Semester 2:** Engineering Maths • Engineering Physics •  
Mechanics & Engineering Materials • Design Projects •  
Elective Modules

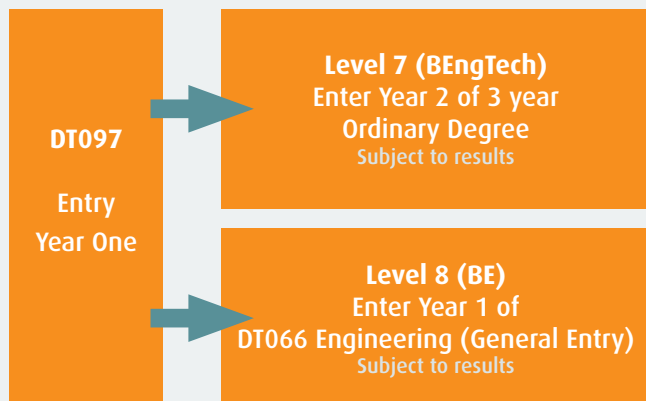
## What other options do I have after completion?

After successfully completing first year, students are eligible for transfer into year 2 of one of our Level 7 (BEngTech) programmes. Those who achieve a high average mark in their examinations and a high mark in mathematics are also eligible for entry into year 1 of DT066 - Engineering (General Entry) Level 8

**Level 7** - Bachelor of Engineering Technology (BEngTech) in the chosen Level 7 Degree.

or

**Level 8** - Bachelor of Engineering (BE) Honours Degree DT066 - Engineering (General Entry) Level 8 in DIT.



Students who pass DT097 have a choice of entering 2nd year of the following Level 7 Bachelor of Engineering Technology (BEngTech) Degrees in DIT:

- DT002 - Engineering Systems Maintenance
- DT003 - Automation Engineering
- DT004 - Civil Engineering
- DT005 - Building Services Engineering (HVACR)
- DT006 - Mechanical Engineering
- DT008 - Electronic and Communications Engineering
- DT009 - Electrical and Control Engineering
- DT010 - Electrical Services Engineering

Students who pass DT097 with a high average mark and a high mark in mathematics may enter year 1 of DT066 – Engineering (General Entry) Level 8 and may then progress to year 2 of;

- DT021A - Electrical & Electronic/Computer & Communications Engineering
- DT022 - Mechanical Engineering
- DT023 - Manufacturing & Design Engineering
- DT024 - Structural Engineering
- DT026 - Building Services Engineering (HVACR)
- DT027 - Civil Engineering

## You might also be INTERESTED IN:

- ♦ Engineering (General Entry) - DT066 [Pg 142](#)

# COTHABHÁIL CÓRAIS INNEALTÓIREACHTA ENGINEERING SYSTEMS MAINTENANCE

BEngTech Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Engineering Systems Maintenance?

Engineering Systems Maintenance is an engineering activity which allows graduates to work in a mechanical /manufacturing/electrical engineering maintenance environment in high-tech multi-national companies as well as traditional indigenous industries and public utilities. These activities are a key component of an industry's competitiveness as well as ensuring efficiency, safety and reliability of production and service delivery of utilities. Graduates of the course will have acquired the requisite knowledge and skills to operate effectively in an environment where diagnostic and applied engineering skills will be valued and rewarded.

### Learning Outcomes:

## What will I Study?

The Engineering System Maintenance programme was specifically designed to meet the increasing demands on maintenance technologists. The function of maintenance engineering personnel has changed in the past two decades. This has led to a demand in modern industry for an integrated multi-skilled, flexible maintenance technologist, with expertise in the complementary disciplines of electrical, mechanical, fluid power and computer applications.



## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering

- 01 402 3659 (Miriam Daly)
- 01 402 3761 (John Brennan, Programme Chair)
- [john.brennan@dit.ie](mailto:john.brennan@dit.ie)



## Module Listing

### Year One

**Semester 1:** Maths • Computer Software Applications • Communications • Power Conditioning • Maintenance Principles of Power Transmission • Electro-Technology

**Semester 2:** Maths • Electro-Technology • Applied Engineering Science • Applied Engineering Materials • Maintenance Principles of Power Transmission • Programmable Logic Controllers

### Year Two

**Semester 1:** Maths • Facilities Operation Maintenance & Efficiency • Maintenance & Asset Management • Instrumentation • Maintenance Diagnostic Systems • Applied Engineering Science

**Semester 2:** Maths • Facilities Operation Maintenance & Efficiency • Computer Aided Design • Electrical Service Plant • Programmable Logic Controllers • Maintenance & Asset Management

### Year Three

**Semester 1:** Maths • Reliability • Availability • Maintainability & Supportability • Electrical Facilities Maintenance • Mechatronics • Facilities Operation Maintenance & Efficiency • Project

**Semester 2:** Advance Maintenance Techniques • Business Management • Metrology & Quality • Computurised Plant Maintenance • Project

## What are my... Career Opportunities?

Manufacturing industry in Ireland has expanded significantly over the past number of years, especially in the pharmaceutical and chemical industry. Promotion to higher positions within an organization is dependent on your ability, application and dedication. The option of self-employment is also a feasible and attractive one.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in final examinations and meet certain subject prerequisites may have the opportunity to access honours degree programmes at the Year 3 level in DIT and elsewhere in Higher Education.

Those who qualify with a Bachelor of Engineering Technology Degree meet the Technician Engineer level requirement of Engineers Ireland and can qualify for the Associateship grade of membership after they have completed a suitable period of practical training.

Students who successfully complete Year 2 of the programme and who do not wish to progress to the third year will receive a Higher Certificate award.



## You might also be INTERESTED IN:

- Mechanical Engineering - DT006 **Pg 188**
- Automation Engineering - DT003 **Pg 168**
- Electrical & Control Engineering - DT009 **Pg 178**

- Building Services Engineering (HVACR) - DT005 **Pg 174**
- Electronics & Communications Engineering - DT008 **Pg 182**
- Engineering (General Entry) - DT097 **Pg 184**

# INNEALTÓIREACHT MHEICNIÚIL

## MECHANICAL ENGINEERING

BEngTech Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Mechanical Engineering?

Mechanical engineering education and training involves learning how to creatively apply a strong scientific, mathematical and practical basis to the design of safe, reliable, environmentally sound and cost effective systems and equipment. Teamwork, communication skills and knowledge of how to apply and use modern computer simulations and control systems are important skills to all Mechanical Engineers. Mechanical Engineers perform the basic research needed to advance knowledge in the engineering sciences and Mechanical Engineering focuses on the skills needed to be an effective problem solver.

### What our students say!

- I chose to study the Bachelor of Engineering Technology Degree in Mechanical Engineering as I have always had an interest in Engineering and Maths. With this qualification I can enter work in the engineering sector as a technologist or technician involved primarily in the design, manufacture, installation and maintenance of mechanical systems. Afterwards, I can pursue an Honours Degree in Mechanical Engineering through the ladder system in DIT to further my qualifications and I feel confident for the future.

### Learning Outcomes:

## What will I Study?

Students are exposed to a wide range of laboratory and practical mechanical engineering tasks that complement the theoretical modules. The Mechanical Engineering Programme maintains its traditional flexibility, allowing its graduates a wide choice of opportunity in all industries. It stresses the fundamentals while embracing the changes in advanced technology. It also provides the core transferable skills which prepare graduates for career changes when desirable.

During Year 1 of the programme, students undertake a wide range of practical skills including welding, metal fabrication, machining, technical drawing, computing and experimental work. These practical lifelong learning skills are developed further in year 3 of the programme when students undertake an individual project, combining research, design, mechanical development, testing, analysis, presentation and report writing skills.

The Mechanical Engineering Department places great emphasis on independent learning and learners develop their skills in this area through project work, independent assignments and team work activities. Students are encouraged to visit Industries as part of their studies and report on their findings to their peers and lecturers.




This three-year full-time programme prepares learners for the Bachelor of Engineering Technology (Mechanical Engineering) degree award. At the start of the third year, learners are offered a choice; Process Plant Technology or Manufacturing Technology.

Those who have successfully completed the programme satisfy the academic requirements for Associate Membership grade of Engineers Ireland.

## Further Information

[www.dit.ie/mechanicalanddesignengineering](http://www.dit.ie/mechanicalanddesignengineering)

### School of Mechanical & Design Engineering

-  01 402 3605 (Head of Department)
-  01 402 3932 (Ms. Susan Doyle)
-  [susan.doyle@dit.ie](mailto:susan.doyle@dit.ie)

COURSE CODE:

**DT006**

COURSE LENGTH:

**3 YEARS**

APPROX:

**75 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**321**

## Module Listing

### Year One

Mathematics • Energy & Technology • Instrumentation • Mechanics & Materials • Workshop Processes • Professional Development • Engineering Drawing • Computer Systems & Applications

### Year Two

Mathematics • Applied Energy Systems • Applied Mechanics • Design CAD & Materials • Electrical Technology & Electronics • Control Systems & Instrumentation • Engineering Management Studies • Manufacturing Technology • Engineering Computing

### Year Three

Mathematics • Mechanics & Materials • Electrical Technology & Electronics • Control Systems & Instrumentation • Engineering Management Studies • CAD 3D • Main Project (Design, Make and Test with Thesis)

**Optional Modules:** Select 3: Process Systems Analysis or Manufacturing Methods • Energy System Designs or Product Design • Unit Operations or Manufacturing Management

## Are there study abroad options?

As part of the programme, students can avail of the ERASMUS scheme whereby they can study abroad for a semester or full year and gain credits that are relevant to their qualification.



## What are my... Career Opportunities?

Mechanical Engineering technologists are involved in the design, prototyping, manufacture and installation of all types of plant and equipment ranging from small individual components to complete factories or process plants. Graduates have excellent prospects of employment with manufacturing, research, consulting and processing organisations along with state and semi-state agencies.

Mechanical Engineers design products and systems essential to everyday modern life from home appliances, motor vehicles, to satellites, wheelchairs, airplanes, robots, energy equipment, fuel cells, industrial equipment and environmental control systems.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Many students combine the broad technical knowledge gained in their undergraduate studies with further study in Mechanical Engineering. Students can advance to the Third year of the Honours Degree in Mechanical Engineering (DT022) on completion of DT006.

## You might also be INTERESTED IN:

- Mechanical Engineering - DT022 **Pg 148**
- Automotive Management & Technology - DT007 **Pg 170**
- Aviation Technology - DT011 **Pg 172**
- Engineering System Maintenance - DT002 **Pg 186**
- Automation Engineering - DT003 **Pg 168**
- Engineering (General Entry) - DT097 **Pg 184**

**188 - 189**

# TEICNEOLAÍOCHTAÍ LÍONRAITHE NETWORKING TECHNOLOGIES

BTech Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		04/H7	06/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Networking Technologies?

Networking Technology is about designing and building computer networks. It involves the physical installation and commissioning of networks and connection to the Internet. Networking Technologists are able to maintain networks, including redesigning and upgrading them. This particular programme incorporates modules on CISCO network systems. CISCO is the leading networking company and you will have the opportunity to acquire the valuable industry standard qualification, 'CISCO Certified Network Administrator', CCNA, during your course of studies.

## What our students say!

- 3rd year Student : I am currently studying my final year in DT080 - BTech in Networking Technologies. After three years, I feel I am now equipped with valuable skills which I have learned in my labs and lectures and through my project work. The CISCO qualification is an additional industry recognised qualification with this programme and as this sector is thriving at the moment, I look forward to starting my future career in this area.

## Learning Outcomes:

## What will I study?

You will be provided with a grounding in computer networking technologies, electronics and communications and web development, together with a knowledge of business operations, management and finance. Expertise and practical experience is gained to enable you to diagnose, repair and maintain computer and network hardware and system software. For example, you will be able to evaluate and upgrade computer systems. You will also be able to support all peripheral equipment which connects to computer networks, so that you will be able to support the services that this equipment provides to users. You will also gain experience in controlling external devices using computers, e.g. surveillance systems, robots, industrial automation systems, etc.

Software is also an integral part of all networks so you will be able to install and maintain a wide range of network and system software, including operating systems, such as Windows, UNIX and Linux. You gain valuable skills in network security, web design and web services.

An industry standard education coupled with four to seven month work/business placement will complement your academic learning and ensure that on graduation you can immediately apply your skills.

This programme has an emphasis on continuous assessment. A great deal of your time will be spent working on assignments and projects. You will learn by doing and working on hands-on applications rather than from theory. You acquire the skills needed in these areas by using them in real life situations as part of your assignments and projects. Some modules still retain an end of semester exam.

The programme is structured to permit exit after successful completion of Year 2 with a Higher Certificate.

## Further Information

[www.dit.ie/electricalelectronicengineering](http://www.dit.ie/electricalelectronicengineering)

## School of Electrical & Electronic Engineering



01 402 4799 (Mr Dermot Clarke)



01 402 4575 (School Administrator)



[dermot.clarke@dit.ie](mailto:dermot.clarke@dit.ie)



## Module Listing

### Year One

Applied Data Networking • Computer Hardware & Security • Digital Age Technology • Electronics • Information Literacy Project • Network Fundamentals (CCNA-1) • Physical Computing • Routing & Switching Essentials (CCNA-2) • Web Development

### Year Two

Business Management • Fund. Wireless Tech. (CCNA-W) • Scaling Networks (CCNA-3) • Microcontrollers & Electronics • Operating Systems • Problem Solving with C • Server-side Web Development • Connecting Networks (CCNA-4)

### Year Three

Financial Management • Fund. of Network Security (CCNA-S) • Network Management • Networked Embedded Systems • Programming for Networked Systems • Team Assignment Project • Project Management • Work Placement

## What are my... Career Opportunities?

Computer networks are everywhere. As a student you will acquire the technical skills and knowledge necessary for a career in IT and computer networking. These skills cover the design, planning, installation, configuration, administration, maintenance and management of local and Internet connected networks. Virtually every organisation in every area of work (such as commercial, industrial, service, educational, everywhere!) has computer networks and needs the services of network technicians and engineers.

The industry recognised CCNA qualification ensures a high demand for graduates of this programme and they will be key players in communication network management teams in all industrial, commercial and service organisations.

\*For more career development options please see inside front cover

## Are there study abroad options?

The work placement is an integral part of the programme, in which you will learn to apply within the workplace the knowledge and skills already gained in the programme. Your work placement period could be undertaken abroad, or you could participate in the Erasmus Programme.

## What other options do I have after completion?

Graduates will be equipped to progress through the DIT ladder system to the Honours Degree programmes within the Institute or elsewhere in Higher Education.



## You might also be INTERESTED IN:

- Electrical & Electronic/Computer & Communications Engineering - DT021A **Pg 140**
- Computer Science (Infrastructure) - DT211 **Pg 208**
- Electronics & Communications Engineering - DT008 **Pg 182**
- Computer Science (International) - DT282 **Pg 210**
- Computer Science - DT228 **Pg 206**

# TEICNEOLAÍOCHT TÁIRGE ADHMAID TIMBER PRODUCT TECHNOLOGY

BTech Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6		04/H7	04/H7

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Timber Product Technology?

Timber Product Technology suits students who love timber and wish to develop that interest into a successful career. The programme provides knowledge and skills for those that wish to manufacture, specify or sell timber products whether based in a small workshop or large company.

A degree in Timber Product Technology can lead to a range of careers in the timber-related sectors of the furniture and construction industries. These include furniture manufacturer, joiner, operations or drawing office manager in a timber factory, timber specifier, timber consultant, and secondary school woodwork teacher.

### Learning Outcomes:

## What will I Study?

The first year begins the student's development of necessary skills and knowledge: no previous experience with timber is required. Students will gain craft skills by using hand tools and machines to make a variety of objects, and learn how to represent those in hand and computer drawings. They will also learn about different types of timber, timber products, the timber industry and workshop safety. They will also improve their maths, communication and writing skills.

In the second year students develop their craft skills further using a wider variety of tools, machines, jigs and CNC, culminating in the production of a high quality product at the year's end. Students learn about furniture and joinery design and finishing. They also develop their maths and CAD skills and learn to estimate costs and tender for work. Advanced Entry to Year 2 is now available for graduates of cognate QQI Level 6 programmes and apprenticeships.

In year three students develop their skills in furniture, kitchen and joinery manufacture further. Furniture restoration provides additional skills and insights. While learning more about the business and law of timber product manufacture, students also learn about quality control in factories and processes, readying them for a range of future careers.

## What our Students say!

- I came to this course straight from leaving certificate unsure of what to expect. A few weeks in I realised working with wood was exactly what I enjoyed doing. You could compare the first year of this course to your 1st to 3rd year woodwork classes which you focused on furniture and your joints. If you like working with wood and want to produce some beautiful and unique pieces of furniture then I would highly recommend doing this course.
- Having spent 8 years in this industry I have found that the TPT course gives a great education in all the areas of Woodwork, Machinery, Cabinetmaking and Joinery. By combining all three trades, it gives the students a much more diverse qualification on which to enter industry. Today's industry requires graduates with multiple skills and this course produces such graduates.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM - 2PM 01.12-02.12**

## Further Information

[www.dit.ie/architecture](http://www.dit.ie/architecture)

### School of Architecture



01 402 3690 (School Administrator)



01 402 3692 (Joseph Little, Programme Chair)



[dsa@dit.ie](mailto:dsa@dit.ie)



[joseph.little@dit.ie](mailto:joseph.little@dit.ie)

COURSE CODE:

**DT169**

COURSE LENGTH:

**3 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**BOLTON ST**

POINTS 2017

**262**

## Module Listing

### Year One

Applied Geometry ● Timber Toolbox ● Reg. Environment (H&S) ● Materials ● Academic Reporting Skills ● Joining Technique & Furniture ● Joinery ● CAD 1 ● Communications

### Year Two

Timber Industry Mathematics ● Materials ● Machining Techniques & Furniture ● Principles of Furniture & Joinery Design ● Joinery ● CNC Router & CAD/CAM ● Estimating, Tendering & Measurement ● Wood Finishing ● 3D CAD

### Year Three

Business & Finance ● Marketing ● Management Principles Timber Industry ● Law ● Joinery ● Applied Materials, Finishes & Reproduction ● Furniture ● Restoration Project ● Manufacturing Management

## Are there study abroad options?

Links with educational institutes and industry leaders abroad are currently being investigated.

## What are my... Career Opportunities?

The range of practical skills taught in the three years, coupled with managerial skills, provide the graduate with numerous career opportunities spread across the closely related disciplines of joinery, cabinet making and wood machining. They range from shop floor or operations manager in a large timber production facility suited to managing and making within a small or medium-sized timber product workshop. The economic recovery and the increased demand for prefabricated building components and for well-priced high quality furniture and joinery products are leading to growth in this field.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate level in their final examinations of this Level 7 programme may progress to related Level 8 programmes. These are in Furniture Design, Product Design, Production Management, a range of Business Degrees or Secondary School Woodwork Teacher: most of these are available in DIT



# SCIENCES & HEALTH

**“CONTRIBUTING TO  
TECHNOLOGICAL SOCIAL AND  
ECONOMIC WELL-BEING  
OF SOCIETY”**





## HONOURS DEGREES - LEVEL 8

	CODE	Pg No.
Biomedical Science	DT204	196
Biomedical & Molecular Diagnostics	DT206	198
Biomolecular Science	DT226A	200
Chemical Sciences with Medicinal Chemistry	DT299	202
Clinical Measurement Science	DT229	204
Computer Science	DT228	206
Computer Science (Infrastructure)	DT211	208
Computer Science (International)	DT282	210
Culinary Science	DT405	212
Environmental Health	DT491	214
Food Innovation (Degree Options - Food or Brewing & Distilling)	DT421	216
Forensic & Environmental Chemistry	DT203	218
Human Nutrition & Dietetics	DT223	220
Industrial Mathematics	DT220	222
Information Systems & Information Technology	DT255	224
Mathematical Sciences	DT205	226
Nutraceuticals in Health & Nutrition	DT420	228
Optometry	DT224	230
Pharmaceutical Healthcare	DT422	232
Physics Technology	DT222	234
Physics with Energy & Environment	DT221	236
Physics with Medical Physics & Bioengineering	DT235	238
Public Health Nutrition	DT225	240
Science (General Entry)	DT201	242
Science with Nanotechnology	DT227	244

## ORDINARY DEGREES - LEVEL 7

Biosciences	DT259	246
Industrial & Environmental Physics	DT260	248
Medicinal Chemistry & Pharmaceutical Sciences	DT261	250
Ophthalmic Dispensing	DT219	252
Science (General Entry)	DT212	254

## HIGHER CERTIFICATES - LEVEL 6

Food Science & Management	DT424	256
Pharmacy Technician Studies	DT425	258
Pharmacy Technician Studies	DT6425	260

# EOLAÍOCHT BHITHLEIGHIS

## BIOMEDICAL SCIENCE

BSc Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least H4 in one of: Physics, Chemistry, Physics and Chemistry or Biology

## What is... Biomedical Science?

Biomedical Science is the science related to medical conditions, their causes, diagnosis and treatment. Graduates from the DIT Degree in Biomedical Science may work as medical scientists or research scientists all over the world.

"The Degree in Biomedical Science offered here in DIT is accredited by both the Academy of Clinical Science and Laboratory Medicine [Ireland] and the Institute of Biomedical Science [UK]."

This dual accreditation ensures that graduates of the DIT degree are eligible to work as medical/biomedical scientists in Clinical Diagnostic Pathology Laboratories in Ireland, the UK, Canada, New Zealand and Australia.

The degree provides multi-disciplinary training and clinical laboratory placement in all Biomedical Science disciplines, so that a graduate may work in any of the following areas in Pathology: Clinical Chemistry, Clinical Immunology, Clinical Cytology, Cellular Pathology, Haematology, Medical Microbiology, Molecular Diagnostics, and Transfusion Science.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

### Learning Outcomes:

## What will I Study?

The degree is of four years duration, with the first year covering the core sciences and providing an introduction to Biomedical Science. In the second year, Immunology, Cell and Molecular Biology and Biochemistry are covered, together with a module in each of the five major diagnostic Pathology Biomedical disciplines [Cellular Pathology/Clinical Cytology, Clinical Chemistry, Haematology, Medical Microbiology, and Transfusion Science].

In third year the student undertakes a 30 week Clinical Laboratory Placement in a Hospital Pathology Laboratory with a six week rotation through each of the Biomedical Science disciplines [Cellular Pathology/Clinical Cytology, Clinical Chemistry, Haematology, Medical Microbiology, and Transfusion Science].

In the final year the student will study core modules in Molecular Diagnostics, Professional Skills and Quality Systems, and Research Methods and Data Interpretation.

Two further modular options are selected from the following options:

Clinical Chemistry  
Cellular Pathology  
Haematology  
Transfusion Science  
Medical Microbiology  
Clinical Immunology

Following completion of these modules, the student will undertake a 12-week Research Project which may be based in DIT, in a Hospital Pathology Laboratory or in an International Research Centre [under the Erasmus/Socrates EU-funded Programme]. The School of Biological Sciences currently has six EU partners for Research Project Placement.

## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Biological Sciences



01 402 4562 (School Office)  
01 402 4995



Frank.Clarke@dit.ie  
biolsciences@dit.ie

## Module Listing

### Year One

Introduction to Biomedical Science • Biochemistry & Molecular Biology • Introduction to Histology, Anatomy & Physiology • Organ System Physiology • Introduction to Chemistry • Physics for Health Sciences • Mathematics for Health Sciences • Introduction to Infection & Immunity • Professional & Scientific skills • Biostatistics for Health Sciences

### Year Two

Biological Basis of Disease • Cell & Molecular Biology • Control & Integrated Physiology • Biochemistry of Metabolism • Bioinformatics for Biomedical Science • Molecular Immunology • Professional & Research Skills • Cellular Pathology/ Clinical Cytology • Clinical Chemistry • Haematology • Medical Microbiology • Transfusion Science

### Year Three

Professional Placement in a Hospital Laboratory (30 weeks) • Professional Practice

### Year Four

Molecular Diagnostics • Professional Skills and Quality Systems • Research Methods & Data Interpretation

Select two of the following modular options:

Clinical Chemistry • Cellular Pathology • Haematology & Transfusion Science & Haematology • Haematology & Transfusion Science & Transfusion Science • Medical Microbiology • Molecular Immunology & Clinical Immunology

Research Project (12 weeks)

## What are my... Career Opportunities?

There are many opportunities for Biomedical Science graduates in both diagnostic Pathology laboratories in the Health Service and in research laboratories. Graduates of this degree have completed both the Clinical Laboratory Placement and honours degree in Biomedical Science, which are required for eligibility to practice as a medical scientist in Clinical Pathology Laboratories in Ireland [Department of Health and Children Regulations]. This degree is also recognised for employment in Private Pathology and Research laboratories, and for Biomedical Science positions worldwide.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates may be accepted onto a wide range of Masters (MSc) programmes including MSc in Clinical Laboratory Science, MSc in Molecular Medicine [TCD], MSc in Health Services Management, Post-graduate Medicine, MA in Journalism, MBA programmes, or Higher Diploma in Education.

## Are there study abroad options?

Yes, the 12-week Research Project may be carried out in one of six partner Institutions in the EU under the Socrates/Erasmus programme.



## You might also be INTERESTED IN:

- ♦ Biosciences - DT259 Pg 246
- ♦ Biomedical & Molecular Diagnostics - DT206 Pg 198

# DIAGNÓISIC BHITHLEIGHIS & MHÓILÍNEACH BIOMEDICAL & MOLECULAR DIAGNOSTICS

BSc Leibhéal 8 / Level 8

INFECTIOUS DISEASES - STUDENTS ENROLLING ON THIS PROGRAMME MUST UNDERGO A HEPATITIS B VACCINATION.

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least H4 in one of: Physics, Chemistry, Physics and Chemistry or Biology

## What is...Biomedical & Molecular Diagnostics?

Biomedical Science is the science related to medical conditions - their causes, diagnosis (identification of disease) and treatment. Molecular diagnostics is the use and development of novel technologies to enable faster and more personalised diagnosis, often using DNA based approaches. This programme is designed to bring students from the fundamental sciences to advanced diagnostics, product (test) design and development. The aim is to foster the development of technically competent, flexible graduates with practical problem solving abilities, bioentrepreneurship, generic and transferrable skills via a combination of coursework, work placement and research placement. A unique feature of the programme is the integration of diagnostic and analytical sciences with bioproduct design and development. The programme also includes modules in transferrable skills such as communications, basic programming, bioinformatics, bioentrepreneurship and bioindustry skills. In years three and four, semester-long work placements and research projects provide an invaluable opportunity to gain real life skills and experience, and to apply academic knowledge in a real-world setting.

## Learning Outcomes:

## What will I Study?

The degree is of four years duration, with the first year covering the core sciences and providing an introduction to Biomedical Science and Molecular Diagnostics. In the second year Biochemistry, Cell and Molecular Biology are developed further, together with modules in Biomedical Science disciplines [Cellular Pathology/Clinical Cytology, Clinical Chemistry, Haematology, and Medical Microbiology]. In addition, students will undertake Bioinformatics and Biostatistics modules.

In third year the student undertakes a 14-week professional work placement in an industry or research organisation. Students will also study Biosensor and Bioproduct Development, an integrated topic supported by modules in genetic engineering, pharmacology and toxicology and data analytics.

In the final year students will study core modules in Molecular Diagnostic as applied to Microbiology, Oncology (Cancer) and Genetics. Students will take modules in Point of Care Diagnostics and will prepare for their future careers with Bioentrepreneurship and Bioindustry skills.

Finally, in semester two of the final year, students will undertake a 12-week Research Project which may be based in DIT, in Industry Laboratories/Organisation or in National and International Research Centres [under the Erasmus/Socrates EU-funded Programme]. The School of Biological Sciences currently has a number of EU partners for Research Project Placement.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM-2PM 01.12-02.12

## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Biological Sciences



01 402 4562 (School Office)  
01 402 4995



[biolsciences@dit.ie](mailto:biolsciences@dit.ie)



## Module Listing

### Year One

Introduction to Biomedical Science & Molecular Diagnostics • Cell Biology • Physiology • Biochemistry & Molecular Biology • Introductory Chemistry • Physics for Health Sciences • Mathematics • Introduction to Infection & Immunity • Professional & Scientific Skills • Introduction to Histology, Anatomy & Physiology

### Year Two

Biological Basis of Disease • Cell & Molecular Biology • Control & Integrative Physiology • Biochemistry of Metabolism • Molecular Immunology • Bioinformatics for Biomedical Science • Cellular Pathology/ Clinical Cytology • Clinical Chemistry • Haematology • Medical Microbiology • Professional Skills • Introduction to Programming for Biology

### Year Three

Professional Placement (Industry) • Bioinformatics & Data Analytics • Molecular Immunology • Biosensor Development & Bioproduct Development • Pharmacology & Toxicology • Gene Therapy & Genetic Engineering

### Year Four

Chromosomal Diagnostic Genetics • Molecular Diagnostics in Microbiology • Research Methods & Data Analysis • Point of Care Diagnostics • Bioentrepreneurship & Bioindustry skills • Molecular Oncology • Omics • Research Project

## What are my... Career Opportunities?

Molecular Diagnostics is the fastest growing area of the in vitro diagnostics (IVD) industry sector. Graduates of this programme will be uniquely placed to tap into this rapidly growing market in commercial areas such as the in-vitro diagnostic industry. Graduates will also be ideally placed to pursue additional qualifications and follow a research or academic career path.

This programme will not qualify graduates for membership of the Academy of Clinical Science and Laboratory Medicine (ACSLM) Ireland. Membership of the ACSLM is required for practice as a Medical Scientist in Ireland.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates may be accepted onto a wide range of taught Masters (MSc) programmes or continue to further research to MPhil or PhD.

## Are there study abroad options?

Yes, the 12-week Research Project may be carried out in one of a number of partner Institutions in the EU under the Erasmus programme, including Sweden, Belgium, Portugal and Spain.



## You might also be INTERESTED IN:

- ♦ Biomedical Science - DT204 **Pg 196**
- ♦ Biomolecular Science - DT226A **Pg 200**
- ♦ Biosciences - DT259 **Pg 246**

# EOLAÍOCHT BHITHMHÓILÍNEACH

## BIOMOLECULAR SCIENCE

BSc Leibhéal 8 / Level 8

### ENTRY REQUIREMENTS:

Students should have an appropriate BSc Ordinary Degree or equivalent in Biological Sciences or Biomedical Sciences with a Distinction or Merit, Upper Division Graduate or a BSc General Degree with the equivalent 60% or greater. In the studies previously undertaken by applicants, biochemistry, molecular biology and immunology must constitute major subjects in the programme curriculum.

## What is...Biomolecular Science?

Students will be provided in-depth theoretical and practical knowledge on a range of topics, reflecting the integrated nature of biomolecular science, such as the importance of macromolecular structure, interactions and function in relation to normal and diseased states as studied in Biochemistry. Advanced Molecular Biology reviews recombinant DNA technology, gene mutation and gene expression in the identification, diagnosis and treatment of human disease.

### Learning Outcomes:

## What will I Study?

In preparation for the Scientific Project, the principles and practice of qualitative and quantitative analysis of biomolecules as well as research methods and data analysis will be studied.

Two optional pathways taken alongside core modules allow students to tailor their degree to areas of interest:

**Option 1** provides students with the key concepts of process design relating to biomolecules of industrial importance and the development, manufacturing and marketing of biopharmaceutical products.

In **Option 2** the molecular and genetic mechanisms of disease will be explored including practical application of investigative and diagnostic technology.

It is important to note that options are offered subject to: (a) the resources available and (b) student numbers requesting the option (there is a requirement for a minimum student registration on a module). In any given year only one of the two optional pathways may be offered.



## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Biological Sciences



01 402 2831 (Sara Lynch, Course Director)



sara.lynch@dit.ie

COURSE CODE:

**DT226A**

COURSE LENGTH:

**1 YEAR**

APPROX:

**TBC**

LOCATION:

**KEVIN ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

**Year One** (2 semesters)

**Core Modules:** Biochemistry • Advanced Molecular Biology • Molecular Immunology • Analytical Methods in Biosciences • Research Methods & Biostatistics • Scientific Project.

**Optional Pathways (2 modules each):** Bioprocess Technology & Drug Development • Molecular Mechanisms of Disease

## What are my... Career Opportunities?

There are career opportunities for graduates of this programme in bioscience, biopharmaceutical, biotechnology, veterinary, diagnostics and allied industries. In addition, graduates can obtain employment in research in the bioscience, biotechnology and health service sectors.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Graduates of this programme may proceed to postgraduate studies leading to the award of MSc, MPhil or PhD at research institutes and universities worldwide.

## Are there study abroad options?

Opportunities are available for students to undertake their project module in a partner institution within the EU under the Erasmus plus programme.



## You might also be INTERESTED IN:

- ♦ Biomedical Sciences - DT204 **Pg 196**
- ♦ Biomedical & Molecular Diagnostics - DT206 **Pg 198**



# EOLAÍOCHTAÍ CEIMICEACHA LE CEIMIC MHÍOCHINEACH CHEMICAL SCIENCES WITH MEDICINAL CHEMISTRY

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of : Physics, Chemistry, Physics and Chemistry, Biology or Technology

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Chemical Sciences with Medicinal Chemistry?

This chemistry degree focuses on how chemistry can be used for medicinal applications - including drug design, synthesis, and delivery. Graduates of this programme will have skills and expertise in synthetic chemistry applicable for the pharmaceutical and other industries. The programme is recognized by the Royal Society of Chemistry and the Institute of Chemistry of Ireland.

### Learning Outcomes:

## What will I Study?

The 4 year degree course is designed around a core chemistry syllabus in organic, inorganic, and physical chemistry and incorporates analytical chemistry. The medicinal chemistry component is introduced in the first year of the course and built on in subsequent years. In second year, chemical and pharmaceutical processes and technology are explored and themes developed in third and fourth year. The degree course has a holistic approach to its subject matter to prepare students for the employment market. A key feature in Year 3 of the course is the placement abroad, which begins in Semester 2. Access to a suite of modern instruments and equipment ensures that a high standard of laboratory skills is achieved. Important transferable skills such as communication, teamwork, planning, problem-solving and critical analysis are also developed during the degree course.

## What our Students say!

- I enjoyed my undergraduate studies in DIT, I particularly enjoyed the practical element of the course. I believe this practical element of DIT courses is one of the major strengths of a DIT award, bringing a proper sense of the applications of chemistry outside the class room.



## Further Information

[www.dit.ie/chemistry](http://www.dit.ie/chemistry)

### School of Chemical & Pharmaceutical Sciences

01 402 4570 (Dr. Gavin Sewell)  
[gavin.sewell@dit.ie](mailto:gavin.sewell@dit.ie)



Ireland's EU Structural Funds  
Programmes 2007 - 2013  
Co-funded by the Irish Government  
and the European Union



## Module Listing

### Year One

Introductory modules in science, along with degree specific modules in medicinal chemistry and the human body and disease.

### Year Two

A range of modules in chemistry, as well as specialized modules in stereochemistry, biomolecules & organic synthesis.

### Year Three & Year Four

In Year 3 and Year 4, students continue to expand their knowledge in chemistry and its applications to medicinal chemistry and pharmaceutical processes. Year 3 also includes an ERASMUS/placement in semester 2, where students spend 6 - 7 months working in a professional environment. In Year 4, students complete a research project in a topic of interest to them.

## What are my... Career Opportunities?

Graduates can anticipate working in the pharmaceutical industry facilitating the development of new and better medicines as well as the chemical (paints, dyes, adhesives, inks), and allied industries (food, beverages, medical devices, cosmetics, semiconductors). The skill-set developed provides the graduate with an excellent basis for working in a variety of areas including production support, quality and assurance, technical services, research and development and technical sales. Graduates can also take a career in the teaching profession.

'The Programme is recognised by the Institute of Chemistry in Ireland for Graduate Membership and accredited by the Royal Society of Chemistry. In addition it is recognised by The Teaching Council for teaching Chemistry to Leaving Certificate level.'

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students can continue their studies on taught or research programmes (Masters, PhD) at DIT or other institutions as well as professional courses such as the Postgraduate Diploma in Education.



## You might also be INTERESTED IN:

- ♦ Forensic & Environmental Chemistry - DT203 Pg 218
- ♦ Medicinal Chemistry & Pharmaceutical Sciences - DT261 Pg 250

# EOLAÍOCHT TOMHAIS CHLINICIÚIL CLINICAL MEASUREMENT SCIENCE

BSc Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology, Mathematics or Applied Mathematics

## What is... Clinical Measurement Science?

This programme (which is unique in the country) allows students to learn how to measure and image the physiological activity of the human body and provide diagnostic information to medical staff. As well as traditional lectures, students will gain extensive practical experience, including placement in a hospital environment in third and fourth year. It is not necessary to have studied physics prior to entry.

### Learning Outcomes:

## What will I Study?

In the first two years the students learn about the physiology, anatomy and biochemistry of the body and the use of technology in providing diagnosis.

Students spend their third and some of fourth year on hospital placement to learn how to apply their training and knowledge in a clinical setting. A hospital based research project is undertaken in fourth year.

**PLEASE NOTE:** Hospital placements may be at any location around Ireland, there is no guarantee that a student will have all of their placements in Dublin.

### IMPORTANT INFORMATION

In order to undertake the hospital placement, students must complete a health screening and vaccination programme, the nature of which will change from time-to-time depending on the requirements of the health service. This service will be provided by the DIT Student Health services, although there may be a cost associated with this.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS:	FIVE DISTINCTIONS WHICH MUST INCLUDE
CASLT/5M3807 Laboratory Techniques	C20139/5N1833 Mathematics, OR Leaving Certificate Mathematics 03/H7




## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics

- 01 402 4782 (Prof. Patrick Goodman)
- 01 402 4559 (School Secretary)

 [pat.goodman@dit.ie](mailto:pat.goodman@dit.ie)

## Module Listing

### Year One

Biology • Physics • Chemistry • Mathematics & Statistics • Computer Applications

### Year Two

Seminars • Medical Instrumentation • Mathematics • Computer Applications • Imaging • Pharmacology • Physiological Biochemistry • Human Physiology & Anatomy

### Year Three

**Hospital Placement\*** in three of the four following disciplines, together with introductory lectures in each discipline: Cardiology • Respiratory Measurements • Vascular Technology • Neurophysiological Studies.

### Year Four

Pharmacology • **Hospital Work Placement\*** • Seminars/Case Studies • Professional/Social studies • Advanced Instrumentation • Hospital or Industry based project  
Each student will study two of the following four disciplines: Cardiology • Respiratory Measurements • Vascular Technology • Neurophysiological Studies.

\*Hospital Placement may be in locations outside Dublin.

## What are my... Career Opportunities?

Employment rates have been excellent to date, with most graduates finding employment within the health service in Ireland. There are also employment opportunities in the field of medical equipment. Many graduates undertake postgraduate research after gaining a few years clinical experience.

\*For more career development options please see inside front cover

## What other options do I have after completion?

A number of graduates from the programme, have undertaken part-time work based research degrees following completion of the programme.

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**9AM-2PM 01.12-02.12**



## You might also be INTERESTED IN:

- Biomedical Sciences - DT204 **Pg 196**
- Biomedical & Molecular Diagnostics - DT206 **Pg 198**
- Physics with Medical Physics & Bioengineering - DT235 **Pg 238**
- Public Health Nutrition - DT225 **Pg 240**

# EOLAÍOCHT RÍOMHAIREACHTA

## COMPUTER SCIENCE

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Computer Science?

Did you ever wonder how emails get sent, how Google works, how to develop your own computer game? Are you interested in understanding what goes on behind the scenes at Amazon or eBay? Do you want to know what an MP3 file actually is or how podcasting and iTunes work? Then this programme is for you. As well as answering these questions, this programme will prepare you to work as a software application developer in a variety of commercial and industrial environments. It will equip you with the understanding and skills needed in an exciting and constantly changing industry.

## What our Students say!

- I got a great internship during third year and was able to learn lots about large systems making me ready for a career after college.
- I value being one of the graduates from this course, as it did not just help me develop concrete skills that reflected the state-of-the-art technologies, but also offered me an opportunity to obtain industrial experience as part of the curriculum.
- There is a heavy emphasis on gaining practical and applicable skills for today's marketplace, however this is complemented very well by theory based modules which allow you to take step back from the technical details and understand why you're doing something in a particular way.
- I found the lecturers very approachable and helpful at all times. The learning environment was very open and tutorials often involved lively debates and discussions.
- I also learned about cutting-edge technologies under the guidance of highly knowledgeable and approachable staff.

### Learning Outcomes:

## What will I Study?

You will spend the early years of the course gaining a thorough grounding in the fundamentals of computer science, you will spend the middle part of the programme developing highly relevant skills in software design and development, and in final year you will have the opportunity to specialise your knowledge and skills in a variety of areas, including:

**Enterprise Systems Development:** Where you will learn how to create large, scalable, safe, secure and reliable software systems using the latest technologies.

**Applied Intelligence:** Where you will learn about advanced methods in computer science which can be applied in business (e.g. predicting trends) and elsewhere (e.g. robotics).

**Digital Games Development & Simulation:** Where you will learn how to design and implement computer games and simulated environments which model novel and complex worlds and characters.

The third year of the programme is focused on experiential learning. You will participate in a business and enterprise module, and may then opt to participate in our highly successful work placement programme. Our work placement programmes' success is due to the close liaison we have developed and maintained with industry partners throughout the history of our school. Alternatively, you can work with community organisations on our innovative service-learning module, whereby you take responsibility for significant ICT projects in the community.

The school has institutional links with many industrial leaders such as Oracle, Microsoft, IBM, Datalex and Computer Associates through sponsorship, work placement and project co-operation.

## Further Information

[www.dit.ie/computing](http://www.dit.ie/computing)

### School of Computing



01 402 4704 (Barbara Byrne)



[soc-admin@dit.ie](mailto:soc-admin@dit.ie)



EUROPEAN SOCIAL FUND



Ireland's EU Structural Funds  
Programmes 2007 - 2013

Co-funded by the Irish Government  
and the European Union



## Module Listing

### Year One

Programming • Web Development • Computer Architecture and many other subjects to give you a solid foundation in Computer Science

### Year Two

Object Oriented Programming • Databases • Software Engineering • Human Computer Interaction • Operating Systems and other subjects which give you relevant, practical skills

### Year Three

Work Placement • Service-Learning • International Exchange • Graphical User Interface Programming • Client-Server Programming • Cloud Computing • Games Logic and Design

### Year Four

Specialise your study into an area such as:

Enterprise Systems Development • Applied Intelligence • Digital Games Development & Simulation

## What are my... Career Opportunities?

Graduates of this programme will be uniquely qualified in a wide range of computer development areas. These may be in the mainstream computer industry but will also occur in stimulating, leading application areas such as Internet Applications Development, Games Development, Enterprise Systems, E-Commerce, Music Technology, Systems Technology, Systems Security, Knowledge Management and Data Mining. Graduates of this programme will also be well qualified to pursue postgraduate studies to MSc, MPhil and PhD levels.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Yes, students can apply to participate in an international exchange for the second half of third year as part of their experiential learning.



## You might also be INTERESTED IN:

- Computer Science (International) - DT282 **Pg 210**
- Computer Science (Infrastructure) - DT211 **Pg 208**
- Networking Applications & Services - DT080B **Pg 152**
- Networking Technologies - DT080 **Pg 190**
- Business Computing - DT354 **Pg 100**
- Business Analytics - DT302 **Pg 94**

# EOLAÍOCHT RÍOMHAIREACHTA (INFREASTRUCHTÚR)

## COMPUTER SCIENCE (INFRASTRUCTURE)

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N <sup>o</sup> of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Computer Science (Infrastructure)?

Did you ever wonder how you can share your experiences or play a multi-player game with your friends who are in different places? Or how you can check when the next bus will arrive in real time as you walk around the streets?

Computer Science (Infrastructure) is about developing software and infrastructure for applications ranging from those on smart devices through to those in global corporations. This programme provides the skills required to build data centres and networks and to develop software securely, individually and in teams. Recent graduates work as software developers, software engineers and system administrators.

No prior programming experience is required.

### Learning Outcomes:

## What will I Study?

Over the four years of this programme, you will gain a working knowledge of the components of a computer and a network. You will become familiar with the components of an operating system and learn to administrate large distributed systems. You will write programs in multiple languages for different platforms, varying from single-user, single-platform applications to multi-user, multi-layered distributed systems. You will learn how to ensure that an IT infrastructure is compliant with the most effective security techniques. You will learn many technologies; web clients and servers, data storage, manipulation and analysis, the use of different platforms and different physical devices, techniques for developing systems varying from small mobile devices to cloud-based services. You will learn how to integrate these technologies, writing scripts and software to make them work together. You will study the architecture and infrastructure of large systems; how to design, document, implement and manage them using industry-standard techniques. You will develop skills for working in teams and individually and undertake and present project work throughout the four years to enhance your communication skills. In your final year, you will present your work at a highly regarded project fair to an audience of industry partners and experts.



## Further Information

[www.dit.ie/computing](http://www.dit.ie/computing)

### School of Computing



01 402 4704 (Barbara Byrne)



[soc-admin@dit.ie](mailto:soc-admin@dit.ie)

## Module Listing

### Year One

Programming ● Robot Programming ● Build a PC ● Program Design ● Algorithms ● Mathematics ● Operating systems ● Networking ● IT Fundamentals ● Communication skills

### Year Two

Programming ● Networking ● Microprocessors ● Operating Systems ● System Administration ● Databases ● Web Development ● System Infrastructure ● Human Computer Interaction

### Year Three

**Semester 1:** Mobile Software Development ● Databases, Networking ● Network Programming ● Systems Infrastructure & Architecture ● Web Development

**Semester 2:** You can apply for work placement in the second half of third year, giving you invaluable experience in the IT industry, which can help you to put your final year in context, or you can study further modules: Cloud Computing ● IT Security ● Choice of other modules

### Year Four

Security ● Data Management ● Enterprise Systems Infrastructure ● Administration ● **Major fourth year project and a choice of other modules including:**  
● Artificial Intelligence ● Games Development ● Graphics & Image Processing ● Web Development

## What are my... Career Opportunities?

Graduates from this programme are working as Software Engineers, Software Developers, Systems Administrators, Virtualisation Engineers, IT Security experts and Database Administrators in global organizations such as IBM, Amazon and Oracle, local successful companies such as Ocuco, Version 1 and Digital Planet and in start-ups. Many also work in IT departments of banks, building societies and government organizations or as software or infrastructure consultants. Application areas include Intelligent Cities, Ethical Hacking, search engine development, games and legal and financial software.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students earning BSc (Hons) will be eligible for Professional Membership of BCS, The Chartered Institute for IT (MBCS) and are qualified to pursue postgraduate studies in DIT or elsewhere to MSc, MPhil or PhD levels.

The programme offers early exit awards under restricted conditions; a Higher Certificate on exit after Year 2 and a BSc (Ord) on exit after Year 3.

## Are there study abroad options?

There is an opportunity for students to apply to participate in an international exchange for the second half of third year as part of their experiential learning. Erasmus places are available in a number of European countries and there are also other student exchanges in countries such as South Korea. All modules taken abroad are taught through English.

## What our Students say!

- “Having worked as a computer technician for a couple of years I was made redundant and found I was being overlooked for jobs because of my lack of formal qualifications. I started in a course in DIT. I found the diversity of subjects and the pace of the course suited me very well. As part of the course I worked as an intern for the company with whom I now work full-time. The course continued to be challenging and interesting throughout, and has given me a career path I would have never achieved on experience alone.”

## You might also be INTERESTED IN:

- ♦ Computer Science - DT228 **Pg 206**
- ♦ Computer Science (International) - DT282 **Pg 210**
- ♦ Networking Applications & Services - DT080B **Pg 152**
- ♦ Networking Technologies - DT080 **Pg 190**
- ♦ Business Computing - DT354 **Pg 100**
- ♦ Business Analytics - DT302 **Pg 94**

# EOLAÍOCHT RÍOMHAIREACHTA (IDIRNÁISIÚNTA)

## COMPUTER SCIENCE (INTERNATIONAL)

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Computer Science (International)?

Software is a global industry with a strong presence in Dublin, which is considered as the Silicon Valley of Europe. Many software companies possess a truly-international presence such as Facebook, Google and Amazon and encounter unique challenges both technically and culturally. So if you have wondered how to build software for the wider international market, how to effectively communicate with distributed teams and how to be successful working on large scalable applications then this programme is for you. As well as providing you with the skills to work as a global software engineer, this programme gives you the core computer science skills to work as an application developer with the skills to grow and evolve within an ever changing global industry.

### Learning Outcomes:

## What will I Study?

This programme will deliver all the fundamentals in Computer Science with a strong emphasis on Internationalisation and Globalisation from the outset. Students are taught IT skills early on that are required in the International IT industry. This will include not only core software design and development skills, but also highly sought after international skills such as global citizenship, software localisation, entrepreneurship, creating webinars and a foreign language (select either German, Chinese or Korean).

In year 3, you have an option to undertake an International Industrial Placement and gain valuable international work experience in an IT company. In addition, all year 3 students participate in the Global Classroom, which is a virtual, online classroom comprised of teams of international students on exchange at our international university partners. This emphasizes the importance of globalisation in the workplace and simulates how a team can design and develop software with team members located in different locations.

In the final year, you will have the opportunity to specialise your knowledge and skills in a variety of areas such as Enterprise Systems Development, Applied Intelligence or Digital Games Development & Simulation. The School has strong links with global industry companies such as Google, Microsoft and IBM amongst others, through sponsorship and project co-operation. Students have the opportunity to show-case their final year projects at our unique project fair and meet with these and other invited industry company representatives.

## Further Information

[www.dit.ie/computing](http://www.dit.ie/computing)

### School of Computing



01 402 4704 (Barbara Byrne)



[soc-admin@dit.ie](mailto:soc-admin@dit.ie)



COURSE CODE:

**DT282**

COURSE LENGTH:

**4 YEARS**

APPROX:

**40 PLACES**

LOCATION:

**KEVIN ST**

POINTS 2017

**360**

## Module Listing

### Year One

Programming • Web Development • Computer Architecture  
• Global Citizenship • Software for the Global Market (User Interface Design) • Foreign Language & many other subjects to give you a solid foundation in International Computer Science

### Year Two

Object Oriented Programming • Databases • Software Engineering • Software for the Global Market (Internationalisation & Localisation) • International Project Management (Webinars & Entrepreneurship) • Foreign Language • Operating Systems & other subjects which give relevant practical skills

### Year Three

International Study Exchange • Global Classroom • Mobile Software Development • Web Development and Deployment  
• Software Engineering • Client-Server Programming • Foreign Language • International Internship

### Year Four

Specialise your study into an area such as:  
Enterprise Systems Development • Applied Intelligence • Digital Games Development & Simulation

## What are my... Career Opportunities?

Graduates of this programme will be uniquely qualified to successfully work in the international IT industry in a wide range of computer roles. Employment may be in the mainstream computer industry with a unique understanding of how multi-cultural teams work effectively, allowing opportunities for working in multi-national corporations. With a strong computer science background in such areas as Internet development, cloud computing, mobile software, enterprise systems, artificial intelligence and games technology opportunities, graduates will be well suited to seek employment across all computing disciplines while bringing a solid understanding of software internationalisation. Qualified graduates will also be well suited for postgraduate study.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a range of Masters Degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?



Yes. If a student does not undertake an International Industrial Placement, they must spend their second semester in year 3 on an international study exchange at one of our university partners in Europe, China or Korea. There are also opportunities for spending all of year 3 studying abroad participating in our Double-Degree programmes in either Germany, Finland or Korea.

**OPEN 2017**  
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**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- Computer Science - DT228 **Pg 206**
- Computer Science (Infrastructure) - DT211 **Pg 208**
- Networking Applications & Services - DT080B **Pg 152**
- Networking Technologies - DT080 **Pg 190**
- Business Computing - DT354 **Pg 100**
- Business Analytics - DT302 **Pg 94**

**210 - 211**

# EOLAÍOCHT NA CÓCAIREACHTA

## CULINARY SCIENCE

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	04/H7	06/H7

### Other Requirements

At least 04/H7 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Home Economics or Applied Mathematics.

## What is...Culinary Science?

This programme is a joint degree offered by the School of Culinary Arts and Food Technology and the School of Food Science and Environmental Health. The BSc (Honours) in Culinary Science is a four year full-time programme. The programme provides graduates with the knowledge and practical skills necessary to operate as a development or concept chef for food companies engaged in food product development. The programme builds on the strong links between; food and culinary industries providing students with the opportunity to work in dynamic food industries through our internship programme. Graduates of the programme will also have opportunities to work in the culinary industry as chefs, in food research and development, and food business managers.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

### Learning Outcomes:

## What will I Study?

The first two years of the programme provide students with practical skills in kitchens and food science and nutrition in our labs. The programme encourages the development of in-depth theoretical, academic knowledge and understanding of the food science and culinary arts. The kitchen skills focus on professional cookery whereas the science focuses towards food research and experimentation. A Development Chef is a highly skilled specialised individual who uses culinary skills and scientific knowledge to create unique food products.

The programme has practical hot kitchen, pastry and food science modules which have been designed to equip the food student with the knowledge and skills necessary to gain employment in the culinary or food science industries. The programme begins with modules in professional cookery – developing an understanding of how to cook and progressing to the production and development of a range of dishes and processes that are underpinned by food science and business modules.

In year three, students have the option of national or international internship (work placement) in food science and culinary arts reflecting the diversity of this BSc (Hons) in Culinary Science. Both schools have strong industry links to develop the participants' professional and scientific skills. Years three and four focus on the everyday needs of a dynamic concept/development chef. Graduates of the programme will gain:

- ♦ Skills and knowledge in the sciences and culinary arts which are fundamental to the development of novel foods and drinks.
- ♦ Business and entrepreneurship skills and knowledge so they can be innovative and to aid them in setting up a food business.
- ♦ The ability to appropriately judge in a number of complex planning, design, technical and/or management functions related to food products, processes and services including resources.
- ♦ During a six month internship learn to act in variable and unfamiliar learning contexts; learn to manage learning tasks independently, professionally and ethically.
- ♦ Advanced skills to conduct an undergraduate thesis, demonstrate decision making and use creative skills.
- ♦ The specialised skills and knowledge which will allow entry into a career in the food industry as Development Chefs, Food Product Developer, or related discipline.

## Further Information

[www.dit.ie/culinaryartsandfoodtechnology](http://www.dit.ie/culinaryartsandfoodtechnology)

School of Culinary Arts & Food Technology and School of Food Science & Environmental Health.



01 402 4346 (Dr Roisin Burke, Programme Chair)



01 402 4344 (School Office)



[roisin.burke@dit.ie](mailto:roisin.burke@dit.ie)



[scaft@dit.ie](mailto:scaft@dit.ie)

## Module Listing (Indicative Content Only)

### Year One

Chemical Applications • Culinary Science & Food Technology  
• Food Safety • Kitchen & Larder • Laboratory Techniques &  
Computer Applications • Introductory Nutrition • Chemical  
Applications • Pastry • Applied Food Industry Communication  
• Maths for Scientists • Fundamentals of Business  
Management & Marketing

### Year Two

Culinary Science & Food Technology • Pastry • Culinary  
Health Choices • Diet, Health & Disease • Introduction to  
Business Finance • Fundamental Molecular Gastronomy •  
Food Ingredients & Consumer Foods • Basic Food Microbiology  
• Food Marketing • Fundamental Sensory Evaluation •  
Gastronomy • Financial & Cost Accounting

### Year Three

Food Physics • Concept Innovation & Product Design •  
Food Process Technology • Intermediate Microbiology •  
Introductory Food Science & Analysis • Research Methodology  
• Internship/Industrial Placement

### Year Four

Intermediate Molecular Gastronomy • Lifecycle Nutrition •  
Food Regulatory Affairs • Food Entrepreneurship • Project/  
Dissertation • Internship/Industrial Placement

Options available are listed in detail in the module catalogue that  
is managed separately on the website - [www.dit.ie/catalogue](http://www.dit.ie/catalogue)

## What are my... Career Opportunities?

Major food companies are investing heavily in innovative approaches to develop novel high quality foods and need Culinary Science graduates. Currently many food businesses employ both chefs and scientists but a graduate that has skills and knowledge of both disciplines would readily gain employment as a Development Chef or Food Product Developer. The Food Industry needs to satisfy the demands of consumers requiring value added, high quality tasty and enjoyable food products. The BSc (Hons) in Culinary Science will produce graduates who will be able to satisfy the demands of Government policy, the Food Industry and Society. Graduates of the programme will have developed the knowledge and skills necessary to operate in the wider food industries or operate their own food business.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to The MSc in Culinary Innovation and Food Product Development where graduates are highly sought after. The MSc in Food Safety Management is an attractive programme for food safety and regulatory professionals. The MSc in Environmental Health and Safety is among the most highly regarded in Ireland and attracts a wide range of industry professionals. These programmes can be accessed on a part time or full time basis.

In addition both Schools offer PhD research opportunities for high achieving graduates.

## Are there study abroad options?

In year three, students have the option of national or international internship (work placement) in food science and culinary arts reflecting the diversity of this BSc (Hons) in Culinary Science.

This programme also offers the learner a study exchange opportunity in year three.

## You might also be INTERESTED IN:

- ♦ Culinary Arts - DT407 **Pg 16**
- ♦ Food Innovation - DT421 **Pg 216**
- ♦ Nutraceuticals in Health & Nutrition - DT420 **Pg 228**

# FOLLÁINE CHOMHSHAOIL ENVIRONMENTAL HEALTH

BSc Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least 04/H7 in one of: Physics, Chemistry, Physics and Chemistry or Biology.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Environmental Health?

Our environment and lifestyle affects our health. The air we breathe, the water we drink, the food we eat, our homes and workplaces all can have an influence on our state of health. Students on this programme gain experience of examining issues such as food safety, environmental pollution, occupational safety and health risk management and identifying how these should be managed.

### Learning Outcomes:

## What will I Study?

Businesses and individuals must comply with a range of health & safety standards- these could be in food, occupational and environmental areas. As an Environmental Health student, you will learn how to evaluate relevant situations, solve problems, and manage these areas. The programme is applied in nature, but has a strong scientific underpinning, especially in Years One and Two. The programme develops through subsequent years into applied areas of environmental health and examines current and developing issues. There is a period of professional practice (placement) where you can learn how to apply your knowledge of environmental health.

## What our Students say!

- The programme was wide-ranging with a wonderful basis in a range of disciplines. I then decided I wanted to be a specialist in one particular discipline and returned to DIT to do a two years research masters in health and safety. I am now managing the Health and Safety Department in a large teaching hospital.

The Environmental Health course gave me an introduction to many of the requirements needed in the world of health and safety. Health and safety practitioners come from a variety of backgrounds, which can include engineering, science, law and environment. No one individual would possess all of these qualifications, but Environmental Health certainly provides you a good grounding in each of the disciplines. It's a course I would highly recommend.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

School of Food Science & Environmental Health



01 402 4355 (School Office)



[fseh@dit.ie](mailto:fseh@dit.ie)



## Module Listing

**Areas of study include:** Environmental Health • Biology • Chemical Applications • Microbiology • Building Technology • Computations • Ecology and Entomology • Food and Water Chemistry • Communications • Physics • Noise and Radiation • Environmental Health Science • Occupational Safety and Health • Food Safety • Food Technology • Public Health • Health Promotion • Environmental Health Law and Management • Air Quality and Energy • Environmental Health Protection • Environmental Health Management • Housing Policy and Defects • Environmental Health Impact and Planning Policy • Final Year Project.

## What are my... Career Opportunities?

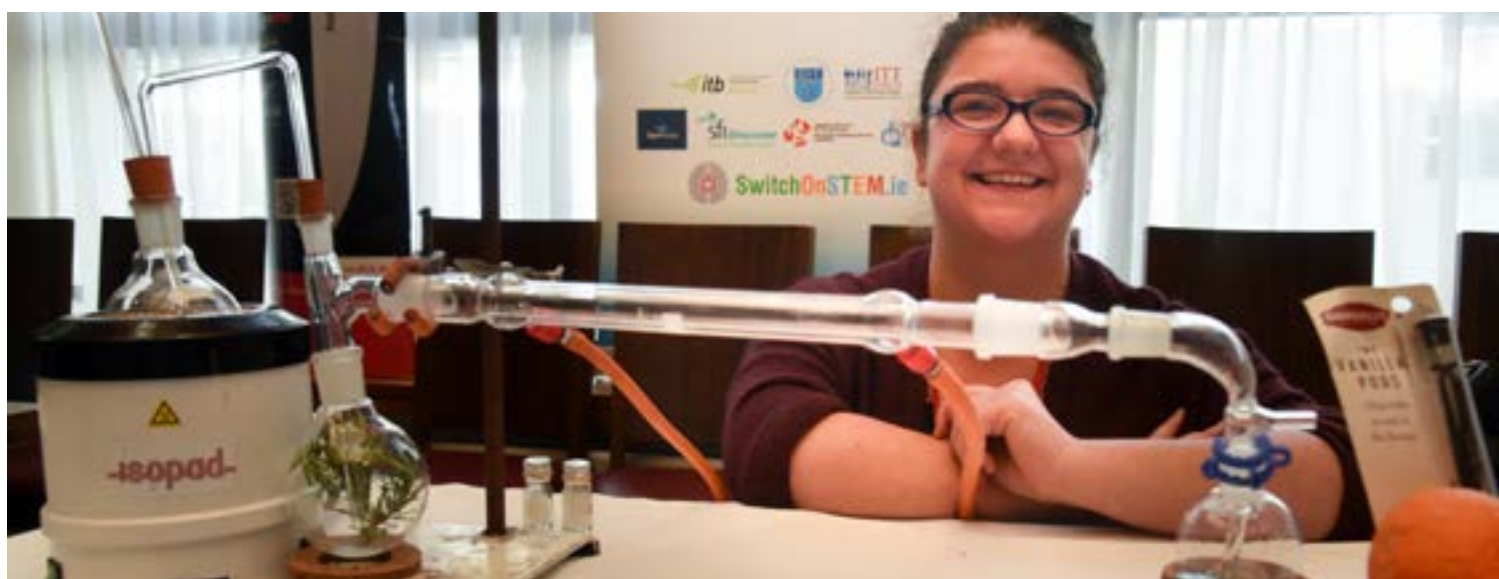
Employment opportunities may exist in private and public sectors in areas such as environmental management, health and safety, food safety and health promotion, as well as Environmental Health Officer (EHO) in the state sector. Employers need qualified staff to steer them through their responsibilities in environmental health. State sector EHO's are normally responsible for monitoring and enforcing standards (through advice, education and regulation) in a wide range of areas such as food safety, air and water quality and tobacco policies.

Some career information is also available at the website of the Environmental Health Officers' Association at [www.ehoa.ie](http://www.ehoa.ie)

\*For more career development options please see inside front cover

## What other options do I have after completion?

There are a range of taught postgraduate courses (in Ireland and abroad) in aspects of environmental health for graduates who wish to further develop their abilities in certain aspects of environmental health. There may also be research opportunities for graduates on specific environmental health topics.



## You might also be INTERESTED IN:

- ♦ Public Health Nutrition - DT225 **Pg 240**
- ♦ Planning & Environmental Management - DT106 **Pg 154**

# NUÁLAÍOCHT AN BHIA (Roghanna Céime - Bia nó Grúdaireacht & Driogadh)

## FOOD INNOVATION (Degree Options - Food or Brewing & Distilling)

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least 04/H7 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Home Economics or Applied Mathematics.

## What is... Food Innovation?

The Food Innovation programme covers a comprehensive range of disciplines including science, technology, business and innovation in order to meet requirements of the modern food and drinks industry.

Support is directly provided by these Industries to enhance theoretical knowledge and practical skills delivered by DIT, this includes Industry lectures, field trips, on-site training, contracts of learning through work placement and applied research projects.

### Learning Outcomes:

## What will I Study?

This programme will allow entry into a career in the food and drinks industry as a technologist capable of ensuring the production of ethical, safe and wholesome food and drinks.

The student will acquire the knowledge of the scientific disciplines fundamental to the development of novel foods and drinks, with the business acumen (including finance and management) to be innovative.

A period of industrial placement is included where skills developed and Health & Safety training can be applied.

Opportunities to develop inter-personal communication skills and research techniques, coupled with report writing and self-learning are integral to the program.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)



**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

### School of Food Science & Environmental Health



01 402 4355 (Dr Catherine Barry-Ryan)  
01 402 4495



[catherine.barryryan@dit.ie](mailto:catherine.barryryan@dit.ie)

## Module Listing

### Year One

Principles of Systems & Cellular Biology • Fundamentals of Inorganic & Organic Chemistry • Digital Skills and Computer Applications • Introductory Nutrition and Microbiology • Applied Food Industry Communications • Principles of Food Processing & Preservation • Mathematics for Scientists • Physics • Business Management & Marketing

### Year Two

Structural Biochemistry • Natural Organic Chemistry • Diet, Health & Disease • Food & Beverage Engineering • Food Process Technology • Statistics • Introduction to Instrumentation • Business Finance • Food Microbiology • Quality and Hygiene Systems • Food Ingredients and Consumer Foods • Fundamental Sensory Evaluation

### Year Three

**Core:** Shelf life Management & Packing • Food & Beverage Product Research & Development • Innovation & Entrepreneurship • Occupational Safety Management for the Food Industry • Industrial Placement

**Food Stream:** Food & Beverage Chemistry & Analysis • Applied Microbiology • Training & Auditing

**Brewing & Distilling Stream:** Science of Brewing & Distilling • Spirits and Liqueurs • International Beers & Draught Dispensing Management

### Year Four

**Core:** Innovation and Entrepreneurship • Strategic Management & Sustainability • Food & Beverage Marketing • Choice of Two Optionals - Responsible Research Management & info access • Project/Dissertation

**Food Stream:** Advanced Microbiology • Advanced Food Technology • Food Safety & Risk Analysis

**Brewing & Distilling Stream:** Brewing Microbiology • Science of Brewing and Distilling • Beverage Regulatory Affairs

## What are my... Career Opportunities?

This programme will provide graduates with:

- A programme of education which will allow entry into a career in the food industry as technologists capable of ensuring the production of safe and wholesome foods
- A thorough knowledge of the scientific disciplines fundamental to the development of novel foods and with the business acumen to be innovative
- A broadly based technological education which will allow entry into employment in other sectors of the food or related technical sectors
- An in-depth understanding of food business and the essential components of finance and management

\*For more career development options please see inside front cover

## What other options do I have after completion?

Current and projected expansion in the food and drinks processing industry will require a greater number of appropriately trained personnel. Our Graduates have careers as entrepreneurs, managers, scientists and technologists in the food and drinks industries, research facilities, government agencies, retail sector and sales etc.

They have varying roles including: Quality control/assurance, new product development, product analysis and safety, laboratory based manufacture, sales etc.

Students who have reached the appropriate honours standard also have access to a range of Masters Degrees and PhD by research in DIT and elsewhere in Higher Education.

## Are there study abroad options?

Students may have the opportunity to complete a semester, full year, project work or work placement abroad under the Lifelong Learning Programme/ERASMUS mobility schemes or their equivalent in other countries.

## You might also be INTERESTED IN:

- ♦ Nutraceuticals in Health & Nutrition - DT420 **Pg 228**
- ♦ Public Health Nutrition - DT225 **Pg 240**
- ♦ Food Science & Management - DT424 **Pg 256**
- ♦ Pharmaceutical Healthcare - DT422 **Pg 232**

# CEIMIC FHÓIRÉINSEACH & CHOMHSHAOIL FORENSIC & ENVIRONMENTAL CHEMISTRY

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of: Physics, Chemistry, Physics and Chemistry, Biology or Technology

## What is...Forensic & Environmental Chemistry?

This course is a chemistry programme with modules specialising in forensic and environmental topics. Graduates will have a rigorous scientific training, be good at problem solving and have expert laboratory skills suitable for any career in the Forensic or Environmental sector as well as Pharmaceutical / Chemical industries.

### Learning Outcomes:

## What will I Study?

If you are interested in pursuing this course of study, you will need an interest in science as well as an interest in solving problems.

The first year of the programme provides an introduction to science as well as an introductory module on forensic and environmental chemistry. In second year, the relevant core chemistry topics are taught as well as some specialised modules in forensic and environmental chemistry.

In the final two years, the emphasis is on forensic and environmental chemistry and includes case studies and development of team-work and critical analysis skills. A six month work placement features between years 3 and 4.

'The Programme is recognised by the Institute of Chemistry in Ireland for Graduate Membership and accredited by the Royal Society of Chemistry. In addition it is recognised by The Teaching Council for teaching Chemistry to Leaving Certificate level.'

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)



## Further Information

[www.dit.ie/chemistry](http://www.dit.ie/chemistry)

### School of Chemical & Pharmaceutical Sciences



01 402 4570 (Dr. Gavin Sewell)



[gavin.sewell@dit.ie](mailto:gavin.sewell@dit.ie)



## Module Listing

### Year One

Year one is designed to establish a solid foundation across the sciences. An introductory module in Forensic and Environmental Chemistry is included along with hands-on activities in these areas.

### Year Two

This year provides students with a broad knowledge and understanding of the various branches of Chemistry. In addition, modules in Forensic and Environmental Chemistry are provided which build upon the core chemistry content.

### Year Three & Year Four

Over the final two years of the programme, advanced modules in Forensic and Environmental Analysis are delivered featuring realistic case-studies and developing team-working and critical analysis skills. There is a hands-on approach in the use of modern instrumentation including chromatographic and spectroscopic techniques.

- A key feature in **Year three** is the Work Placement in an industrial environment.
- In **Year four**, there is a final year project which allows students to demonstrate their knowledge, skills and initiative on a research topic.

## What our Students say!

- I really enjoyed this course- lots of laboratory work meant that I got to learn about equipment and methods that I now use in my job
- My interest lies in the application of analytical techniques to the investigation of evidence from crime scenes
- My time at DIT has allowed me to travel to seminars and universities abroad for work and further study in forensic sciences

## What are my... Career Opportunities?

The exciting career paths open to a graduate of this programme are varied and include monitoring environmental pollution, chemical analysis and forensic analysis, as well as teaching science and chemistry. Careers can be in:

- ♦ Environmental monitoring - monitoring levels of pollutants in air, water and soil
- ♦ Chemical analysis - characterisation of complex mixtures
- ♦ Forensic analysis - chemical analysis employed to assist in solving crime

Such careers can be in environmental laboratories, state laboratories, pharmaceutical, fine chemical, cosmetic and food companies and forensic laboratories.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Students who complete the programme are eligible to progress to taught and research masters and doctoral programmes in DIT or other higher education institutions as well as the PGDE (for graduates intending to teach at secondary level).

## Are there study abroad options?

It is possible during the Year 3 placement to study in an industrial or academic environment abroad as part of the Erasmus programme.

## You might also be INTERESTED IN:

- ♦ Environmental Health - DT491 **Pg 214**
- ♦ Chemical Sciences with Medicinal Chemistry - DT299 **Pg 202**

# COTHÚ AN DUINE & DIAITÉITIC HUMAN NUTRITION & DIETETICS

BSc Leibhéal 8 /Level 8

(Bronnta i gcomhpaáirt ag IT BÁC & Coláiste na Tríonóide) /(Awarded jointly by DIT & Trinity College)

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	3H5's	04/H7	06/H7	At least H4 in Chemistry

All students will be vetted by An Garda Síochána.

## What is...Human Nutrition & Dietetics?

Students on this programme are registered in DIT and TCD. The programme is designed to provide an integrated training in the science of nutrition and dietetics and its applications to human health and wellbeing both at the individual and community level.

Nutrition is a branch of science devoted to the study of nutrients. It spans a broad-ranging area, overlapping with many other disciplines including biochemistry, physiology, cell biology, dietetics, medicine, communications and public health.

Dietitians apply knowledge of food, nutrition and other disciplines such as biochemistry, physiology and social science to promote health, prevent disease and aid in the management of illness.

### Learning Outcomes:

## What will I Study?

The broad aim of this undergraduate programme is to produce graduates who are competent to practice at entry level as a dietitian or public health nutritionist or to work as a nutrition expert in the industrial and/or private sector. The modules studied on the programme will enable competence based on theoretical knowledge, the application of the core sciences to dietetics and human nutrition, the development of scientific and analytical skills and the integration of theory and practice to be developed. To ensure a capacity for evidence-based practice, emphasis will be placed on the development of problem solving skills, the ability to seek, review and critically evaluate and summarise scientific data and information and undertake research and development in Dietetics and Nutrition. Strong emphasis is placed on developing additional transferable skills such as computer literacy, interpersonal and communication skills, ability to work as part of a team and adaptability.

Useful additional information can be obtained from:  
The Irish Nutrition & Dietetic Institute ([www.indi.ie](http://www.indi.ie))  
The Nutrition Society ([www.nutritionociety.org](http://www.nutritionociety.org))

## What our Students say!

- Tara Raftery: The BSc in Human Nutrition and Dietetics is a highly rewarding but challenging programme of study. The highlights for me were my practice placement and my undergraduate research project. Practice placement provides undergraduate students with an excellent opportunity to understand the role of the Dietitian and to establish core competences in hospital and community settings. Undertaking a research project provides an excellent platform into the field of research and proved to be an invaluable learning experience.

After graduation, I started my career as a Clinical Dietitian. The interest in research and skills developed as an undergraduate allowed me to incorporate small amounts of research into my clinical work. I have embarked on a full-time scholarship funded PhD in the area of Clinical Nutrition. I am very fortunate that the PhD enables me to merge both my clinical and research interests. Suffice to say since completing my CAO, and with the dedicated efforts of the lecturers on this programme, I have not looked back.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Biological Sciences



01 402 4562



[kathy.keogh@dit.ie](mailto:kathy.keogh@dit.ie)

COURSE CODE:

**DT223**

COURSE LENGTH:

**4 YEARS**

APPROX:

**25 PLACES**

LOCATION:

**KEVIN ST  
TRINITY COLLEGE DUBLIN**

POINTS 2017

**554**

## Module Listing

### Year One

Food Studies • Introduction to Professional Practice, Communications & Behavioural Science • Biochemistry & Molecular Biology • Nutrition Through the Life Cycle • Nutrition Science • Introduction to Anatomy & Physiology • Organ Systems Physiology • Infection & Immunity • Evidence Based Practice • Practice Placement

**Special requirements for first year:** During year one of the programme you will be required to obtain the following items to complete the course work (approximate prices are included): Lab Coat, Safety Goggles and Manuals (€60), Hepatitis Vaccinations (€90), Immunity Testing (€20), Chef's Uniform & Shoes (€100) and Knife Set (€30)

### Year Two

Professional Practice Studies • Biochemistry of Metabolism • Introduction to Dietetics • Nutrition Science • Control & Integrative Physiology • Pathophysiology • Clinical Chemistry • Nutritional Epidemiology • Practice Placement

### Year Three

Advanced Professional Practice • Management • Applied Nutrition • Medicine & Therapeutics • Dietetics • Clinical Laboratory Science • Applied Nutrition & Metabolism

### Year Four

Practice Placement • Advanced Nutrition & Dietetics • Data Analysis & Interpretation • Research Project

**Placement Based Studies:** Practice placements are a compulsory element of the programme. These placements are divided into three blocks in Year One, Year Two and Year Four and are undertaken throughout the country.

Each practice placement will be followed by a period of college based consolidation. Students are responsible for their own upkeep during these periods of practice placement since they are unpaid.

## What are my... Career Opportunities?

Clinical Nutrition (hospital and community dietetics), Public Health Nutrition, Nutrition Industry (product development, marketing, consumer information), Education (second or third level), Research (public or private sector). The joint DIT/TCD BSc programme in human nutrition & dietetics is the only such degree programme in the Republic of Ireland.

Graduates are well placed to obtain employment in the public or private sectors as dietitians (or clinical nutritionists) in the hospitals or community care areas of Ireland or the UK.

With some further study towards licensing examinations, they may also find jobs in dietetics in the US, Australia or New Zealand. However, they are also equipped with the necessary skills to work effectively in the private sector; in food companies or in clinical nutrition product sales and marketing. Some students have chosen to pursue their academic careers in research or education.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who complete the BSc in Human Nutrition and Dietetics can undertake MPhil and PhD degrees in laboratory, clinical or community-based research. Graduates have also undertaken higher degrees in management, marketing, public relations or science communication. Some have undertaken graduate programmes in medicine or the higher diploma in education.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Nutraceuticals in Health & Nutrition - DT420 **Pg 228**
- ♦ Public Health Nutrition - DT225 **Pg 240**

# MATAMAITIC THIONSCLAÍOCH INDUSTRIAL MATHEMATICS

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	*02/H6	06/H7	*Or Applied Mathematics

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Industrial Mathematics?

Industrial mathematics is an interesting and relevant branch of mathematics that studies the skills most desirable in the workplace. The programme has been carefully structured to offer the training, transferable skills and knowledge that employers in the commercial, financial, industrial and public sectors seek in graduates. A particular focus of the programme is the analysis and solution of real-world mathematical problems.

### Learning Outcomes:

## What will I Study?

This programme is designed to equip graduates with the skills and knowledge required to apply mathematical modelling and an analytical approach to real-world problems in industry.

Years 1 and 2 give a broad basis of subjects in applied and pure mathematics, statistics, and operational research. Introducing mathematical modelling and relevant topics in computing are also important features of years 1 and 2. Years 3 and 4 consist of advanced modules in mathematical modelling, financial mathematics, operations research and mathematical statistics. Many of these modules integrate industry relevant software.

Throughout the programme, there is an emphasis on laboratory-based work and problem-based learning via mathematical modelling, computer programming, computer applications, case studies and problem-solving, and the development of professional skills (e.g. communication skills, effective team-work strategies and project management). The programme includes a six-month work placement during year 3 enabling students to experience a working environment and gain experience of using their analytical, problem solving and computer skills.



## Further Information

[www.dit.ie/maths](http://www.dit.ie/maths)

### School of Mathematical Sciences



01 402 4842 (Maev Maguire)



[maev.maguire@dit.ie](mailto:maev.maguire@dit.ie)



## Module Listing

### Year One

Foundation Mathematics • Calculus • Discrete Mathematics  
• Linear Algebra • Statistics • Algorithms • Introduction to Scientific Python • Introduction to Mechanics with Python  
• Professional Development • Mathematical Modelling • Mathematics Laboratory

### Year Two

Geometry • Calculus • Real Analysis • Practical Computing for Mathematics • Linear Algebra • Discrete Mathematics  
• Operations Research • Statistics • Numerical Methods  
• Operating Systems • Professional Development • Mathematics Modelling

### Year Three

Numerical Analysis & Applications • Ordinary Differential Equations • Statistics • Mathematics Practical • Stochastic Mathematical Modelling • Financial Mathematics (plus a specialist, optional module chosen from a selection of modules in pure & applied mathematics, statistics, operations research & financial mathematics) • Six-month Work Placement

### Year Four

Partial Differential Equations • Financial Mathematics • Regression • Queuing Theory & Markov Processes • Case Studies in Industrial Modelling • Financial Mathematics • Industrial/Commercial Statistics • Project - a supervised, in-depth study of a pertinent, interesting problem in mathematics  
• Plus specialist optional modules (two to be chosen) from a selection of topics in pure & applied mathematics, statistics, operations research & financial mathematics.

## What our Students say!

- A degree in maths can open doors to many areas of employment and this allowed me to go into the course knowing that I would not be locked into any specific type of job on finishing college. The course allowed me to experience many different areas of maths, so when it came time to pick options for third year, I found it easy to choose because I had seen each area had practical uses and knew what areas of industry they would be suited to.

## What are my... Career Opportunities?

This programme has been specifically designed to address the need for highly-skilled, numerate, flexible graduates that are able to formulate and apply cutting-edge modelling and statistical analysis, and apply problem-solving techniques to real-world problems.

Mathematics graduates have a wide range of interesting careers available to them: e.g. in financial services, industrial R & D, medical statistics, teaching, software development, systems analysis, telecommunications, meteorology, civil service, environmental control & defence, economic & social research and a wide range of applied technologies.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates will have developed a capacity for independent study and be in a good position to progress to postgraduate study and research. In particular, graduates who reach the appropriate honours standard will be eligible to undertake masters degrees or research degrees in the School of Mathematical Sciences, in DIT or elsewhere in Higher Education.

## Are there study abroad options?

There is an option in some semesters of the programme to study in other european institutions via Erasmus.

## You might also be INTERESTED IN:

- ♦ Mathematical Sciences - DT205 Pg 226

# CÓRAIS FAISNÉISE & TEICNEOLAÍOCHT FAISNÉISE

## INFORMATION SYSTEMS & INFORMATION TECHNOLOGY

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	<b>Important:</b> Students applying on the basis of their Leaving Certificate results <b>MUST</b> have completed their Leaving Certificate at least 3 Years prior to applying for this programme. Applicants may be required to attend for interview

## What is...Information Systems & Information Technology?

Information Systems and Information Technology (IS&IT) is at the core of practical computing applications across all types of businesses and organizations. This course gives you practical and valuable knowledge and skills for working in the (IS&IT) sectors. Students of this course will get an opportunity to study the fundamentals of computing, programming, database systems, networking and many other fields of computing. Importantly students will also be given a thorough introduction to organizational aspects of IS&IT including project management, professional and legal issues, and IT management.

### Learning Outcomes:

## What will I Study?

Graduates of the programme will have the necessary breadth of understanding of the fields of information systems and information technology, as defined by international bodies such as the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE). This will incorporate a deep understanding of the role and obligations of professionals, with regard to ethics, legal requirements and other professional issues. Students on the programme will acquire technical knowledge and skills in software development, information system design, computer networking, database design and implementation, internet development and operating systems as well as having a firm base in the mathematical fundamentals of computing. The two main themes to the programme, information systems and information technology, have capstone modules at the final stage, which each draw on the student's learning through the first three stages of the programme, and lead to their being able to demonstrate a deep understanding of both areas.



### Is this Programme for me?

The BSc in Information Systems and Information Technology (DT255) has been designed for the specific needs of Mature and Non-Standard students. The programme makes use of innovative teaching methods such as video lectures, online tutorials and virtual labs as well as well classical methods such as group based work in physical computer laboratories in DIT.

## Further Information

[www.dit.ie/computing](http://www.dit.ie/computing)

### School of Computing



01 402 4696 (Edina Hatunic-Webster, Programme Chair)



[edina.hatunicwebster@dit.ie](mailto:edina.hatunicwebster@dit.ie)



[dt255-info@dit.ie](mailto:dt255-info@dit.ie)

## Module Listing

### Year One

All modules in years 1 and 2 are core for all students.

Information Systems in Organisations ● Computer Technology  
● Programming & Algorithms ● Interface Design & Web  
Development ● Computing Fundamentals

### Year Two

Object Oriented Programming ● Computer Technology  
● Computing Fundamentals ● Computer Communications &  
Networking ● Database Systems ● Programming Paradigms &  
Data Structures

### Year Three

**Core Modules:** Software Engineering ● Professional &  
Legal Issues ● IT Management **Option Modules:** Advanced  
Database Systems ● Advanced Computer Networking ●  
Internet Application Development ● Work Placement ● Civil  
Engagement

#### Semester 2

Students intending to progress to year 4 of the programme  
must undertake one of options 1-4 below.

Only those students who undertake option 5 can exit with BSc  
(Ordinary) Information Systems & Information Technology.

### Year Four

**Core Modules:** Information Systems Research Practice ●  
Distributed Systems & Systems Integration ● Information  
Systems Engineering ● Honours Degree Project Module **Option  
Modules - choose four:** Geographic Information Systems ●  
Security & Cryptography  
● Bioinformatics ● Business Systems Intelligence ● Artificial  
Intelligence ● Spatial Databases ● Information Security Services

**Note:** Options available change from year to year based on  
changes in the curriculum, lecturer availability, and student  
preferences.

- 1. Work Placement:** Student placement in industry for 6 to 7 months
- 2. International Experience:** Erasmus programme or similar exchange with an international partner
- 3. Specialist Modules:** Students undertake three modules in specialist subject areas.
- 4. Specialist Modules & Individual Project:** Students undertake an individual project and two modules in specialist subject areas.
- 5. Service-Learning & Civic Engagement:** Students undertake a project with a community partner for 6 months

## What are my... Career Opportunities?

Students on this course have strong career opportunities as IT practitioners who can deploy their skills across a range of different industries. Graduates of this course will be in a position to apply for entry level positions such as Software Engineer, Network Administrator, Information Scientist, Web Developer and many more.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of this course who have achieved an honours degree may apply for entry to Masters programmes in Computing and other related disciplines. Example Masters programmes include Data Analytics, Security, Advanced Software Development.

Graduates of this course who have achieved an honours degree may also apply for admission to PhD programmes in Computing both within DIT and elsewhere.

Students may exit with a Higher Certificate after successfully completing the second year or exiting with a BSc (Ord) in Information Systems and Information Technology on successful completion of the third Year of the full-time pathway if they have taken an individual project.

## Are there study abroad options?

DIT has been an active participant in the Erasmus programme since its inception. This programme allows DIT students to study or work for between 3 and 12 months in another EU state (or in Iceland, Lichtenstein, Norway or Turkey).

## You might also be INTERESTED IN:

- ♦ Computer Science - DT228 **Pg 206**
- ♦ Computer Science (International) - DT282 **Pg 210**
- ♦ Computer Science (Infrastructure) - DT211 **Pg 208**
- ♦ Networking Applications & Services - DT080B **Pg 152**
- ♦ Networking Technologies - DT080 **Pg 190**
- ♦ Business Computing - DT354 **Pg 100**

# EOLAÍOCHTAÍ MATAMAITICIÚLA MATHEMATICAL SCIENCES

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	*02/H6	06/H7	*Or Applied Mathematics

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Mathematical Sciences?

Mathematical Sciences is a broad title that encompasses most areas of mathematics and statistics. Graduates have high-calibre analytical and problem-solving skills and are therefore extremely flexible and able to apply a broad range of mathematical techniques and rigour to countless applications and industries.

### Learning Outcomes:

## What will I Study?

The programme provides graduates with scientific and analytical skills in mathematics as well as an ability to solve problems found in real-life. The first two years of the programme are designed to provide a sound foundation in mathematics, which will underpin subsequent work, and to introduce students to topics in statistics and computer science which can be developed further in later stages through specialised modules.

A strength of the programme is that the third and fourth years are designed in a modular fashion which allows the student to tailor their studies and provides a choice of topics from courses in pure and applied mathematics, statistics, operations research and financial mathematics. The programme includes a six month placement in year three, during which students gain experience of using their analytical, modelling and problem-solving and computer skills in a working environment.

## What our students say!

- ..the course strikes the perfect balance between pure mathematics and more practical aspects such as financial maths and statistics and computer orientated modules.



## Further Information

[www.dit.ie/maths](http://www.dit.ie/maths)

### School of Mathematical Sciences



01 402 4842 (Maev Maguire)



[maev.maguire@dit.ie](mailto:maev.maguire@dit.ie)



## Module Listing

### Year One

Foundation Mathematics • Calculus • Discrete Mathematics  
• Linear Algebra • Statistics • Algorithms • Introduction to Scientific Python • Introduction to Mechanics with Python  
• Professional Development • Mathematics Modelling • Mathematics Laboratory

### Year Two

Geometry • Calculus • Real Analysis • Practical Computing for Mathematics • Linear Algebra • Discrete Mathematics  
• Operations Research • Statistics • Numerical Methods • Operating Systems • Professional Development • Mathematics Modelling

### Year Three

Numerical Analysis & Applications • Ordinary Differential Equations • Statistics • Mathematics Practical • Six-month Work Placement

Plus three specialist optional modules chosen from a selection of topics in pure & applied mathematics, statistics, operations research & financial mathematics.

### Year Four

Partial Differential Equations • Project - a supervised, in-depth study of a pertinent, interesting problem in mathematics

Plus specialist optional modules (four to be chosen per semester) from a selection of topics in pure & applied mathematics, statistics, operations research & financial mathematics.

## What are my... Career Opportunities?

Qualified mathematicians enjoy a very wide range of careers and are much sought after.

A mathematics degree opens up a world of opportunities and will keep pace with whichever employment areas are currently thriving. Graduates of this programme will have highly-developed analytical, technical, modelling and problem-solving skills and be in an ideal position to embark on high achieving careers in industry, commerce, the teaching and other professions and the public sector. Many graduates enter the IT and Financial Services sectors.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of masters degrees in DIT and elsewhere in Higher Education.

## Are there study abroad options?

There is an option in some semesters of the programme to study in other European institutions via Erasmus.



## You might also be INTERESTED IN:

- ♦ Industrial Mathematics - DT220 Pg 222

# NÚTRAICEODAIGH I SLÁINTE & COTHÚ

## NUTRACEUTICALS IN HEALTH & NUTRITION

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least 04/H7 in one of: Physics, Chemistry, Physics & Chemistry or Biology

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Nutraceuticals in Health & Nutrition?

Nutraceuticals are concentrated compounds obtained from food sources which can provide health benefits including prevention of disease and health promotion. Examples of nutraceuticals include substances such as Omega 3, antioxidants or probiotics. In today's competitive food industry, and with increased consumer awareness of the link between diet and health, nutraceuticals are a dynamic and growing market sector.

### Learning Outcomes:

## What will I Study?

This programme covers a range of scientific disciplines and new nutraceutical technologies and aims to produce contemporary food scientists capable of exploiting this growing opportunity in health and wellness. An additional feature of this programme is its coverage of the emerging area of sports nutrition and nutrigenomics. Students on the programme will also undertake a three month work placement in a relevant area and a full semester in year 4 is dedicated to an independent research project which allows students to develop their research skills and develop an in-depth knowledge in an area of their choice.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What our Students say!

- **Niamh Máire Mohan (2015)** - The DT420 programme is unique in its diversity. This course and its supportive lecturing staff have helped me build my distinctive skills and knowledge base through practical laboratory work, problem based learning tasks and interactive E - learning lectures.

There is a heavy focus on current advances and future directions of research which fit with the developing nature of the science. I got to study in Lund University Sweden and this invaluable experience broadened my academic perspective and amplified my enthusiasm as I gained a sense of the overall potential of functional foods. I then continued to carry out my final year project in Polytechnic University Valencia (Spain) where I furthered my understanding of how the science is developing globally.

I was awarded a scholarship by the Irish Research Council to carry out an Employment based PhD in conjunction with Trinity College Dublin and Nuritas Limited, a young Biotechnology company. This exciting project is based on using a combination of artificial intelligence and data mining to find novel antimicrobial peptides from sustainable food sources. The potential application of these bioactives spans from the food protection industry to the medical sector as alternative antimicrobial therapies.

DT420 prepares students who want to follow a further academic or an industrial career. Through this style of PhD, I am doing both, and feel that this degree helped shape my understanding of both worlds so that research is not just confined to the lab, it can be applied to the real world.

## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

### School of Food Science & Environmental Health



01 402 7570 (Prof Nissreen Abu-Ghannam)



[nissreen.abughannam@dit.ie](mailto:nissreen.abughannam@dit.ie)

## Module Listing

### Year One

Principles of Cellular & Systems Biology • Fundamentals of Inorganic, Organic & Physical Chemistry • Digital skills & Computer Applications • Mathematics for Scientists • Physics for Sciences & Health • Principles of Food Processing & Preservation • Introductory Nutrition & Microbiology • Communications & Nutraceutical Industry Studies

### Year Two

Structural & Transformational Biochemistry • Natural Organic Chemistry • Food & Pharmaceutical Instrumentation • Food Process Technology • Food Engineering • Food Ingredients & Regulatory Affairs • Diet, Health and Disease • Statistics • Food Microbiology

### Year Three

Food Chemistry & Food Chemical Analysis • Principles of Pharmacology & Toxicology • Biotechnology • Food Shelf-Life Management & Packaging • Innovation & Entrepreneurship • Nutraceutical Microbiology • Medicinal Chemistry for Nutraceuticals • Nutraceutical Product Development • Nutraceutical Food Quality & Occupational Safety • Sports Nutrition • Industrial placement

### Year Four

Functional Food Products & Processing Aspects • Lifecycle Nutrition • Nutrigenomics & Nutrigenetics • Industrial Biotechnology for Nutraceuticals • Sports Ergogenic Aids • **A Choice of an Optional Module**

## What are my... Career Opportunities?

Graduates will be qualified to enter a rewarding career in this innovative industry, participating in and leading the development and production of high quality functional foods and new nutraceutical products for the food industry. Graduates of this programme find employment in a variety of roles including nutraceutical technologist, food product development specialist and quality control and regulatory roles.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates will also be qualified to enter postgraduate research programmes, both in Ireland and abroad, in nutraceutical research and related areas at masters or PhD level. Demand for researchers in this area is currently high and is predicted to further increase in future years.

## Are there study abroad options?

Students may have the opportunity to complete a semester, full year, project work or work placement abroad under the Lifelong Learning Programme (LLP)/Erasmus mobility schemes or their equivalent in other countries, subject to a bilateral agreement between DIT and the host institution.



## You might also be INTERESTED IN:

- ♦ Food Innovation - DT421 Pg 216
- ♦ Pharmaceutical Healthcare - DT422 Pg 232
- ♦ Food Science & Management - DT424 Pg 256
- ♦ Public Health Nutrition - DT225 Pg 240

# OPTAIMÉADRACHT OPTOMETRY

BSc Leibhéal 8 /Level 8

ALL STUDENTS WILL BE VETTED BY AN GARDA SÍOCHÁNA.

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of: Physics, Chemistry, Physics and Chemistry or Biology

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Optometry?

Optometrists (Ophthalmic Opticians) are health care professionals who provide primary eye care services. They carry out eye examinations to diagnosis vision defects including myopia (shortsight), hyperopia (longsight), astigmatism and presbyopia and prescribe spectacles. The optometrist's eye examination will detect eye diseases such as cataract, glaucoma and age related macular degeneration. Optometrists are also able to detect ocular signs of systemic conditions such as multiple sclerosis, high blood pressure and diabetes. Patients are referred to doctors by optometrists if medical attention is required. Optometrists in Ireland do not treat eye disease - this is done by the medical profession.

### Learning Outcomes:

## What will I Study?

The first year of the Optometry course focuses on the relevant science subjects necessary for optometric training. Clinical teaching commences in year 1 with Vision Science, which aims to equip the student with some of the core clinical skills necessary for the routine eye examination. The clinical training increases throughout the course.

In the third and fourth year of the programme students are taught how to apply their scientific knowledge in a modern, purpose built clinic, the National Optometry Centre (N.O.C.), based at the DIT Kevin Street, with state of the art facilities and equipment. **Students learn to:**

- Perform an eye examination to determine if spectacles are required
- Choose suitable spectacle frames and lenses based on a detailed knowledge of a wide-range of optical appliances
- Fit contact lenses
- Identify eye related disease so that a patient may be appropriately managed and referred if necessary
- Carry out specialised clinics in: Low Vision, Aged Vision, Paediatrics, Binocular Vision
- Use specialised ophthalmic diagnostic and imaging instrumentation

Students at the end of the 4th year spend a period of 5 months (January - May) working in an Optometric practice under supervision (Students are responsible for their own upkeep during this period). This is designed to give the student workplace experience and skills and to provide them with future employment prospects.



## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics and Clinical & Optometric Sciences



01 402 4785 (Dr Veronica O'Dwyer)



01 402 4915



[veronica.odwyer@dit.ie](mailto:veronica.odwyer@dit.ie)



## Module Listing

### Year One

Vision Science • Ophthalmic Optics & Dispensing • Geometrical Optics • Physical Optics • Physics for Health Science • Cell Biology • Histology, Anatomy & Physiology • Anatomy and Physiology of the eye • Chemistry • Mathematics

### Year Two

Clinical Optometry • Optical Dispensing • Binocular Vision • Contact Lens Practice • Ocular Biochemistry • Medical Physiology • Physiology of Vision • Experimental Statistics • Introduction to Diseases of the Eye and Pharmacology

### Year Three

Primary Care Clinic • Advanced Clinical Techniques • Contact Lens Practice • Binocular Vision • Diseases of the Eye • Ocular & General Pharmacology • Physiology of Vision • Intercultural Communications for Eyecare practitioners & Professional Studies

### Year Four

Primary Care Clinic • Contact Lens Clinic • Environmental Optometry • Paediatric Optometry • Vision Rehabilitation • Optometric Practice Management • Topics in Modern Optometry • Project • Supervised Practice

## What are my... Career Opportunities?

After graduation you are eligible to take the Professional Qualifying Examinations of the Association of Optometrists, Ireland. The BSc Optometry and success in these Professional Qualifying Examinations are academic and professional requirements for registration with CORU (the Health and Social Care Professionals Council). Most newly qualified Optometrists work in established practices in Ireland or the UK. Registration in the UK is possible once you are registered in Ireland.

\*For more career development options please see inside front cover

## What other options do I have after completion?

- Some graduates chose to start their own optometric practices
- Opportunities also exist to undertake industrial research and to work in hospitals (usually abroad)
- Graduates have pursued higher research degrees (Masters and Doctoral degrees) through DIT

The U.S.A. and Canada do not accept Irish (or British) qualifications. North American Optometrists treat eye disease and further study is therefore required.

## What our students say!

- "I chose Optometry as I was interested in science, wanted to work with people and make a difference, in their lives. DIT was a great place to study; the class sizes are small so it was a friendly, close knit community. Lecturers are available to answer any questions, and the National Optometry Centre has amazing facilities for practical work. Through DIT I was introduced to working in sustainable development in vision care. I spent some time in Mozambique, and then lectured for a year with the Malawi School of Optometry. Both were amazing opportunities. Now I work in private practice in the family business while pursuing a Masters in Clinical Optometry."

## Are there study abroad options?

Graduates have been accepted in UK universities to pursue Postgraduate Degrees. Further study in the USA and Canada can be undertaken to attain registration in those jurisdictions.

**STUDENTS WILL BE REQUIRED TO UNDERGO GARDA VETTING. STUDENTS MUST COMPLETE THE REQUIRED DOCUMENTATION, INCLUDING A FULL LIST OF ALL PREVIOUS ADDRESSES, IN ORDER FOR CLEARANCE CHECKS TO BE MADE. CURRENTLY IRISH ADDRESSES ARE VETTED BY THE GARDA VETTING BUREAU AT NO COST TO THE STUDENT.**

## You might also be INTERESTED IN:

- ♦ Ophthalmic Dispensing - DT219 Pg 252

# CÚRAM SLÁINTE CÓGAISÍOCHTA PHARMACEUTICAL HEALTHCARE

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	04/H7	06/H7	At least 04/H7 in one of: Physics, Chemistry, Physics and Chemistry or Biology

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Pharmaceutical Healthcare?

The Pharmaceutical Healthcare programme provides students with an integrated Programme of practice and theory focussing on the key concepts in pharmaceutical sciences and technology.

The Programme develops students' knowledge of the fundamental principles, as well as latest developments and applications, equipping them for employment in a variety of areas within biopharmaceutical and pharmaceutical manufacturing, as well as associated industries.

The Programme also gives students a broad understanding of the biopharmaceutical and pharmaceutical industries, in order to meet the current and anticipated technical and skills needs of these industries.

## Learning Outcomes:

## What will I Study?

You will primarily learn about how the fundamental sciences are applied to biopharmaceutical and pharmaceutical manufacturing. Throughout the Programme there is a strong focus on the core competencies and skills that will prepare you for the work environment in the biopharmaceutical, pharmaceutical and allied industries, both during the Programme as part of your work experience and also after you graduate.

The Programme has two discipline streams in Year 4 which underpin core modules in the area of (bio) pharmaceutical manufacturing. These two streams will allow you to specialise into either small molecule pharmaceuticals or biopharmaceuticals. The Programme is structured over four years and covers a comprehensive range of disciplines including scientific, technological, manufacturing, developmental and regulatory areas related to the biopharmaceutical and pharmaceutical industries. The Programme includes the options of extended external placement or international placement and this will give you the opportunity to develop independence, confidence and build upon your disciplinary expertise and knowledge you have gained.

Finding employment in an industrial/research environment post-graduation will be aided by developing your key personal and interpersonal employability skills throughout the Programme. The provision of challenging self-directed learning exercises, culminating in a final year research project, will enable you to become a graduate that is self-reliant, problem-solving, innovative and self-motivating.

## What our Students say!

- "DIT's BSc Pharmaceutical Healthcare Degree provides students with a diverse and thorough background into the Pharmaceutica Industry. It incorporates a wide range of topics which provide excellent training in scientific principles, self-discipline, practical applications, organisational and computing skills.

I fulfilled my placement in the Immunology Department within the Central Pathology Laboratories, St. James' Hospital, during which I easily transferred theoretical knowledge into practical uses. I am currently working as a QC Analyst performing analysis on Oral Solid Dosage Formulations. I now have the option of branching out into multiple fields within the Pharmaceutical Sector as well as Biopharmaceutics"

## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

School of Food Science & Environmental Health



01 402 4379 (Dr. Barry Ryan)



[barry.ryan@dit.ie](mailto:barry.ryan@dit.ie)

## Module Listing

### Year One

Principles of Cellular & Principles of Systems Biology •  
Fundamentals of Inorganic/Organic/Physical Chemistry •  
Introductory Physics • Mathematics for Scientists • Computer  
Applications & Digital Skills • Basic Microbiology • Introduction to  
Manufacturing & Introduction to Biopharmaceuticals

### Year Two

Structural Biochemistry & Transformational Biochemistry  
• Natural Chemistry & Organic Chemistry • Statistics •  
Instrumentation for (Bio) Pharmaceuticals • Pharmaceutical  
Microbiology • Process Technology • Regulatory Affairs •  
Quality Systems

### Year Three

Biotechnology • Principles of Pharmacology & Toxicology •  
Pharmaceutical Formulation • Pharmaceutical Microbiology •  
Chemical Technology • Work Placement

### Year Four

**Core:** Research Dissertation • Responsible Research • Lean  
Manufacturing & Six Sigma • Design of Experiments &  
Multivariate Analysis • Process Analytical Technology  
• Optional Module  
**Pharmaceutical Manufacture Stream:** Medicinal Chemistry •  
Drug Discovery & Synthesis • Advanced Analytical Techniques  
**Biopharmaceutical Manufacture Stream:** Advanced  
Biotechnology • Bioprocessing • Immunology & Diagnostics

## What are my... Career Opportunities?

Upon completion of the Programme you will be equipped with the skills to work in a variety of roles within the science and technology industries. The variety of roles our graduates are employed in include; quality control/assurance, product manufacture and development, sales and clinical trials.

Employers of our graduates include; Mylan, Novartis, Pfizer, Servier and Valient. Graduates have also entered Graduate Development Programmes in large multinational companies such as Abbot, where there are ongoing and expanding opportunities in the coming years in Ireland and internationally.

\*For more career development options please see inside front cover

## What other options do I have after completion?

You may also consider further studies after you graduate. Due to the research focus of the Programme, many of our graduates have pursued Postgraduate Masters Degrees (taught and research) and PhD's in DIT, TCD, UCD, DCU and overseas. Alternatively, graduates may also consider a teaching career once a suitable postgraduate teaching qualification has been completed.

## Are there study abroad options?

You have the opportunity to both study and work abroad within the Programme. You can choose to complete a semester, a full year, project work or work placement abroad under the Lifelong Learning Programme (LLP)/ERASMUS mobility schemes.

Studying, or work placement, abroad is permitted subject to an approved selection procedure and where an agreement exists between DIT and the proposed host institution.

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**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- Nutraceuticals in Health & Nutrition - DT420 **Pg 228**
- Medicinal Chemistry & Pharmaceutical Science - DT261 **Pg 250**
- Food Science & Management - DT424 **Pg 256**
- Food Innovation - DT421 **Pg 216**
- Pharmacy Technician Studies - DT425 **Pg 258**
- Science (General Entry) - DT201 **Pg 242**

# TEICNEOLAÍOCHT NA FISICE PHYSICS TECHNOLOGY

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology, Mathematics, Applied Mathematics, Technical Drawing or Design and Communication Graphics.

## What is... Physics Technology?

If you are interested in why things happen in the physical world, then Physics Technology may be for you. It underpins most modern technologies and holds a key to improving all of our futures. Physicists design experiments to test or apply new ideas in order to better understand the physical world. For instance, it is the work of physicists which has led to key developments in areas such as optics, electronics, communications systems, information technology, computing, medical technologies, energy production and management, sustainable technologies and environmental technologies.

### Learning Outcomes:

## What will I Study?

This programme is designed to educate and train professional scientists in the area of Physics Technology. The course is a four year, full time honours degree programme and aims to provide graduates with scientific and analytical skills in physics as well as a practical problem solving ability.

It is not necessary to have studied physics in order to do this degree, although you do need to have an interest in science and technology. All of the Physics in year 1 and much of it in year 2 is delivered using the exciting method of Problem Based Learning. This learning style allows students to develop additional skills much sought after by industry: problem solving, adaptability, teamwork, research skills, leadership and communication skills.

Physics Technology is an accredited programme of the Institute of Physics (IOP).

## QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS CASLT/5M3807 Laboratory Techniques	FIVE DISTINCTIONS WHICH MUST INCLUDE C20139/5N1833 Mathematics, OR Leaving Certificate Mathematics 03/H7
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## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics



01 402 4927



siobhan.daly@dit.ie



## Module Listing

### Year One

Physics ● Physics of Motion ● Waves; seeing them (optics) & hearing them (sound) ● Heat & Thermal Physics ● Electricity & Magnetism ● Modern & Nuclear Physics ● Properties of Materials ● Applied Physics ● Chemistry ● Mathematics ● IT & Computing ● Science Technology & Society

### Year Two

Physics ● Optics & Electromagnetism ● Mechanics ● Relativity ● Heat & Thermodynamics ● Electronics & Semiconductors ● Quantum Mechanics ● Condensed Matter & Nuclear Physics ● Vibrations & Waves Renewable Energy ● Technology for Sustainability ● Applied Physics ● Astronomy ● Energy & Environmental Physics ● Mathematics ● IT & Computing ● Entrepreneurship for Scientists

### Year Three

Optics ● Electromagnetism & Lasers ● Condensed Matter ● Electronics ● Ionising & Non Ionising Radiation ● Quantum Mechanics ● Physics of Materials ● Thermal Physics ● Computation ● Environmental & Remote Sensing ● Vacuum Techniques for Nanotechnology ● Project

### Year Four

Electronics & Instrumentation ● Lasers & Optical Communications ● Radiation & Nuclear Physics ● Particle Physics & Astrophysics ● Electromagnetism & Statistical Physics ● Quantum Physics of Solids ● Computational Physics ● Invention, Innovation & Commercialisation Project  
**Optional Modules:** Physics of Fluids & Acoustics ● Applied Optical Spectroscopy & Advanced Optics ● Physics of Materials ● Diagnostic Imaging ● Semiconductor & Molecular Nanostructures & Devices ● Advanced Techniques for Computational Physics

## What are my... Career Opportunities?

Physics graduates are employed in a diverse range of areas including environmental monitoring, medical physics, lasers and opto-electronics, equipment design, telecommunications, aerospace, research, project management, finance, education, technical writing, meteorology, materials science, geophysics, radiation protection, solar physics and many more.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Suitably qualified graduates will have access to a range of Masters Programmes in DIT and elsewhere in Higher Education. Opportunities also exist for graduates to pursue Master's and Doctorate studies by research.

## What our Students say!

- ....having fun learning
- ....learning from each other
- ....it is more effective and enables you to remember better
- ....the real-life problems are more interesting and challenging

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**9AM - 2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Physics with Energy & Environment - DT221 **Pg 236**
- ♦ Physics with Medical Physics & Bioengineering - DT235 **Pg 238**
- ♦ Industrial & Environmental Physics - DT260 **Pg 248**

# FISIC LE FUINNEAMH & COMHSHAOL

## PHYSICS WITH ENERGY & ENVIRONMENT

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	2H5's	03/H7	06/H7	At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology, Mathematics, Applied Mathematics, Technical Drawing or Design and Communication Graphics.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS:	FIVE DISTINCTIONS WHICH MUST INCLUDE
CASLT/5M3807 Laboratory Techniques	C20139/5N1833 Mathematics, OR Leaving Certificate Mathematics 03/H7

## What is...Physics with Energy & Environment?

Increasingly, many aspects of our economy and of our lifestyles depend on our ability to manage our energy needs and our environment appropriately. Many challenges exist including energy production, management and distribution, sustainability, environmental monitoring and measurement and the technologies associated with all these sectors. Physics plays a crucial role in all of these areas. Physicists develop new innovative technologies for these and areas such as renewable energy, atmospheric monitoring, the green economy and many more. The importance of the energy and the environmental sectors and the roles of physics graduates within these are internationally recognised.

### Learning Outcomes:

## What will I Study?

If you are interested in the applications of physics to the key areas of Energy and Environment and are interested in pursuing an engaging career in these areas, you will need an aptitude for science and a keen interest in physics.

The first year of this programme provides a strong foundation across all of the relevant science subjects and in mathematics. This prepares students for the applied nature of the physics modules which are developed through to the final year and for the specialist Energy and Environment modules studied. In second year, the relevant core modules in physics, mathematics and computing are taught together with some specialised material in the Energy and Environmental areas. These areas are further developed in stages three and four. All students participate in an industrial work placement of approximately 6 months in stage 3.

Additionally, there is a strong emphasis throughout the programme on problem solving skills, professional skills, computing and ICT skills. Problem Based Learning is used in stages 1 and 2 and this allows students to become good problem solvers and to develop a range of key skills much sought after by industry and in research settings. There is a significant emphasis on laboratory practice and skills. These aspects of the programme, together with work placement and modules that emphasise the practical nature of the programme prepare graduates for employment in the relevant sectors or for graduate study either here in Ireland or abroad.

## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics



01 402 4953 (Dr John Doran)



[john.doran@dit.ie](mailto:john.doran@dit.ie)

## Module Listing

### Year One

**Physics:** Problem Based Learning • Physics of Motion & Waves • Physics of Heat • Electricity & Magnetism • Modern & Nuclear Physics • Properties of Materials • Astronomy, Energy & Environmental Physics).

**Chemistry:** General & Organic • Inorganic & Physical • Classical Techniques • Mathematics Computational Studies Science • Technology & Society

### Year Two

**Physics:** Problem Based Learning & Lectures • Optics & Electromagnetism • Mechanics • Relativity • Heat & Thermodynamics • Electronics & Semiconductors • Quantum Mechanics • Condensed Matter & Nuclear Physics • Vibrations & Waves • Renewable Energy • Technology for Sustainability • Environmental Physics • Atmospheric Physics • Mathematics IT & Computing Entrepreneurial Studies for Scientists

### Year Three

Optics, Electromagnetism & Lasers • Condensed Matter • Electronics • Ionising & Non Ionising Radiation • Quantum Physics • Alternative Energy Systems • Industrial Work Placement

### Year Four

Thermal Physics • Electronics & Instrumentation • Quantum Physics of Solids • Nuclear & Particle Physics & Astrophysics • Electromagnetism & Statistical Physics • Advanced Topics in Energy & Environmental Physics • Energy Policy & Economics • Environmental Measurement • Invention

## What are my... Career Opportunities?

Graduates will find employment in a diverse range of areas including energy production, management and distribution, also in developing sustainable solutions to energy and environmental challenges, in the development of technologies for renewable energy production and energy storage and in environmental monitoring both within structures and in the open. Graduates will contribute to the continued development of the Green Economy across all of these sectors and be key to the development of new and emerging technologies.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Suitably qualified graduates of this programme are eligible to progress to taught and research masters and doctoral programmes in DIT and in other Higher Education Institutions in Ireland and abroad.

## Are there study abroad options?

Some opportunities of securing experience abroad are possible during the work placement period of stage three.



## You might also be INTERESTED IN:

- ♦ Physics Technology - DT222 **Pg 234**
- ♦ Physics with Medical Physics & Bioengineering - DT235 **Pg 238**
- ♦ Industrial & Environmental Physics - DT260 **Pg 248**

# FISIC LE FISIC LEIGHIS & BITHINNEALTÓIREACHT PHYSICS WITH MEDICAL PHYSICS & BIOENGINEERING

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	03/H7	06/H7

## Other Requirements

At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology, Mathematics, Applied Mathematics, Technical Drawing or Design and Communication Graphics.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

ONE OF THE FOLLOWING AWARDS: CASLT/5M3807 Laboratory Techniques  
FIVE DISTINCTIONS WHICH MUST INCLUDE C20139/5N1833 Mathematics, OR Leaving Certificate Mathematics 03/H7

## What is...Physics with Medical Physics & Bioengineering?

This is a Physics degree which has been developed in partnership with both the Medical Device Industry and the Medical Physics and Bioengineering community in Ireland and is accredited by the Institute of Physics. Many important aspects of medical diagnostics, technology and treatment are underpinned by physics. Think of x-rays, ultrasound, magnetic resonance imaging, CT scans and treatment of tumours with radiation. Physics is crucial to all of these. Medical physicists and bioengineers play a vital and often leading role on the medical research team in terms of the development or application of new medical technology in a hospital or industry environment.

### Learning Outcomes:

## What will I Study?

This Physics degree is in the area in one of the country's most vibrant technological sectors, highly practical and has been developed in partnership with both the Medical Device Industry and the Medical Physics and Bioengineering community in Ireland.

A range of specialist modules are delivered by experts in the areas of Medical Devices, Bioengineering and Rehabilitation Engineering, Medical Imaging and Radiotherapy to ensure a strong focus and relevance to the programme. In the module "Physics of Medical Devices" you will gain an insight into the Medical Device Industry from the initial concept of a medical device to the manufacture of the device. In the module Diagnostic Imaging, the learner will gain an understanding of the principles of how an image is formed using x-rays or sound waves and be able to critically assess the important design features in such imaging devices for optimum image quality. In the "Bioengineering" module you will learn about the design and engineering of artificial limbs and implants as well as advanced biocompatible materials.

Furthermore, there is a seven month Work Placement as part of year 3 in either a Medical Physics & Bioengineering department in a hospital, research laboratory or in a Medical Device industry. This work placement will give you day-to-day experience as a physicist in Medical Physics and Bioengineering as well as helping you to develop important links for your future career.



## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics and Clinical & Optometric Sciences



01 402 4927 (Dr Siobhan Daly)



siobhan.daly@dit.ie



## Module Listing

Concentration on a single subject is not enough for any scientist, especially in as wide-ranging a subject area as this. This degree programme also covers relevant Biology, Engineering, Problem Solving Skills, Computer Studies, Chemistry, Maths (in Years 1 and 2) and Professional Skills.

### Year One

Physics (with Medical Physics flavour) • Biology • Microbiology & Medical Device Decontamination • Mathematics • Chemistry • Computational Studies • Science • Technology & Society Studies

### Year Two

Physics • Biology • Mathematics • Medical Devices & Feedback Control • Computational Studies • Entrepreneurial Studies

### Year Three

Physics • Medical Physics & Bioengineering • Rehabilitation Engineering & Tissue Engineering • Biomaterials • Implants & Biosensors • Industrial Work Placement.

### Year Four

Physics • Medical Physics & Bioengineering • Diagnostic Imaging • General Radiotherapy • Bioelectromagnetism • Invention • Innovation & Commercialisation • Studies & Research Project

## What are my... Career Opportunities?

A wide range of careers exist for physics graduates, many of them using the methodology of physics: technical know-how, the logical approach, problem solving skills. Physic graduates work in well-paid physics-based industries such as the critical and growing areas of medical physics, bioengineering and medical devices and also the electronics industry, alternative energy development and telecommunications. Their analytical skills also place physicists in demand in a range of financial, fund management and research roles, in the law, in management consultancy, as weather forecasters, computer programmers and as physics and science teachers. Typical career opportunities of past graduates are in such hospitals and companies as;

- Mater Misericordiae University Hospital
- University Hospital Galway
- The University of Dundee, Scotland
- The NHS Greater Glasgow & Clyde
- Fisher & Paykel Healthcare
- Boston Scientific
- Hermitage Medical Clinic
- bitSmith Games
- St. James's Hospital
- Medtronic Vascular
- Hull & East Yorkshire Hospitals NHS Trust

\*For more career development options please see inside front cover

## What our Students say!

- Antonia Bryan (Graduated 2012), employed as a Medical Physicist in Hull and East Yorkshire Hospitals Trust since September 2012.- "Having studied at different universities I was pleasantly surprised by the fresh teaching methods used at DIT. The problem based learning environment and practical lab work that I experienced while studying in the School of Physics at DIT was the best foundation for the kinds of problems I face every day as a medical physicist. The small class size meant we made life-long friends and our lecturers knew us all personally. I wouldn't have the experience I do now if it wasn't for their encouragement and mentoring."

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of taught Masters degrees or MPhil or PhD research degrees in DIT and elsewhere in Higher Education including opportunities in taught Masters degrees of MPhil or PhD research degrees in medical physics.

## Are there study abroad options?

Six to twelve months (subject to scrutiny of modules by Programme Committee) to be taken abroad.

## You might also be INTERESTED IN:

- ♦ Physics Technology - DT222 Pg 234
- ♦ Physics with Energy & Environment - DT221 Pg 236
- ♦ Industrial & Environmental Physics - DT260 Pg 248

# COTHÚ SLÁINTE POIBLÍ

## PUBLIC HEALTH NUTRITION

BSc Leibhéal 8 / Level 8

All students will be vetted by An Garda Síochána.

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
6	3H5's	O4/H7	O6/H7	At least H4 in one of: Physics, Chemistry, Physics and Chemistry or Biology

## What is... Public Health Nutrition?

Public Health Nutrition involves the promotion of good health through nutrition and the primary prevention of nutrition related illness in the population. It focuses on the application of food and nutrition knowledge, policy, and research to improving the optimum nutritional health of the whole population and high risk or vulnerable subgroups within the population. This public health nutrition degree will have an international perspective and will examine how global, national and local community programs might be designed to improve the nutritional status of the population as a whole and those at particular risk.

### Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

**OPEN 2017**  
**DAY** DIT AUNGIER ST.  
9AM - 2PM 01.12-02.12

### Learning Outcomes:

## What will I Study?

Nutrition is the study of nutrients in food, the role of nutrients in the body and the relationship between diet, health and disease. The study of nutrition draws on a range of subjects including the basic sciences, biochemistry, cell and molecular biology, immunology, microbiology and physiology. The programme is designed to provide an integrated training in the science of nutrition and its applications to human health and wellbeing both at the individual and community level.

Competence will be developed based on theoretical knowledge, the application of the core sciences to human nutrition, the development of scientific and analytical skills and the integration of theory and practice. To ensure a capacity for evidence-based practice, emphasis will be placed on the development of problem-solving skills, the ability to seek, review and critically evaluate and summarise scientific data and information and the ability to undertake research and development in Public Health Nutrition. These skills and competencies will be further developed/reinforced by the inclusion of a research project (year 3) and a 36-40 week professional placement (year 4) and to ensure our graduates have real-life work experience and are fit for purpose. Strong emphasis is placed on developing additional transferable skills such as computer literacy, interpersonal and communication skills, ability to work as part of a team and adaptability.

## Are there study abroad options?

Currently students in the School of Biological Sciences have an opportunity to undertake their research project in Europe as part of the ERASMUS programme. The opportunity may also be available to undertake the Professional Placement in Europe.

## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Biological Sciences



01 402 4562



[biolsciences@dit.ie](mailto:biolsciences@dit.ie)

## Module Listing

### Year One

Biochemistry & Molecular Biology • Chemistry for Human Nutrition • Food Studies • Nutrition Science-Macronutrients • Nutrition through the Lifecycle • Physiology • Infection & Immunity • Professional Practice, Communications & Behavioural Science • Research Methodology & Statistics

### Year Two

Biochemistry of Metabolism • Nutrition Science-Micronutrients • Control & Integrative Physiology • Pathophysiology • Public Health Microbiology • Cell & Molecular Biology • Clinical Chemistry • Nutritional Epidemiology • Professional Practice for Public Health Nutrition • Practice Placement (4 weeks)

### Year Three

Applied Nutrition • Molecular Nutrition • Global Food Issues • Food Safety, Food Policy & Regulatory Affairs • Innovation & Commercialisation • Data Analysis & Interpretation • Professional Development for Placement • Research Project

### Year Four

Professional Placement (36-40 weeks) • Consolidation

## What are my... Career Opportunities?

Employment opportunities exist for nutrition experts within the agri-food production and retail industries. Opportunities also exist for employment in nutrition product sales and marketing. A number of government agencies and bodies are employing expert nutritionists. The growing appreciation of the role of nutrition in public health amongst health professionals, industry, the general public, and at Government level is resulting in a growing demand for graduates in Public Health Nutrition.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who successfully complete the BSc in Public Health Nutrition will be eligible to register as Associate Nutritionists with the UK Voluntary Register of Nutritionists (UKVRN) conferred by the Association for Nutrition. After approximately three years relevant experience graduates of the Public Health Nutrition Programme are eligible to apply for Registered Nutritionist status. Students who successfully complete the BSc in Public Health Nutrition will also be eligible to undertake MPhil and PhD degrees in laboratory or community-based research.



## You might also be INTERESTED IN:

- ♦ Human Nutrition & Dietetics - DT223 Pg 220

# EOLAÍOCHT (IONTRÁIL GHINEARÁLTA)

## SCIENCE (GENERAL ENTRY)

BSc Leibhéal 8 / Level 8

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	03/H7	06/H7

### Other Requirements

At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology or Applied Mathematics.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Science (General Entry)?

Science is the process of understanding the world around us and underpins many of the major industrial sectors and employers in Ireland, for example, Pharmaceutical, Biotechnology, Healthcare, Agri-Food and the Green Economy. A recent review of employment opportunities in Ireland by Forfás identified that Science will be at the core of the Future Skills Needs and economic recovery in Ireland. This General Science Programme is ideal if you are not yet sure which Science discipline you wish to pursue and you are looking for a broad education in first year that will allow the maximum possible choice in future years.

### Learning Outcomes:

## What will I Study?

- Demonstrate an understanding of fundamental scientific and mathematical principles
- Develop basic theoretical and technical skills in biology, chemistry, physics and mathematics
- Possess the capacity to analyze and interpret a range of physical, chemical and biological data
- Students will have developed their communications skills so as to effectively retrieve information, write reports and make presentations
- To begin applying the Scientific Technique in analysing and solving problems
- Have an understanding of Science and the role and responsibilities of a Scientist in society
- The students would be expected to meet minimum requirements for transfer to the second year of one of the participating level 8 programmes. The normal minimum requirement is to pass all modules taken



## Further Information

see below

### School of Chemical & Pharmaceutical Sciences

01 402 4570 (Dr. Gavin Sewell)  
gavin.sewell@dit.ie  
[www.dit.ie/chemistry](http://www.dit.ie/chemistry)

### School of Food Science & Environmental Health

01 402 4408 (Dr. James Curtin)  
james.curtin@dit.ie  
[www.dit.ie/fseh](http://www.dit.ie/fseh)

### School of Biological Sciences

01 402 4563 (Dr. Jan Guerin)  
jan.guerin@dit.ie  
[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Physics

01 402 4927 (Dr. Siobhan Daly)  
siobhan.daly@dit.ie  
[www.dit.ie/physics](http://www.dit.ie/physics)



COURSE CODE:  
**DT201**

COURSE LENGTH:  
**1 YEAR**

APPROX:  
**30 PLACES**

LOCATION:  
**KEVIN ST  
CATHAL BRUGHA ST**

POINTS 2017  
**462**

## Module Listing

### Year One

Biology • Chemistry • Physics • Mathematics • Nutrition  
Students are required to take an additional elective module commencing in semester two. Selection of this elective module depends on the preferred choice of programme that a student will select following successful completion of the year one examinations.

## Are there study abroad options?

Individual programmes in the College of Sciences and Health have opportunities to study abroad in second and subsequent years. Please see the course entries for: DT203, DT221, DT222, DT227, DT235, DT299, DT420, DT421 and DT422.

\*Please note that while every effort is made to accommodate student preferences, entry to the listed programmes may not be guaranteed. If a programme is oversubscribed, the places are allocated on the basis of academic performance in stage 1 of the programme.

## What other options do I have after completion?

Students can apply to enrol into Year 2 of the following 10 participating BSc (Hons) programmes:

- ♦ DT203 BSc (Hons) Forensic & Environmental Chemistry
- ♦ DT206 BSc (Hons) Biomedical & Molecular Diagnostics **\*NOTE\***
- ♦ DT221 BSc (Hons) Physics with Energy & Environment
- ♦ DT222 BSc (Hons) Physics Technology
- ♦ DT227 BSc (Hons) Science with Nanotechnology
- ♦ DT235 BSc (Hons) Physics with Medical Physics & Bioengineering
- ♦ DT299 BSc (Hons) Chemical Sciences with Medicinal Chemistry
- ♦ DT420 BSc (Hons) Nutraceuticals in Health & Nutrition
- ♦ DT421 BSc (Hons) Food Innovation
- ♦ DT422 BSc (Hons) Pharmaceutical Healthcare

**\*NOTE\* There are very limited spaces available (normally 2 places)**

Students will not under any circumstances transfer into the Year 2 of:

- ♦ DT204 BSc (Hons) Biomedical Science
- ♦ DT205 BSc (Hons) Mathematical Sciences
- ♦ DT211 BSc (Hons) Computer Science (Infrastructure)
- ♦ DT220 BSc (Hons) Industrial Mathematics
- ♦ DT223 BSc (Hons) Human Nutrition & Dietetics
- ♦ DT224 BSc (Hons) Optometry
- ♦ DT225 BSc (Hons) Public Health Nutrition
- ♦ DT228 BSc (Hons) Computer Science
- ♦ DT229 BSc (Hons) Clinical Measurement Science
- ♦ DT255 BSc (Hons) Information Systems/Information Technology
- ♦ DT282 BSc (Hons) Computer Science (International)
- ♦ DT405 BSc (Hons) Culinary Science
- ♦ DT491 BSc (Hons) Environmental Health



## You might also be INTERESTED IN:

- ♦ Science (General Entry) - DT212 Pg 254

# EOLAÍOCHT LE NANAITHEICNEOLAÍOCHT SCIENCE WITH NANOTECHNOLOGY

BSc Leibhéal 8 / Level 8

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
6	2H5's	03/H7	06/H7

## Other Requirements

At least H4 in one of Physics, Chemistry, Physics and Chemistry, Biology, Agricultural Science, Engineering, Technology, Mathematics, Applied Mathematics, Technical Drawing or Design and Communication Graphics.

## What is...Science with Nanotechnology?

Nanoscience is the study of very small-things on a nanometer scale (one thousandth millionth of a metre). This is the scale of large molecules like plastics or proteins.

Nanotechnology includes the techniques used to create structures on a scale below 100 nm, which can be used in new generations of electronics, sensors and computer chips. Many of today's global challenges in the environment and health can be addressed by nanotechnology intervention.

Nanoscience and nanotechnology are built upon chemistry and physics. This degree is a solid science degree (physics and chemistry) but with a unique focus on nanoscience and nanotechnology.

## Learning Outcomes:

## What will I Study?

This degree is a physics and chemistry degree with a unique focus on nanoscience and nanotechnology. In the later years of the degree the student chooses to specialise in either physics or chemistry, but all students do the nanotechnology modules. Concentration on a single subject is not enough for any scientist, especially in as wide-ranging a subject area as nanotechnology. So as well as chemistry and physics, this degree programme covers relevant Biology, Problem Solving Skills, Computer Studies, Maths (in Years 1 and 2) and Professional Skills.

Much of the physics in years 1 and 2 is delivered using Problem Based Learning which allows students to develop additional skills and qualities sought by industry including the ability to work in teams, interpersonal skills and adaptability. IT and Computing form an integral part of the programme which is characterised by extensive practical and project components.

In addition to the scientific modules, students will take a series of professional development modules on topics such as Entrepreneurial Skills, Invention, Innovation and Commercialisation Skills and the role of science and technology in society. These modules will help graduates to apply the scientific knowledge gained on the degree in a meaningful real world manner.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)



## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics



01 402 2856 (Dr. Gordon Chambers)



[gordon.chambers@dit.ie](mailto:gordon.chambers@dit.ie)

## Module Listing

### Year One

Physics • Chemistry • Biology • Mathematics •  
Computational Studies • Science Technology & Society

### Year Two

Physics • Chemistry • Nanoscience • Computational Studies  
• Mathematics • Entrepreneurial Studies

### Year Three

**Common Modules:** Nanoscience • Chemical & Spectroscopic  
Techniques for Nanoscience • Vacuum Techniques for  
Nanoscience • Industrial Work Placement

**Physics Major Option:** Physics • Optics, Electromagnetism •  
Lasers • Condensed Matter • Quantum Physics

**Chemistry Major Option:** Chemistry • Physical Chemistry •  
Analytical Chemistry, Pharmaceutical Chemistry • Regulatory  
Chemistry • Physics • Quantum Physics

### Year Four

**Common Modules:** Nanoscience • Semiconductor & Molecular  
Nanostructs & Devices • Advanced Nanotechnology Topics •  
Professional Development Skills • Invention, Innovation &  
Commercialisation • Nanotechnology Research Project

**Physics Major Option:** Physics • Electronics • Thermal Physics  
• Nuclear Radiation & Non-ionising Radiation • Quantum  
Physics of Solids • Lasers & Optical Communications, •  
Chemistry • Surface & Photochemistry • Inorganic Chemistry

• Chemical Control & Environmental Legislation  
**Chemistry Major Option:** Chemistry • Surface &  
Photochemistry • Separation Science & Hyphenated  
Techniques • Advanced Analysis & Polymer Chemistry •  
Pharmaceutical Analysis & Drug Delivery • Chemical Control &  
Environmental Legislation • Physics • Electronics • Quantum  
Physics of Solids

## What are my... Career Opportunities?

Many industries use nanotechnology: semiconductors and electronics, pharmaceuticals, medical devices, automotive, food, agriculture, and more. Industry across Europe is predicting a big shortage of graduates with knowledge of nanotechnology in the near future.

There's a wide range of careers for chemistry and physics graduates, many of them using the methodology of physics and chemistry: technical know-how, the logical approach, problem-solving skills. Graduates can work in physics or chemistry based industries such as medical physics, electronics, energy, telecommunications or the pharmaceutical industry.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Students who have reached the appropriate honours standard may have access to a wide range of Masters Degrees and PhD Degrees in DIT and elsewhere in Higher Education.

### Industrial Work Placements

DIT finds employment for each student in a relevant industry for a period of seven months (February - September) during Year 3 of the degree. This is designed to give the student workplace experience and skills and to provide them with further employment prospects. In the past students have been placed within national and international companies and facilities.

## What our Students say!

- Enjoyed the course from start to end
- Great hands on experience with plenty of lab practice and a work placement
- Staff are friendly and helpful and know their nano

## You might also be INTERESTED IN:

- ♦ Physics Technology - DT222 **Pg 234**
- ♦ Physics with Energy & Environment - DT221 **Pg 236**
- ♦ Physics with Medical Physics & Bioengineering - DT235 **Pg 238**



# EOLAÍOCHTAÍ BITHEACHA BIOSCIENCES

BSc Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
5		04/H7*	06/H7	* Or Applied Maths

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Biosciences?

The aim of this programme is to produce graduates with the necessary skills for employment as technicians/technologists or scientific personnel in the fields of Biotechnology and Biosciences. The 1st year of the programme will provide a solid foundation in Biology, Chemistry, Physics with the 2nd year focusing on the core subject areas of Biochemistry, Cell and Molecular Biology and Microbiology.

The final year of the programme builds on these core subjects, together with Biotechnology and specialised Bio-Industry focused modules of Pharmacology and Toxicology with Research Methods and Applications, as key developmental topics for graduates.

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**



## Further Information

[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

School of Biological Sciences



01 402 4562 /4925



[biolsciences@dit.ie](mailto:biolsciences@dit.ie)



COURSE CODE:  
**DT259**

COURSE LENGTH:  
**3 YEARS**

APPROX:  
**35 PLACES**

LOCATION:  
**KEVIN ST**

POINTS 2017  
**380**

## Module Listing

### Year One

**Core Modules:** Biology • Chemistry • Physics • Mathematics  
• Professional Skills

These five core modules are also common to DT260 Industrial & Environmental Physics, DT261 Medicinal Chemistry & Pharmaceutical Sciences and DT212 Science (General Entry).

Students taking the Biosciences programme take two additional core modules: (a) Introduction to Microbiology and (b) Human Body & Disease and select a third optional module from Physics or Chemistry.

### Year Two

**Core Modules:** Biochemistry • Cell & Molecular Biology  
• Microbial Growth & Genetics • Microbial Diagnostics  
• Immunology • Anatomy & Physiology • Research & Development in Health Life Sciences • Software Applications  
• Introductory Biostatistics.

### Year Three

Biochemistry • Biotechnology – Upstream & Downstream Bioprocessing • Advanced Molecular Biology • Genetic Engineering • Environmental & Public Health Microbiology • Biomedical Science • Pharmacology & Toxicology • Research Methods & Applications.

## What are my... Career Opportunities?

Graduates of this programme are qualified to gain employment in many diverse fields of Biological Science as technicians/technologists in Biomedical, Biopharmaceutical and Biotechnology industries. Graduates also avail of career opportunities in State or third level Research Laboratories.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Candidates with good grades who wish to progress academically are eligible to apply for entry to the Level 8 (Honours) Degree BSc in Bio-molecular Science (DT226A) offered by the DIT or elsewhere in Higher Education.



## You might also be INTERESTED IN:

- ♦ Biomedical Science - DT204 **Pg 196**
- ♦ Biomedical & Molecular Diagnostics - DT206 **Pg 198**
- ♦ Science (General Entry) - DT212 **Pg 254**
- ♦ Science (General Entry) - DT201 **Pg 242**

# FISIC THIONSCLAÍOCH & CHOMHSHAOIL INDUSTRIAL & ENVIRONMENTAL PHYSICS

BSc Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
5		04/H7*	06/H7	* Or Applied Maths

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Industrial & Environmental Physics?

The aim of this programme is to produce graduates with the necessary skills for employment as technicians/technologists or scientific personnel in the fields of technology and physics, with a particular emphasis on the applications of physics in industrial and environmental contexts including the science underlying renewable energy and sustainable technologies.

### Learning Outcomes:

## What will I Study?

The first year of the programme is common with the programmes DT212 Science (General Entry), DT259 Biosciences and DT261 Medicinal Chemistry & Pharmaceutical Sciences, giving the student a broad scientific base before concentrating on the Applied Physics in Year 2 and Year 3.

The programme is offered on a modular basis. Six common core modules in biology, chemistry, physics, mathematics, professional skills and Information Technology provide students with a solid foundation in science. In the second semester there are modules of Project Based Physics, Astronomy and Environmental & Energy Physics. The student chooses an additional module from a selection of Chemistry and Biology modules on offer.

In the third year the applied and practical nature of the degree and the emphasis on environment, energy and industry come to the fore.



## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics

- 01 402 4953 (Dr. John Doran)
- 01 402 4736 (Dr. Elizabeth Gegan)
- 01 402 4988

- [john.doran@dit.ie](mailto:john.doran@dit.ie)
- [elizabeth.egan@dit.ie](mailto:elizabeth.egan@dit.ie)

## Module Listing

### Year One

Biology • Chemistry • Physics • Mathematics • Professional skills • Information Technology • Project Based Physics • Astronomy • Environmental & Energy Physics

### Year Two

Optics & Optical Instrumentation • Heat • Radiation & Astrophysics • Industrial Measurement • Mechanics • Physics of Materials • AutoCAD • Electronics • Professional Development

### Year Three

Renewable Energy Technology of Sustainability • Applied Optics • Acoustics & Industrial Noise • Non-Ionising Radiation • Atmospheric Physics • Vacuum & Semi-Conductor Technology • Applied Heat • Medical Devices and Bio-engineering • Electrical & Magnetic Properties of Materials • Mathematics • Final Year Research Project.

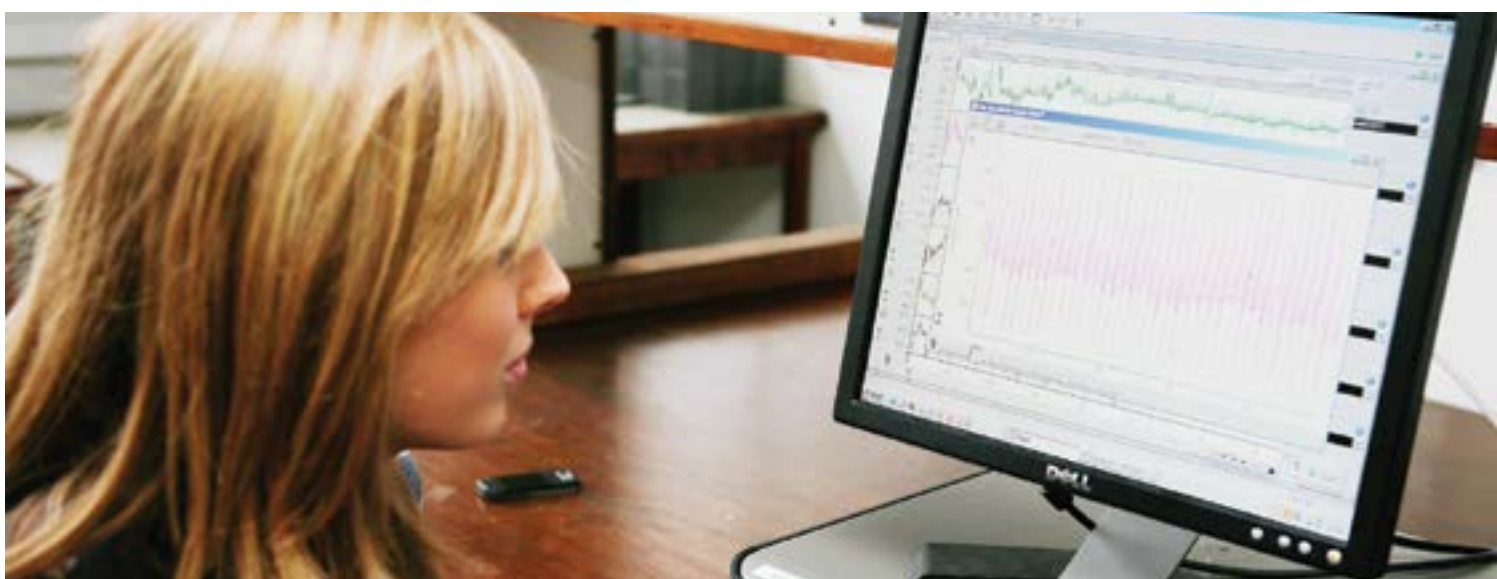
## What are my... Career Opportunities?

Graduates of this programme will have experience and skill in handling instrumentation and in the analysis, interpretation, presentation and critical evaluation of data. These skills along with an up-to-date knowledge of their field makes them highly suited for careers in industry and technology, especially in industries relating to renewable energy and sustainability, as technicians or as research assistants.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates who achieve appropriate grades are eligible to apply for entry to Year 3 of the Level 8 Honours Degree programme DT222 Physics Technology.



## You might also be INTERESTED IN:

- ♦ Physics Technology - DT222 **Pg 234**
- ♦ Physics with Energy & Environment - DT221 **Pg 236**
- ♦ Physics with Medical Physics & Bioengineering - DT235 **Pg 238**
- ♦ Science (General Entry) - DT212 **Pg 254**
- ♦ Science (General Entry) - DT201 **Pg 242**

# CEIMIC MHÍOCHINEACH & NA HEOLAÍOCHTAÍ CÓGAISÍOCHTA MEDICINAL CHEMISTRY & PHARMACEUTICAL SCIENCES

BSc Leibhéal 7 / Level 7

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
5		04/H7*	06/H7	* Or Applied Maths

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Medicinal Chemistry & Pharmaceutical Sciences?

This programme is designed to educate and train students to become Scientific Analysts for employment in the medicinal products and pharmaceutical sector as well as related chemical industries. A solid foundation in the chemical sciences is provided together with a 'hands-on' approach to laboratory work. Access to well-equipped laboratories supports the development of a high standard of practical laboratory skills. Specialised and industrially relevant modules in medicinal chemistry, pharmaceutical processes and / or the regulatory environment of the pharmachem sector are delivered at all stages. The programme is designed for the student to experience the skills and competencies required of a Chemical Analyst at all stages.

### Learning Outcomes:

## What will I Study?

On completion of this programme, the student will:

- Have a sound knowledge of the fundamental science underpinning the course
- Have the ability to define a scientific problem, to design and implement an appropriate experimental investigation and effectively communicate the outcome
- Have the specialised skills required to handle a broad range of techniques and instrumentation relevant to the pharmachem industry
- Demonstrate the capacity to analyse, interpret, critically evaluate and present data
- Gain experience in a team approach to problem solving and be capable of managing small groups to achieve an outcome
- Acquire the necessary computer skills to meet modern laboratory requirements
- Have an appreciation and awareness of the principles and practice of laboratory and industrial safety

## What our students say!

- I completed my Level 7 in 2008 and continued into the honours degree programme DT299 Chemical Sciences and graduated in 2009. I was exposed to a wide range of subjects & experiences which allowed me to choose my career effectively. Some of the opportunities I was given in my degree included visiting pharmaceutical companies & going on Erasmus to complete my final year thesis. I then decided to enter into a master's program in Pharmaceutical Quality Assurance and Biotechnology DT233 and completed this in 2013. Due to the small size of the classes the Lecturers knew the students personally & were always available to provide additional help if necessary. I am currently working as a Regulatory Specialist for a contract Clinical Trial Research Organisation. I would highly recommend DIT and the courses I have completed as they open up a wide range of career opportunities
- As a recent graduate of DT299 having progressed from DT261 (Level 7), I have gained a thirst for chemistry and in particular how it relates to the pharmaceutical sector, from drug design to the understanding of how the drugs work in the body. The course has truly been an invaluable experience for me. The hands on approach in each of these courses, both involving extensive laboratory sessions, was a highlight for me and provided me with essential skills for working in industry including problem solving and teamwork. I graduated from DT299 in May 2013 and DT261 the previous year and I am now working in a professional lab as an analyst in a large pharmaceutical company

## Further Information

[www.dit.ie/chemistry](http://www.dit.ie/chemistry)

School of Chemical & Pharmaceutical Sciences



01 402 4682 (John Colleran)



[john.colleran@dit.ie](mailto:john.colleran@dit.ie)



## Module Listing

### Year One

Chemistry • Biology • Physics • Maths • Information Technology • Professional Development • Introduction to Medicinal Chemistry • Elective in either Biology or Physics

### Year Two

Physical, Inorganic, Organic and Analytical Chemistry • Spectroscopy • Chemical and Pharmaceutical Processes • Environmental, Pharmaceutical and Medicinal Chemistry • Pharmaceutical and Workplace Regulations • Mathematics and IT • Group Project

### Year Three

Specialized Modules in Medicinal Chemistry, Pharmaceutical & Chemical Processes • Pharmaceutical Analysis • Pharmaceutical Regulations • Quality Assurance and Validation • Environmental Chemistry • Surface & Polymer Chemistry

Each student undertakes an individual research project which is largely laboratory based.

In each year of the programme the overall assessment has a large component of continual assessment based on the development of technical and practical skills. Continuously assessed modules appear at all stages of the programme.

## What are my... Career Opportunities?

Graduates of this programme are qualified to avail of opportunities in the Pharmaceutical Industry, Chemical Industry, Computer Industry, State Laboratories, Environmental Testing Laboratories, Food and Beverage Industry as well as Hospital Laboratories and Universities.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates of this course who achieve the appropriate grades are eligible to apply for entry to the final year of the Honours Degree programmes in Chemical Sciences with Medicinal Chemistry (DT299) and in Forensic and Environmental Chemistry (DT203).



## You might also be INTERESTED IN:

- ♦ Chemical Sciences with Medicinal Chemistry - DT299 **Pg 202**
- ♦ Forensic & Environmental Chemistry - DT203 **Pg 218**

# DÁILIÚCHÁN OFTALMACH OPHTHALMIC DISPENSING

BSc Leibhéal 7 / Level 7

All students will be vetted by An Garda Síochána.

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
5		*03/H7	05/H7	At least 04/H7 in one of; Physics, Chemistry, Physics & Chemistry, Biology, Agricultural Science, Home Economics, Applied Mathematics or Engineering. * Or Applied Maths

## What is... Ophthalmic Dispensing?

Dispensing Opticians are eyecare professionals who are trained to interpret prescriptions issued by optometrists or ophthalmologists and to dispense spectacles and other optical aids. They advise patients on the most appropriate spectacle frames, lenses or other optical aids based on their individual needs taking into account the prescription, occupation and lifestyle of the patient. They are trained to take the measurements required for the fitting of such optical appliances. Dispensing Opticians also check spectacles and other appliances to ensure they match the patient's specification and meet the required standards. They advise patients on how to get the best from their eyewear and play an important role in aftercare and the maintenance of such appliances.

Dispensing opticians play a vital role in providing the best low vision aid for partially sighted patients and the best fitting frame and lens design for children. They are also trained to advise on sports and protective eyewear. Subsequent to further qualification they may fit contact lenses. Dispensing opticians are often involved in optical practice management.

A career as a dispensing optician is extremely rewarding. It offers great variety and will deliver a high degree of job satisfaction to those attracted to a career in a healthcare setting, who have an interest in maths and science, relish problem solving and enjoy interacting with the general public.

The profession of ophthalmic dispensing is regulated in Ireland under CORU (the Health and Social Care Professional's Council). Further information is available at [www.dit.ie/optometry/ophthalmicdispensing/](http://www.dit.ie/optometry/ophthalmicdispensing/)

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available. Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## Learning Outcomes:

## What will I Study?

This programme is 3 years in duration. The first two years of the programme are delivered in the laboratories and lecture theatres on campus. The third year of the programme is a structured work placement. The first year focuses on the relevant science maths and introduction to optical dispensing necessary for your training. The second year's practical and theoretical work is more tailored towards the specific skills and knowledge required of a Dispensing Optician. You will learn about spectacles lens and frame, design and manufacture. You will also learn how to take frame and facial measurements, how to interpret prescriptions and carry out a detailed task analysis to ensure patients receive the most appropriate optical aid. Students are also introduced to the fundamentals of optical practice management. Your work placement in year three allows you to learn how to apply your knowledge and skills in a practice setting.

## Important Information

Students will be required to undergo Garda Vetting. Students must complete the required documentation, including a full list of all previous addresses, in order for clearance checks to be made. Currently Irish addresses are vetted by the Garda Vetting Bureau at no cost to the student.

## Further Information

[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Physics and Clinical & Optometric Sciences

01 402 4942 (Patricia Mordaunt)  
01 402 2872 (Claire Mc Donnell)

patricia.mordaunt@dit.ie  
claire.e.mcdonnell@dit.ie

## Module Listing

### Year One

Geometrical Optics • Physical Optics • Quantitative Methods in Dispensing • Visual Science • Cell Biology • The Human Body & Disease • Ophthalmic Optics & Dispensing • Physics for Health Science • Mathematics Mathematics for Optical Professions • Anatomy & Physiology of the Eye

### Year Two

Vision Science • Professional Development • Optical Dispensing • Case Analysis & Preparation for Placement • Contact Lens Practice & Anterior Eye Disorders • Occupational Vision • Introductory Vision Rehabilitation • Optical Practice Management • Physiology of Vision • Intercultural Health Communication for Eye Care Professionals & and Professional Studies

### Year Three

Optical Dispensing Case Studies • Ophthalmic Dispensing Practice Placement

## What our Students say!

- "Because the class is small you make friends very quickly, but you still have the benefits of a large class too because we spend so much time with the optometry students. Right from the start we are learning and practicing skills that are directly applicable to the job of dispensing and even getting a weekend or summer job is fairly easy because there is such a shortage of dispensing opticians out there. The course wasn't my first choice but I'm so glad that I ended up on it."

## What are my... Career Opportunities?

This is a new and unique programme in Ireland but there are currently almost 200 dispensing opticians working in Ireland who have gained their qualifications abroad. Dispensing opticians are in high demand so job prospects are excellent. Most dispensing opticians work in private practice, often in a management capacity. However there are a diverse range of employment opportunities. Dispensing opticians often set up their own practices or enter joint ventures with large multiples. At present in Ireland dispensing opticians are also employed with spectacle lens manufacturers, frame manufacturers, glazing houses, hospital eye departments, practice management software providers and as college lecturers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Dispensing Opticians can gain additional qualification by means of further study in the UK. Subsequent to further qualification they may fit contact lenses. Further study is also available in the areas of low vision management, workshop practice, lens design and geometric optics. Most of this further study can be undertaken via distance learning while working in practice. As mentioned above this course is new to DIT and it was set up to fill a gap in the Irish education system and because there is a shortage of dispensing opticians. The profession of ophthalmic dispensing is growing and developing and with that will come further opportunities for advanced qualification.

**OPEN 2017**  
**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## You might also be INTERESTED IN:

- ♦ Optometry - DT224 Pg 230

# EOLAÍOCHT (IONTRÁIL GHINEARÁLTA)

## SCIENCE (GENERAL ENTRY)

BSc Leibhéal 7 / Level 7

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in		Other Requirements
Subjects	Honours	Maths	English or Irish	
5		04/H7*	06/H7	* Or Applied Maths

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is...Science?

The main aim of this programme is to produce graduates with the necessary skills for employment as technicians/technologists or scientific personnel in the fields of Biosciences, Chemistry and Physics.

### Learning Outcomes:

## What will I Study?

Students will be able to select from a range of specialised modules which will be delivered in the second semester of year one including; Medicinal Chemistry, Astronomy/Environmental and Energy Physics and Human Biology and Disease. Entry to this course affords the opportunity to experience the three main scientific subjects prior to committing to a specific course. After successful completion of the first year students will select and transfer to the second year of one of the following courses and will complete their studies as registered students of this course: BSc Biosciences (DT259) BSc Industrial and Environmental Physics (DT260), BSc Medicinal Chemistry and Pharmaceutical Science (DT261).



## Further Information

see below

### School of Physics

01 402 4953 (Dr. John Doran)  
[john.doran@dit.ie](mailto:john.doran@dit.ie)  
[www.dit.ie/physics](http://www.dit.ie/physics)

### School of Biological Sciences

01 402 4562/4925 (School Office)  
[biolsciences@dit.ie](mailto:biolsciences@dit.ie)  
[www.dit.ie/biologicalsciences](http://www.dit.ie/biologicalsciences)

### School of Chemical & Pharmaceutical Sciences

01 402 4779 (Professor John Cassidy)  
[john.cassidy@dit.ie](mailto:john.cassidy@dit.ie)  
[www.dit.ie/chemistry](http://www.dit.ie/chemistry)



COURSE CODE:

**DT212**

COURSE LENGTH:

**1 YEAR**

APPROX:

**40 PLACES**

LOCATION:

**KEVIN ST**

POINTS 2017

**381**

## Module Listing

### Year One

The course is offered on a modular basis. Six common core modules in Biology, Chemistry, Physics, Mathematics, Professional Skills and Information Technology provide students with a sound foundation in science. Students are required to take an additional three modules commencing in semester two. Selection of these modules depends on the preferred choice of course that a student will select following successful completion of the Year one examinations.

### Year Two & Year Three

Each student will transfer into the second year of one of the following three courses upon successful completion of the Year one examination: BSc Biosciences (DT259), BSc Industrial and Environmental Physics (DT260), BSc Medicinal Chemistry and Pharmaceutical Science (DT261).

## What are my... Career Opportunities?

Please see course entries for: DT259, DT260 & DT261

## What other options do I have after completion?

Bachelor of Science (Biosciences) OR Bachelor of Science (Industrial and Environmental Physics) OR Bachelor of Science (Medicinal Chemistry and Pharmaceutical Sciences).



## You might also be INTERESTED IN:

- ♦ Science (General Entry) - DT201 **Pg 242**
- ♦ Industrial & Environmental Physics - DT260 **Pg 248**
- ♦ Medicinal Chemistry & Pharmaceutical Science - DT261 **Pg250**
- ♦ Biosciences - DT259 **Pg 246**

# EOLAÍOCHT AN BHIA & BAINISTÍOCHT FOOD SCIENCE & MANAGEMENT

Ardteatas Leibhéal 6 / Higher Certificate Level 6

## LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English or Irish
5		06/H7	06/H7

## Other Requirements

At least 06/H7 in one of:  
Physics, Chemistry, Physics and  
Chemistry, Biology, Agricultural  
Science or Home Economics.

## QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Food Science & Management?

This two year full-time programme provides students with scientific and technical understanding of food science and associated technologies as well as the business skills required to respond to the current needs of the food industry.

### Learning Outcomes:

## What will I Study?

In food science, the biological, physical and engineering sciences are applied to study the nature of foods, the causes of deterioration, the principles of food processing, and the improvement required to meet consumers demand. This programme provides education and training in the practical and theoretical aspects of food science in addition to the basic sciences such as biology, chemistry, microbiology and maths. In addition to its scientific content, this programme also offers education in the fundamentals of business and management which are essential to bring food products to the marketplace.

The programme features a major practical project in the second year, in which students work together in teams to apply their learned scientific and business management knowledge in the development of food products. These projects often develop innovative products targeting specific nutritional needs of consumers or emerging market trends.



## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

School of Food Science & Environmental Health



01 402 7550 (Dr. David O'Connor)



[david.i.oconnor@dit.ie](mailto:david.i.oconnor@dit.ie)

## Module Listing

### Year One

Biology • Foundation Chemistry • Foundation Organic Chemistry • Applied Food Industry Communications • Laboratory Techniques & Computer Applications • Introduction to Occupational Health & Safety Management • Introductory Microbiology • Mathematics for Scientists • Introduction to Food Science & Analysis • Principles of Food Processing & Preservation • Business Management & Marketing

### Year Two

Animal Products Technology • Horticultural Product Technology • Quality & Hygiene Systems • Basic Sensory Evaluation • Food Ingredients & Consumer Foods • Introductory Nutrition • Food Product Regulatory Affairs • Basic Food Microbiology • Financial Management • Final Year Project

## What are my... Career Opportunities?

With the Irish food industry currently experiencing significant growth and placed to be a major contributor to the economic recovery in Ireland, this course provides rewarding job opportunities for those wishing to be part of this vital sector including junior management jobs, food product development, market research and quality control.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Graduates may progress to higher level programmes, up to BSc honours degree level within DIT or elsewhere, provided they meet the specific requirements of the chosen programme.



## You might also be INTERESTED IN:

- ♦ Food Innovation - DT421 **Pg 216**
- ♦ Nutraceuticals in Health & Nutrition - DT420 **Pg 228**
- ♦ Pharmaceutical Healthcare - DT422 **Pg 232**

# STAIÉAR TEICNEORA CÓGASLAINNE

## PHARMACY TECHNICIAN STUDIES

Ardteatas Leibhéal 6 / Higher Certificate Level 6

### LEAVING CERT ENTRY REQUIREMENTS:

Minimum N° of		Minimum Grade in	
Subjects	Honours	Maths	English
5		06/H7	06/H7

### Other Requirements

At least 06/H7 in one of:  
Biology, Chemistry or Physics  
and Chemistry.

### QQI LEVEL 5 ENTRY REQUIREMENTS:

A QQI Level 5 entry route to this programme is available.  
Please visit [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

## What is... Pharmacy Technician Studies?

This programme prepares students for a profession as a Pharmacy Technician in either a hospital or community pharmacy. It develops practical, professional and academic skills required to assist in the various activities of the pharmacy, not requiring the professional judgement of the pharmacist.

## What our students say!

- The Pharmacy Technician Studies course has been a remarkable grounding in the sciences and labs and has provided me with a diverse amount of knowledge in the area of Pharmacy and Pharmacy related subjects. The teaching has been impeccable and the intimate feel of the college is what makes studying at DIT truly unique. Lectures didn't feel like huge halls, but more like intimate classrooms, where it was perfectly acceptable and encouraged to stop lecturers mid sentence and ask questions when required. In addition to this, lecturers would sacrifice their time to students even after class to help with queries. Hence, the learning environment was very much supported. From day one of induction, I remember how we were all advised to be there for one another throughout our time in DIT as after all, our chosen profession is a caring one. The camaraderie within the class was wonderful and the structure of the course, with its large emphasis on labs, ensures team work which helps forge great relationships. My interest in the area of Pharmacy began after having worked in a Community Pharmacy for close to a year. I used the Technician Studies course as a gauge to determine would I be left with a sense of wanting to delve deeper into the subject afterwards. The academic experience has exceeded my expectations and has led me to apply for a Pharmacy Degree and I thank the Pharmacy Technician Studies course for paving the way for my passion in the area.

### Learning Outcomes:

## What will I Study?

The skills learned on this programme include knowledge of prescription and non-prescription medicines, and how they are formulated and used to treat illnesses. Students will develop medical knowledge to recognise common illnesses and communication skills to liaise with pharmacists and counsel patients on healthcare issues, including the various healthcare schemes available in Ireland.

Students will gain experience in dispensing procedures and practices and be able to interpret prescriptions and prepare medicines for dispensing. They will be able to maintain patient records and operate pharmacy computer systems. They will also be able to supply non-prescription medicines in accordance with legislation and guidelines.

Students will have a detailed course in Health and Safety to ensure they will carry out their duties in a safe manner.

Furthermore, central to the philosophy of the course is that graduates will have a theoretical and practical training in basic sciences, including biology, chemistry, microbiology, maths, and pharmacology. These subjects support the pharmacy technician profession, and also provide a pathway to higher qualifications, including BSc Pharmacy.

**Work Placement:** The programme includes a Pharmacy placement, which can be carried out either in a hospital or community pharmacy. This allows the opportunity to apply theoretical knowledge and skills. This work placement is flexible and time allowances can be accumulated working in a Pharmacy throughout the duration of the programme. Prior experience in a pharmacy can be considered as part of the placement. Please note, while encouraged, payment for this placement is not guaranteed, and is subject to arrangement between student and placement pharmacy.

## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

### School of Food Science & Environmental Health



01 402 4400 (Dr. Julie Dunne- course co-ordinator)



[julie.dunne@dit.ie](mailto:julie.dunne@dit.ie)



01 402 4355 School Administrator



COURSE CODE:

**DT425**

COURSE LENGTH:

**2 YEARS**

APPROX:

**32 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**357**

## Module Listing

### Year One

Biology • Chemistry • Introduction to Business with IT skills  
• Microbiology • Pharmacy Practice • Mathematics for  
Scientists • Pharmacology & Toxicology • Introduction to  
Occupational Safety & Health Management • Professional  
Development ePortfolio

### Year Two

Nutrition & Health Studies • Basic Pharmaceutical  
Microbiology • Pharmacology & Therapeutics •  
Pharmaceutical Formulations • Pharmacy Practice •  
Pharmacy Work Placement

## What are my... Career Opportunities?

A rewarding career as a Pharmacy Technician, with many employment opportunities in community and hospital pharmacy awaits graduates of this programme. Other employment opportunities include medical sales for pharmaceutical suppliers.

*\*For more career development options please see inside front cover*

## What other options do I have after completion?

Progression opportunities for further study also exist, including Pharmacy Degrees and Pharmaceutical and Scientific Qualifications in Ireland and elsewhere. Opportunities exist within the school to transfer to an honours degree in Pharmaceutical Healthcare. Recent evidence suggests that in addition to offers of pharmacy study in the UK, graduates are also being interviewed to study BSc Pharmacy in Ireland.



## You might also be INTERESTED IN:

- ♦ Pharmaceutical Healthcare - DT422 Pg 232

# STAIDÉAR TEICNEORA CÓGASLAINNE

## PHARMACY TECHNICIAN STUDIES

Ardteatas Leibhéal 6 / Higher Certificate Level 6

### ENTRY REQUIREMENTS:

Students must demonstrate considerable prior knowledge in Science. They will be evaluated on a case by case basis.

## What is... Pharmacy Technician Studies?

This programme prepares students for a profession as a Pharmacy Technician, and is completed in one year. It is a shortened version of the two year DT425 programme, and has been designed for students with significant prior learning in Science. It develops practical, professional and academic skills required to assist in the various activities of the pharmacy, not requiring the professional judgement of the pharmacist. These skills include knowledge of prescription and non-prescription medicines, and how they are formulated and used to treat illnesses.

### Learning Outcomes:

## What will I Study?

Students will develop medical knowledge to recognise common illnesses and communication skills to liaise with pharmacists and counsel patients on healthcare issues, including the various healthcare schemes available in Ireland. Students will gain experience in dispensing procedures and practices and be able to interpret prescriptions and prepare medicines for dispensing. They will be able to maintain patient records and operate pharmacy computer systems. They will also be able to supply non-prescription medicines in accordance with legislation and guidelines.



## Further Information

[www.dit.ie/fseh](http://www.dit.ie/fseh)

### School of Food Science & Environmental Health



01 402 4400 (Dr. Julie Dunne- course co-ordinator)



[julie.dunne@dit.ie](mailto:julie.dunne@dit.ie)



01 402 4355 School Administrator

COURSE CODE:

**DT6425**

COURSE LENGTH:

**1 YEAR**

APPROX:

**10 PLACES**

LOCATION:

**CATHAL BRUGHA ST**

POINTS 2017

**ADVANCED ENTRY**

## Module Listing

### Year One

Pharmacy Practice • Pharmacology & Therapeutics  
• Pharmaceutical Formulation • Pharmaceutical Microbiology  
• Nutrition & Physiology • Pharmacy Placement •  
Professional Development ePortfolio

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

## What are my... Career Opportunities?

A rewarding career as a Pharmacy Technician, with many employment opportunities in community and hospital pharmacy awaits graduates of this programme. Other employment opportunities include medical sales for pharmaceutical suppliers.

\*For more career development options please see inside front cover

## What other options do I have after completion?

Progression opportunities for further study exist, including Pharmacy Degrees in the UK and Ireland, and pharmaceutical and scientific qualifications in Ireland and elsewhere. Students who attain an Upper Merit are eligible to transfer to DT422 BSc Pharmaceutical Healthcare.

## Are there study abroad options?

Students can avail of up to two months' work placement in a pharmacy abroad.



## You might also be INTERESTED IN:

- ♦ Pharmaceutical Healthcare - DT422 Pg 232

# INFORMATION SECTIONS

**“DUBLIN’S CITY CENTRE IS  
OUR CAMPUS”**





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# Awards

The Dublin Institute of Technology is a publicly-funded, autonomous Higher Education Institution and is a member of the European University Association. DIT was granted degree awarding powers in 1998 and makes awards at Higher Certificate, Ordinary Degree, Honours Degree, Masters and PhD levels.

Honours Degrees are awarded with grades of Pass, Lower Second Class Honours, Upper Second Class Honours or First Class Honours.

Ordinary Degrees are awarded with grades of Pass, Merit Lower Division, Merit Upper Division or Distinction.

Higher Certificates are awarded with grades of Pass, Merit Lower Division, Merit Upper Division or Distinction.

Within the structure of the new National Framework of Qualifications each award now has a specific level as follows:

Honours Degrees	Level 8
Ordinary Degrees	Level 7
Higher Certificates	Level 6

The level of DIT programmes is shown at the beginning of each entry in this prospectus. These levels are now used on the CAO application form and web-site.

# Cáiliúcháin

Tá Institiúid Teicneolaíochta Bhaile Átha Cliath mar Institiúid Ardoideachais uathrialaitheach atá maoinithe go poiblí agus atá mar bhall de Chomhlachas Ollscoileanna na hEorpa. Tugadh cead don Institiúid i 1998 céimeanna a bhronnadh agus bronnar cáiliúcháin ag leibhéil: Ardteastas, Gnáthchéim, Céim Onóracha, Máistreacht agus PhD.

Céimeanna Onóracha: Bronntar Céimeanna Onóracha ag gráid Pas, Onóracha Dara Grád Íseal, Onóracha Dara Grád Ard nó Onóracha den Chéad Ghrád.

Gnáthchéimeanna: Bronntar Gnáthchéimeanna ag gráid Pas, ag Gráid Tuillteanais Rannán Íseal, ag Gráid Tuillteanais Ard-rannán nó Pas le Gradam.

Ardteastas: Bronntar Ardteastas ag gráid Pas, ag Gráid Tuillteanais Rannán Íseal, ag Gráid Tuillteanais Ard-rannán nó Pas le Gradam.

Laistigh de struchtúr nua Creatoibre Náisiúnta na gCáilíochtaí, tá leibhéal áirithe ag gach cáiliúchán mar a leanas:

Céimeanna Onóracha	Leibhéal 8
Gnáthchéimeanna	Leibhéal 7
Ardteastais	Leibhéal 6

Tá leibhéal chlár ITBÁC léirithe ag tús gach iontráil sa réamheolaire seo. Tá na leibhéil seo á n-úsáid anois ar fhoirm iarratais agus suíomh gréasáin an LárOifig Iontrála.



# Irish Language Office

Oifig na Gaeilge, DIT's Irish Language Office, is working to promote the Irish language in every way possible in DIT and especially in student life in the Institute.

Here are some of Oifig na Gaeilge's main activities:

- ♦ **BÚA Scholarship - 'Bain Úsáid Aisti'** - Use Irish in DIT is a new scholarship organised by Oifig na Gaeilge for DIT students to encourage, inspire, promote and develop the use of the language across the Institute. [Scholarships to the value of €500](#) will be offered to students to promote Irish across DIT's main campuses by organising exciting opportunities to speak and to engage with the language! If you have Irish and are enthusiastic and energised in promoting and developing Irish in DIT, we want to hear from you!
- ♦ **Free Irish Language Classes** run during the academic year and **Gaeltacht Scholarships** to attend Irish courses in the Gaeltacht during the summer for all DIT students are provided by Oifig na Gaeilge.
- ♦ **Irish language Social and Cultural Events** take place regularly in conjunction with an Cumann Gaelach –DIT's Irish Language Student Society. [www.facebook.com/cumanngaelach.dit](http://www.facebook.com/cumanngaelach.dit). Trips to the annual Irish language festival - Oireachtas na Samhna and to the Gaeltacht take place during the year; a week long festival of events takes place across the Institute during Seachtain na Gaeilge in March as well as regular social events including music nights, concerts, céilís, workshops and much more besides during the year!

We need your help to organise these events and we would love to hear from you if you speak Irish, if you have an interest in the language and the work of Oifig na Gaeilge or if you have any ideas on promoting the Irish language on campus. Drop into Oifig na Gaeilge in Áras Ráth an Dúin, Grangegorman or send an e-mail (in Irish or English!) to [gaeilge@dit.ie](mailto:gaeilge@dit.ie).

We look forward to meeting you soon in DIT!

## Further Information:

Oifig na Gaeilge,  
Dublin Institute of Technology  
Grangegorman  
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# Oifig na Gaeilge

Tá Oifig na Gaeilge ag obair chun an Ghaeilge a chur chun cinn i ngach slí ar fud Institiúid Teicneolaíochta Bhaile Átha Cliath (ITBÁC), ach go háirithe i saol mhic léinn na hInstitiúide.

Seo thíos cuid de na himeachtaí a bhíonn ar siúl ag Oifig na Gaeilge:

- ♦ **Scoláireacht BÚA - 'Bain Úsáid Aisti'** in ITBÁC! Seo Scoláireacht nua atá á heagrú ag Oifig na Gaeilge do mhic léinn ITBÁC le Gaeilge chun an Ghaeilge a spreagadh, a chur chun cinn agus a fhorbairt trasna na hInstitiúide. [Cuirfear scoláireachtaí ar luach €500 ar fáil](#) do mhic léinn ceannródaithe chun an teanga a úsáid agus a chur chun cinn i bpríomhchampaís na hInstitiúide tré dheiseanna spreagúla agus bríomhara a fhorbairt d'úsáid na Gaeilge. Má tá Gaeilge agat, spéis agus fuinneamh agat an teanga a spreagadh agus a fhorbairt in ITBÁC, bí i dteagmháil linn!
- ♦ **Bíonn Ranganna Gaeilge saor in aisce** ar siúl i rith na bliana acadúla agus bíonn **Scoláireachtaí Gaeltachta** chun freastal ar chúrsaí sa Ghaeltacht i rith an tsamhraidh ar fáil do mhic léinn uile ITBÁC ó Oifig na Gaeilge.
- ♦ **Bíonn Imeachtaí Sóisialta agus Cultúrtha Gaeilge** ar siúl go rialta i gcomhar leis an gCumann Gaelach – an grúpa mac léinn le Gaeilge sa choláiste [www.facebook.com/cumanngaelach.dit](http://www.facebook.com/cumanngaelach.dit). Bíonn turais go féile Oireachtas na Samhna agus chun na Gaeltachta; bíonn Seachtain na Gaeilge bhríomhar ar siúl san Institiúid i mí an Mhárta chomh maith le hócáidí rialta spráíúla - oícheanta ceoil, céilithe, ceolchoirmeacha, ceardlanna agus go leor eile i rith na bliana!

Bíonn cabhair ag teastáil uainn i gcónaí chun na himeachtaí seo a chur ar siúl agus ba bhreá linn cloisteáil uait má tá Gaeilge agat, má tá spéis agat sa teanga agus san obair atá ar bun againn ná má tá aon tuairimí agat maidir le cur chun cinn na Gaeilge san Institiúid. Is féidir bualadh isteach chuig Oifig na Gaeilge in Áras Ráth an Dúin, Gráinseach Ghormáin nó seol ríomhphost chuig [gaeilge@dit.ie](mailto:gaeilge@dit.ie).

Táimid ag súil le buaileadh leat go luath san Institiúid!

## Tuilleadh Eolais:

Oifig na Gaeilge,  
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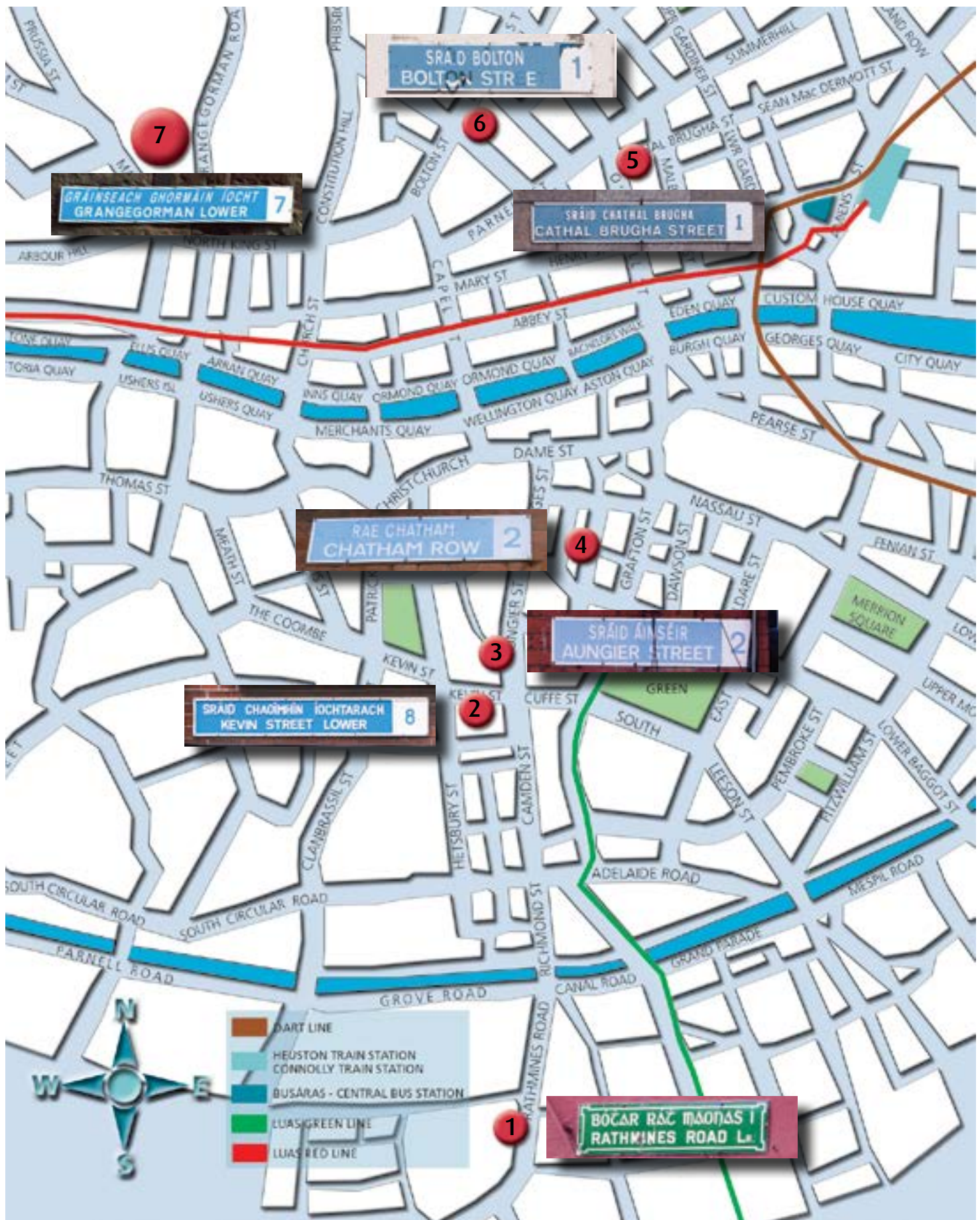
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# DIT Campus Map





# City Campus Locations

- 1 DIT Rathmines**  
Arts & Tourism
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Sciences & Health  
Engineering & Built Environment  
Arts & Tourism
- 3 DIT Aungier Street**  
Business  
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Arts & Tourism

# Suíomhanna Campais na Cathrach

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Gnó  
Ealaíon & Turasóireacht
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Innealtóireacht & an  
Timpeallacht Tógtha  
Ealaíon & Turasóireacht
- 7 ITBÁC, Gráinseach Ghormáin**  
Ealaíon & Turasóireacht

# City Campus Locations

DIT campus locations are situated in the centre of Dublin city, making them very accessible by bus, train or luas, no matter where you live in Dublin. Most of your lectures will take place in one location, but as a student of DIT you are welcome to use any of the Institute's facilities on all sites. The main locations are as follows:

## DIT Kevin Street

A few minutes walk from Stephen's Green, DIT Kevin Street is built on the site of the original technical school established in 1887 which is part of DIT's proud history. A number of areas of study for which DIT is quite famous are based here. They include the College of Science and Health; the School of Electrical Engineering Systems; the School of Electronic and Communications Engineering and the School of Languages.

The campus also houses some of DIT's recreational facilities, including the swimming pool which is available to all DIT students. The pool is used by the sub-aqua club and the canoe club, among others and is open from 8am in term time. There is also a sports hall where basketball and badminton are played and which contains a climbing wall.

## DIT Aungier Street

Also a few minutes walk from Stephen's Green and close to Kevin Street, the Aungier Street campus is one of the largest in DIT and is built on the historically important site of the old Jacobs Biscuit factory.

The College of Business, which is also the largest business school in Ireland and the School of Media are based in Aungier Street. Student facilities include the excellent library; Students' Union area; computer rooms and cafeteria. Many conferences and lecture series also take place in this location during the academic year.

# Suíomhanna Campais na Cathrach

Tá suíomhanna campais ITBÁC lonnaithe i lár chathair Bhaile Átha Cliath agus tá teacht orthú go héasca ar an mbus, ar thraein nó ar an luas, cuma cén áit a bhfuil cónaí ort i mBaile Átha Cliath. Beidh an chuid is mó de na léachtaí a bheas agat ar siúl in aon suíomh amháin ach mar mhac léinn de chuid na hInstitiúide, tá fáilte romhat úsáid a bhaint as áiseanna ITBÁC ar na suíomhanna go léir. Is iad seo a leanas na príomh shuíomhanna:

## ITBÁC, Sráid Chaoimhín

Tá ITBÁC, Sráid Chaoimhín lonnaithe laistigh de chúpla nóiméad siúil ó Fhaiche Stiabhna agus tá an foirgneamh tógtha ar bhunsuíomh na ceardscoile a bunaíodh in 1887, atá mar chuid de stair bhródúil na hInstitiúide. Tá cáil ar ITBÁC as roinnt mhaith de na hábhair stáidéir atá lonnaithe i Sráid Chaoimhín. Ina measc, tá Coláiste na nEolaíochtaí agus na Sláinte; Scoil na gCóras Innealtóireachta Leictreice; Scoil Innealtóireachta Leictreonaí agus Cumarsáide agus Scoil na dTeangacha.

Tá roinnt d'áiseanna áineas na hInstitiúide lonnaithe anseo chomh maith, ina measc an linn snámha atá ar fáil do mhic léinn na hInstitiúide go léir. Úsáideann club fo-uisce agus club curachóireachta na hInstitiúide an linn snámha i measc clubanna eile agus tá sé ar oscailt gach maidin óna 8r.n i rith am téarma. Tá halla spóirt sa champas chomh maith le balla dreapadóireachta agus imrítear cispheil agus badmantan ann.

## ITBÁC, Sráid Aungier

Laistigh de chúpla nóiméad siúil ó Fhaiche Stiabhna chomh maith agus i ngar do Shráid Chaoimhín, tá campas Shráid Aungier. Tá an campas ar cheann de na campais is mó atá ag an Institiúid agus tá sé tógtha ar shuíomh tábhachtach stairiúil sean mhonarcha briosa Jacobs.

Tá Coláiste an Ghnó, an scoil gnó is mó sa tír lonnaithe i Sráid Aungier chomh maith le Scoil na Meán. I measc áiseanna na mac léinn, tá leabharlann den chéad scoth; spás Aontas na Mac Léinn; ríomhlanna agus bialann. Is iomaí comhdháil agus sraith léachtaí a bhíonn ar siúl sa champas seo i rith na bliana.



### DIT Rathmines Road Lower and Chatham Row

Students in the Conservatory of Music and Drama will attend classes in Chatham Row, which is close to Grafton Street and Stephen's Green, or in DIT Rathmines Road Lower, a landmark building next to the Rathmines Public Library. Facilities in both buildings are geared to music and drama rehearsal and performance for students from junior level up to postgraduate.

The theatre in Rathmines Road Lower is used throughout the year for public recitals and other performances. The music library is also based in Rathmines Road Lower. The offices of the President of DIT Students' Union and the manager of the Union are also located here.

### DIT Cathal Brugha Street

Situated at the top of O'Connell Street, Dublin's newly-refurbished main street, DIT Cathal Brugha Street has been synonymous with the hospitality and catering industry in Ireland since 1941. Part of the College of Arts and Tourism is based here, although certain lectures may take place in some other locations close-by. A number of the programmes offered by the College here are unique in Ireland and the facilities include specialised laboratories, kitchens and restaurants.

### DIT Bolton Street and Linenhall

One of DIT's most historic buildings, Bolton Street was specifically designed and built for technical and technological education in 1911, on the site of what was once the European Hotel. Since then and up to the present day, it has been a centre of leading edge technological education in the College of Engineering and Built Environment. Located in Dublin's north inner-city, Bolton Street is within minutes of shopping areas in Henry Street and Parnell Street, as well as the old city markets and the newly-refurbished Smithfield. Bolton Street and Linenhall, its sister building across the road, are home to students of architecture, mechanical and civil engineering, environmental planning and construction, from apprentice to postgraduate levels. Among the recreational facilities provided on campus is the gymnasium in Linenhall, which is equipped with resistance and cardio-vascular training equipment.

Details on campus sites and how to get there are available on [www.dit.ie](http://www.dit.ie)

### ITBÁC, Bóthar Ráth Maonais Íochtarach agus Rae Chatham

Déanann mic léinn in Ardscoil an Cheoil agus na Drámaíochta freastal ar ranganna i Rae Chatham, atá i ngar do Shráid Grafton agus Faiche Stiabhna nó in ITBÁC, Bóthar Ráth Maonais, foirgneamh críochchomhartha atá suite béal dorais le leabharlann Ráth Maonais. Tá na háiseanna i Rae Chatham agus Ráth Maonais socraithe i gcóir cleachtadh agus léiriú ceoil agus drámaíochta do mhic léinn ón leibhéal sóisearach go dtí leibhéal iarchéime.

Úsáidtear an amharclann i mBóthar Ráth Maonais i rith na bliana do cheadail phoiblí agus do léirithe eile. Tá an leabharlann cheoil suite i mBóthar Ráth Maonais, chomh maith le hoifigí Uachtarán Aontas na Mac Léinn agus bainisteoir an Aontais.

### ITBÁC, Sráid Chathail Brugha

Tá ITBÁC, Sráid Chathail Brugha suite ar bharr Shráid Uí Chonaill, príomhshráid nuachóirithe Bhaile Átha Cliath. Tá clú bainte amach ag an gcampas i dtionscal an fháilteachais agus na lónadóireachta in Éirinn ó 1941. Tá cuid de Choláiste na nEalaíon agus na Turasóireachta lonnaithe anseo, cé gur féidir le roinnt léachtaí a bheith ar siúl i suíomhanna eile in aice láimhe. Tá roinnt de na cláir atá ar fáil ón Choláiste uathúil in Éirinn and i measc na háiseanna ar an gcampas, tá saotharlanna sainfheidmeach, cistineacha agus bialanna.

### ITBÁC, Sráid Bolton agus Halla an Línéadaigh

Tá ITBÁC, Sráid Bolton ar cheann de na foirgnimh is stairiúil de chuid na hInstitiúide agus bhí sé deartha agus tógtha go sonrach d'oidéachas teicniúil agus teicneolaíoch i 1911 ar shuíomh an iar óstán an European Hotel. Ó shin i leith, tá sé mar lárionad ceannródaíoch in oidéachais teicneolaíoch trí Choláiste na hInnealtóireachta agus na Timpeallachta Tógtha. Tá Sráid Bolton suite ar thaobh thuaidh lár na cathrach agus laistigh de chúpla nóiméad siúil ó cheantar siopadóireachta Sráid Anraí agus Sráid Parnell chomh maith le bheith i ngar do shean mhargaí na cathrach agus ceantar nuachóirithe Margadh na Feirme. Tá mic léinn na hailtireachta, na hinnealtóireacht mheicniúil agus shibhialta, pleanáil comhshaoil agus mic léinn na tógála ón leibhéal printísigh go iarchéime lonnaithe anseo i Sráid Bolton agus sa chomhfhoirgneamh Halla an Línéadaigh, atá suite trasna an bóthar. I measc áiseanna áineas an champais, tá seomra aclaíochta Halla an Línéadaigh atá feistithe le trealamh traenálaí friotaíochta agus cardashoithíoch.

Tá sonraí mar gheall ar na campais go léir agus conas teacht orthu le fáil ag [www.dit.ie](http://www.dit.ie)





# New DIT Grangegorman campus

In September 2014 the first 1000 students - of Art, Design, Photography, and Social Sciences - and 200 staff arrived on the new Dublin Institute of Technology campus at Grangegorman with a great sense of excitement. Since then, thousands more have visited the campus in Dublin's north city centre and we look forward to the next phase of development.

## Where is Grangegorman?

Grangegorman is an historic area of Dublin, located in the city centre, just 1km from O'Connell Street. Its very close neighbours include Smithfield to the south; Stoneybatter to the west; Broadstone to the east; and Phibsboro and the North Circular Road to the north.

## How do I get there?

Because it's so central, the Grangegorman campus is very accessible on foot, by bike, and by various Dublin Bus routes. The Red Luas Line stops at Smithfield, just a 10-minute walk from the campus. Meanwhile, work has already started on the new Cross-City Luas line, which will stop right on the campus at Broadstone Gate from 2017. Lots of buses serve the area - the closest are the 46A to the North Circular Road and the 37 and 39 routes to Prussia Street.

# Campas nua ITBÁC i nGráinseach Ghormáin

I mí Mheán Fómhair 2014, d'aistrigh an chéad 1,000 mac léinn Ealaíne, Dearaidh, Priontála, Grianghrafadóireachta agus na hEolaíochtaí Sóisialta - chomh maith le 200 ball foirne ríméadach chuig campas nua na hInstitiúide i nGráinseach Ghormáin. Ó shin, tá na mílte tar éis cuairt a thabhairt ar an gcampas nua i lár na cathrach ó thuaidh agus táimid ag súil go mór leis an chéad chéim eile d'fhorbairt an champais.

## Cá bhfuil Gráinseach Ghormáin?

Is ceantar stairiúil é Gráinseach Ghormáin i lár na cathrach, aon chiliméadar ó Shráid Uí Chonaill. Tá Margadh na Feirme ó dheas, Bóthar na gCloch taobh thiar, An Chloch Leathan taobh thoir, agus Baile Phib agus an Cuarbhóthar Thuaidh ó thuaidh.

## Conas a shroichim an áit?

Mar gheall go bhfuil sé chomh lárnach, tá sé éasca teacht ar champas Ghráinseach Ghormáin ag siúl, ar rothar, agus ar bhealaí éagsúla de chuid Bhus Átha Cliath. Stopann Líne Dhearg an Luas ag Margadh na Feirme nach bhfuil ach deich nóiméad siúil ón gcampas. Tá obair tosaithe cheana féin ar an líne nua Luas, a rachaidh trasna na cathrach. Stopfaidh sé sin díreach ar an gcampas ag Geata na Cloiche Leithne ó 2017. Tá a lán busanna ag freastal ar an gceantar - an 46A go dtí An Cuarbhóthar Thuaidh agus na busanna 37 agus 39 go dtí Sráid na Prúise na cinn is cóngaraí den gcampas.





### What's on campus now?

After extensive redevelopment, seven 19th century buildings have been re-designed for 21st century educational purposes. Facilities include flexible teaching and learning facilities, design studios, labs, print room and exhibition spaces. The library in Rathdown House overlooks the main courtyard, An Croí, while the cafeteria below serves hot and cold food and drinks. There is a full gym in Glassmonogue, student recreation area and DITSU office in Bradogue, and excellent outdoor sports facilities..

### What's next on campus?

The new Greenway Hub has been completed. It is now home to researchers in the Environmental Health Sciences Institute; and to DIT Hothouse, for innovation, technology transfer and new business incubation. By September 2019, 10,000 students and more than 50% of all DIT activities will have relocated to the Grangegorman campus, which will include a mix of 21st century architecture alongside historic buildings, some of which are more than 200 years old.

### A new urban quarter for Dublin

As well as providing a new city-centre campus for all of DIT, the development also includes new community health facilities, a primary school, and a range of new and existing small businesses. From 2017 the new Cross-City Luas service will stop on the campus at Broadstone Gate, adding to current bus and Luas links. In short, Grangegorman is becoming an exciting new urban quarter in the heart of Dublin, and DIT students will play a major part in shaping it.



### Ceard atá ar champas faoi láthair?

Tar éis móroibreacha athfhorbartha, tá seacht fhoirgneamh ón naoú haois déag athchóirithe do chuspóirí agus d'úsáid oideachais an 21ú aois. Tá áiseanna múinteoireachta agus foghlama solúbtha, stiúideonna dearadh, saotharlanna, seomra priontála agus spásanna taispeántas i measc na háiseanna ar an gcampas. Tá an leabharlann in Áras Ráth an Dúin ag amharc amach ar chlós lárnach an champais, 'An Croí', agus tá bia agus deoch te agus fuar le fáil i mbialann an Árais. Tá Gíomnásiam Aclaíochta iomlán le fáil i bhfoirgneamh Glas Mochainneog, limistéar sóisialta na mac léinn agus Oifig Aontas na Mac Léinn le fáil i mBradóg chomh maith le háiseanna spórt lasmuigh den scoth.

### An chéad chéim eile ar an gcampas?

Tá an Mol Glas anois críochnaithe. Tá taighdeoirí ó Institiúid na hInbhuanaitheachta Comhshaoil agus na Sláinte ag cur futhú ann agus tá nuálaíocht, aistriú teicneolaíochta agus gorlann do ghnóthaí nua mar chuid de DIT Hothouse suite sa Mhol GlasFaoi Mheán Fómhair 2019, beidh 10,000 mac léinn ar an gcampas i nGráinseach Ghormáin agus beidh 50% d'imeachtaí ITBÁC ar siúl ann. Beidh ailtireacht nua-aimseartha ón 21ú aois ann chomh maith le foirgnimh stairiúla a bhfuil cuid acu níos sine ná 200 bliain.

### Ceantar nua uirbeach do Bhaile Átha Cliath

Chomh maith le campas nua a chur ar fáil d'ITBÁC i lár na cathrach, beidh áiseanna eile mar chuid den fhorbairt freisin. Ina measc, beidh áiseanna sláinte pobail, bunscoil, réimse gnólaicthe beaga nua agus cinn atá ann cheana féin. Stopfaidh an tseirbhís tras-cathrach Luas ar an gcampas ag Geata na Cloiche Leithne ó 2017. Cuirfidh sé sin leis na seirbhísí bus agus Luas atá ann cheana féin. Go simplí, beidh Gráinseach Ghormáin ina cheantar spreagúil nua uirbeach i gcroílár Bhaile Átha Cliath agus beidh ról lárnach ag mic léinn ITBÁC chun an t-atmaisféar sin a chruthú.



# Student Services

Students at DIT have many support networks, services and facilities available to them. As a prospective student look and see what is on offer:

## Library Services

There are six libraries in DIT, located at the main centres of study. Registered students can visit and borrow books from all of them. The libraries provide study spaces, networked PCs, printers and copiers, textbooks, reference works, journals and newspapers, DVDs and other resources to support the many programmes offered by DIT.

Internet access and on-line searching are freely available via the DIT Library Services Website at [www.dit.ie/library](http://www.dit.ie/library). The electronic resources can be accessed from any networked PC, laptop or tablet within DIT and from outside. Wireless access is available in all the libraries.

Library staff are always happy to help you find the information you need. They also arrange training sessions to introduce the various services available. Contact details for each library are shown at [www.dit.ie/library/ourlibraries](http://www.dit.ie/library/ourlibraries).

## Computer Services

As a registered student you will have access to DIT's extensive computer technology services. These include e-mail, internet, e-learning facilities and support services. DIT has the highest level of connectivity of any Higher Education institution and students enjoy access to computer labs on campus and in the libraries.

Increasingly most of the business of the Institute, both academic and administrative, is conducted electronically and the Information Services provides a professional and efficient service across the Institute.

## Career Development Support & Choosing the Right Course

The team at the Career Development Centre in DIT realise that for some individuals the process of transition to higher education can be hard. We know that support at the beginning of your academic journey is critical to your success. Our experience tells us that the majority of challenges facing students transitioning to higher education fall under four broad categories: Social, Personal, Vocational and Academic.

DIT Career Development Centre designed the Connect, Commit, Communicate initiative to support you. This initiative involves delivery of a series of bespoke workshops to first year course cohorts aimed not only at supporting transitioning students but also to introduce individuals to the importance of employability and career development learning from the outset. It has been said that in terms of career management - first year is the new final year.

# Seirbhísí Mac Léinn

Tá fáil ag mic léinn ITBÁC ar go leor seirbhísí, áiseanna agus líonraí tacaíochta. Seo roinnt de na seirbhísí atá ar fáil:

## Seirbhísí Leabharlainne

Tá sé leabharlann éagsúla in ITBÁC, lonnaithe ar na príomhchamps staidéir. Is féidir le mic léinn atá cláraithe leabhair a fháil ar iasacht ó cheann ar bith acu. Sna leabharlanna tá spásanna staidéir, ríomhairí líonraithe, príntéirí agus gléasanna fótachóipeála, téacsleabhair, foinsí tagartha, iriseáin, DVDanna agus go leor áiseanna eile a thugann tacaíocht do chlár foghlama na hInstitiúide.

Tá teacht ar an idirlíon agus ar chuardach ar líne go héasca via Suíomh Gréasáin Seirbhísí Leabharlainne ITBÁC ag [www.dit.ie/library](http://www.dit.ie/library). Is féidir teacht ar na hacmhainní leictreonacha ó aon ríomhaire líonraithe laistigh de ITBÁC agus lasmuigh. Tá rochtain gan sreang ar fáil i ngach leabharlann.

Bíonn foirne na leabharlann i gcónaí sásta cabhrú leat an t-eolas a bhíonn ag teastáil uait a fháil. Eagraíonn siad seisiúin thraenála chomh maith chun na seirbhísí atá ar fáil a chur i láthair. Tá sonraí teagmhála gach leabharlann le fáil ag [www.dit.ie/library/ourlibraries](http://www.dit.ie/library/ourlibraries).

## Seirbhísí Ríomhaireachta

Mar mhac léinn ITBÁC beidh fáil agat ar sheirbhísí ríomhaireachta agus teicneolaíochta den scoth. Ina measc, tá seirbhís ríomhphoist, idirlíon, áiseanna ríomhfhoghlama agus seirbhísí tacaíochta. Tá an leibhéal nascachta is airde d'aon institiúid ardoideachais ag ITBÁC agus tá fáil ag na mic léinn ar shaotharlanna ríomhaireachta ar na campais éagsúla agus sna leabharlanna.

Tá níos mó agus níos mó do ghnó agus cumarsáid na hInstitiúide - idir acadúil agus riartha - ag tarlú ar líne, agus cuireann an rannóg Seirbhísí Faisnéise seirbhís phroifisiúnta agus éifeachtach ar fáil don institiúid uilig.

## Tacaíocht d'fhorbairt Gairme & an Cúrsa Ceart a Roghnú

Tuigeann an fhoireann in Ionad Forbartha Gairme ITBÁC go mbíonn sé deacair ag roinnt daoine an t-athrú a dhéanamh go dtí an t-ardoideachas. Tuigimid go bhfuil sé ríthábhachtach go mbeadh cúnamh agat ag tús d'aistear acadúil chun go n-éireoidh leat. Ón gcleachtadh atá againn, tagann formhór na ndúshlán a bhíonn le sárú ag mic léinn a bhíonn ag athrú go dtí an t-ardoideachas faoi cheithre chatagóir: Sóisialta, Pearsanta, Gairmiúil agus Acadúil.

Tá an tionscnamh Ceangal, Tiomantas, Cumarsáid leagtha amach ag Ionad Forbartha Gairme ITBÁC chun cuidiú leat. Faoi tionscnamh seo déanfar sraith ceardlann shaincheaptha a sheachadadh ar mhic léinn na chéad bhliana a bheidh dírithe ní hamháin ar chuidiú le mic léinn an t-athrú a dhéanamh ach freisin mic léinn a chur ar an eolas faoin tábhacht atá ón tús le hinfhostaitheacht agus le forbairt gairme. Tá sé ráite gur mó tábhacht atá leis an gcéad bhliain anois ó thaobh bainistithe gairme ná an bhliain deiridh mar a cheapaí cheana.

During the workshops students learn from each other about some of the issues that they may be faced with as a higher education student and discuss effective coping and development strategies. Through a series of interactive exercise, students are made aware of the importance of:

- ♦ Connecting – to course material, classmates, college activities, career exploration...
- ♦ Committing – to attend lecturers, submit course work on time....
- ♦ Communicating – with classmates, lecturers, family, college support services, career development centre...
- ♦ Career decision-making

Career is our journey through life; an expression of what is meaningful and important to us. It is a series of paid and unpaid experiences and can include our roles as student, worker, citizen, parent, spouse and so on. Career satisfaction usually comes from the interplay between 'being' (sense of self) and 'doing' (the expression of self).

The idea of a clearly defined career path and job for life is outdated. Change is now the only certainty in life. The challenge is to manage this constant change. The majority of graduates will be working on average 8 hours a day, 5 days a week for 40-50 years.

Imagine yourself 40 years from now. Has your career been one which has given you personal satisfaction and played to your strengths and abilities? Did you realise your potential? Did you forge a path that was rewarding and successful in terms as you personally defined them?

The process of good career decision making includes - knowing yourself (what motivates you); knowing what's out there (where the opportunities are) and making a choice to pursue a particular role. Making the right decisions can determine the direction of our lives and self-awareness is a fundamental part of this process. Being self-aware means understanding your skills, strengths, abilities, personality, values, motivations and external influences and how they impact on career decisions. Informed choices are usually based on an appreciation of what you can do and what you want to achieve.

The Career Development Centre offers support and access to information on career decision-making, occupational research, CV preparation, interview skills, assessment centres and psychometric testing. A range of group workshops are combined with follow up one-to-one coaching, where required.

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Le linn na gceardlann, beidh mic léinn ag foghlaim óna chéile faoi roinnt de na nithe a bheadh le sárú acu, b'fhéidir, agus pléifear stráitéisí éifeachtacha déileála agus forbartha. Trí shraith cleachtaí idirghníomhacha, cuirfear ina luí ar mhic léinn an tábhacht atá le:

- ♦ Ceangal – a dhéanamh le hábhar do chúrsa, le do chomhghleacaithe sa rang, le himeachtaí sa choláiste agus le gairmeacha a fhiosrú....
- ♦ Tiomantas – freastal ar léachtaí, obair chúrsa a chur ar aghaidh in am....
- ♦ Cumarsáid – le mic léinn sa rang, le léachtóirí, le do theaghlach, le seirbhísí tacaíochta coláiste, leis an ionad forbartha gairme....
- ♦ Cinntí a bhaineann le Gairm

Aistear saoil é do ghairm; léiriú ar an ní atá tábhachtach duit. Taithí saoil a bhfaigheann tú luach saothair ar chuid de agus cuid eile nach bhfaigheann ina measc, a bheith i do mhac léinn, i d'fhostaí, i do shaoránach, i do thuismitheoir, i do chéile agus mar sin de. Is minic go mbíonn dhá rud i gceist le sástacht ghairme - tuiscint ort féin agus tú féin a chur in iúl i do shaothar.

Ní ann do shlí gairme shaincheaptha ná do phost go deo níos mó. Níl dada cinnte sa saol anois ach go dtarlaíonn athrú. An dúshlán atá ann an t-athrú síoraí sin a bhainistiú. Oibreoidh formhór chéimithe an lae inniu 8 n-uaire an chloig ar an meán, 5 lá na seachtaine go ceann 40-50 bliain.

Samhlaigh tú féin faoi cheann dhá scór bliain ó inniu. An raibh gairm bheatha agat a thug sásamh pearsanta duit agus ar bhain tú leas as do chumas agus do chuid láidreachtaí? Ar bhain tú barr feabhais amach? Ar leag tú amach bealach ar bhain tú tairbhe as agus ar éirigh go maith leat ann, sa chiall a bhaineann tusa as go pearsanta as na nithe sin?

Mar chuid den phróiseas dea-chinntí gairme, tá sé tábhachtach go mbeadh tuiscint agat ort féin (cad a spreagann tú); go mbeadh eolas agat ar an obair atá ar fáil (cá bhfuil na deiseanna) agus rogha a dhéanamh dul sa tóir ar ról ar leith. D'fhéadfadh na cinntí cearta treo ár saoil a leagan amach agus tá an fhéin-fheasacht ina cuid bhunúsach den phróiseas sin. Nuair a bhíonn tú féin-fheasach, tuigeann tú do chuid scileanna, do chuid láidreachtaí, do chumais, do chuid luachanna féin, tuigeann tú cad a spreagann tú agus na nithe a mbíonn tionchar acu ort agus mar a bhíonn tionchar acu sin ar do chinntí gairme. Bíonn roghanna eolasacha bunaithe de ghnáth ar thuiscint a bheith agat ar an méid atá tú ábalta a dhéanamh agus ar an méid is mian leat a bhaint amach.

Cuireann an tIonad Forbartha Gairme tacaíocht agus eolas ar fáil chun cuidiú leat - cinntí gairme agus taighde gairme a dhéanamh, CV a ullmhú, scileanna agallaimh, agus cuireann siad ionaid mheasúnaithe agus tástáil shiciméadrach ar fáil. Cuirtear réimse ceardlann grúpa ar fáil chomh maith le cóitseáil duine ar dhuine ina dhiaidh nuair is gá.

Individual guidance (where required) is offered through confidential career consultation is. A drop-in service is also available and careers emails and a general vacancy website are in place. The centre also offers an extensive programme of workshops, courses, seminars and guest lectures.

Welcome to DIT and please do get in touch if we can support you on your way.

#### Contact us:

##### SOUTHSIDE COLLEGES

Aungier St Office (room 2038)

##### Careers Advisers

Dave Kilmartin, Head of Service 01 402 3084

Georgina Higgins 01 402 3109

Christiane Brennan 01 402 3109

Laurence Whitson 01 402 3115

General Office Contact: 01 402 3082; careers@dit.ie

##### Employer Liaison & Office Manager

Carol Kavanagh

Contact us: 01 402 3082; carol.kavanagh@dit.ie

##### NORTHSIDE COLLEGES

Bolton St Office (room 149)

##### Careers Advisers

Peter Lewis 01 402 3868

Susan Kelly 01 402 3859

Carol Kelehan 01 402 3930

General Office Contact: 01 402 2961; careers@dit.ie

##### Office Manager

Sinead Rafferty

Contact us: 01 402 2961; sinead.rafferty@dit.ie

#### Counselling Service

The Counselling Service, staffed by a team of counselling psychologists, is available to help students to identify worries - large or small - that might affect their academic or their personal development. The Service is available from each of the main campus sites and provides a safe, supportive place where you can talk about any issue that might be troubling you in total confidence. Recognising that you need to talk to someone is not a sign of weakness and seeking help early on can ensure that a problem can be addressed and pressure relieved to enable you to cope with your studies as well as with other aspects of your life. The Counselling Service is entirely confidential and any student is welcome to make an appointment. Mobile: 086 0820543 or 01 402 3352. See: [www.dit.ie/counselling](http://www.dit.ie/counselling)

Cuirtear treoir duine ar dhuine ar fáil (nuair is gá) trí chomhairleoireacht faoi rún. Tá seirbhís buail isteach ar fáil freisin chomh maith le ríomhphoist ghairme agus láithreán gréasáin d'fholúntais ghinearálta a bheith i bhfeidhm. Bíonn clár leathan ceardlann, cúrsaí agus seimineár chomh maith le aoi-léachtaí ar fáil san ionad.

Fáilte go hITBÁC agus beidh fáilte romhat teagmháil a dhéanamh linn má táimid in ann cúnamh a thabhairt duit ar d'aistear.

#### Déan teagmháil linn:

##### COLÁISTÍ Ó DHEAS DEN CHATHAIR

Oifig Shráid Aungier (seomra 2038)

##### Comhairleoirí Gairme

Dave Kilmartin, Ceannasaí na Seirbhíse 01 402 3084

Georgina Higgins 01 402 3109

Christiane Brennan 01 402 3109

Laurence Whitson 01 402 3115

Teagmháil na hOifige Ginearálta: 01 402 3082; careers@dit.ie

##### Idirchaidreamh le Fostóirí & Bainisteoir Oifige

Carol Kavanagh

Déan teagmháil linn: 01 402 3082; carol.kavanagh@dit.ie

##### COLÁISTÍ Ó THUAIDH DEN CHATHAIR

Oifig Shráid Bolton (seomra 149)

##### Comhairleoirí Gairme

Peter Lewis 01 402 3868

Susan Kelly 01 402 3859

Carol Kelehan 01 402 3930

Teagmháil na hOifige Ginearálta: 01 402 2961; careers@dit.ie

##### Bainisteoir na hOifige

Sinead Rafferty

Déan teagmháil linn: 01 402 2961; sinead.rafferty@dit.ie

#### Seirbhís Comhairliúcháin

Tá an tSeirbhís Comhairliúcháin ann le cabhair a thabhairt do mhic léinn déileáil le strus agus buarthaí - beag nó mór - a bheadh ag cur isteach orthu ina saol acadúil nó a saol pearsanta. Is síceolaithe comhairleoireachta iad baill foirne na Seirbhíse. Tá an tseirbhís ar fáil ar gach ceann de na príomhchampaí. Tugann sé deis duit labhairt mar gheall ar rud ar bith atá ag cur isteach ort, i dtimpeallacht atá sábháilte agus tacúil, agus coinneofar gach rud a deir tú ann faoi rún. Ní léiríonn sé aon laige ort má tá fonn ort comhairle a lorg, agus má lorgaíonn tú cabhair go luath, go minic laghdaíonn tú an brú agus réitíonn tú an fhadhb - rud a chuireann le do chumas déileáil leis an staidéir agus leis an saol i gcoitinne. Tá an tSeirbhís Comhairliúcháin go hiomlán iontaobhach agus faoi rún, agus tá lánfháilte roimh aon mhac léinn coinne a shocrú linn. Fón: 086 0820543 nó 01 402 3352. Féach [www.dit.ie/counselling](http://www.dit.ie/counselling)



### Chaplaincy

An inter-faith ecumenical Chaplaincy service provides support and care for the personal, social and spiritual lives of students and staff on campus in DIT and contributes in no small way to the sense of community in the Institute. There is a Chaplain available in each of the main campus locations and you are welcome to call at any time. The Chaplain is there to listen and to offer assistance with any difficulties you may encounter during your time in college. They can also help you to access the network of student support services in the Institute. The Chaplaincy also provides opportunities to get involved in social justice issues or community building projects and facilitates students working in peer support groups, assisting children in local disadvantaged schools, or contributing to many other projects.

### DIT Student Accommodation Service 2018

DIT Financial Aid & Accommodation Department reserves approximately 450 bed spaces with external student accommodation providers each year. Students can book from June onwards to ensure a place for the 2017/18 Session. Please note that there is a severe shortage of student accommodation in Dublin so it is advisable that students book as early as possible. Booking this accommodation particularly helps students coming to Dublin for the first time and settles the student quicker into College life and becoming familiar with Dublin city.

The advantages to students booking this type of accommodation are as follows:-

- Group book & live with your friends
- Hassle free booking of accommodation for the year
- Being with a community of students & participating in social & sports events
- Accommodation fully equipped & fitted, built to a very good standard
- Additional facilities may be available i.e. laundry services, sports facilities, retail outlets, shops, cafés etc. with the accommodation or local amenities accessible close-by
- All apartment complex's served with transport links to DIT campuses
- Secure parking may be available & bike storage is available
- Internet provision
- Advance online booking may be available, competitive rates & security of tenure for the academic session provided
- Providers try to place students of similar courses & DIT campuses together
- Flexibility in allocating alternative accommodation if students not happy with their accommodation
- Safe, secure & private with security provided & onsite management company for assistance
- DIT has a residential assistant system in place to help students with any difficulties and refer students to DIT's support services

### Séiplíneacht

Cuireann an tseirbhís séiplíneachta tacaíocht agus cúram éacúiméineach agus idirchreidmheach ar fáil do saolta pearsanta, sóisialta agus spioradálta mic léinn agus baill foirne ITBÁC. Cuireann an tseirbhís go mór leis an bpobal ar na campais. Tá séiplíneach ar fáil ar gach mórchampas agus tá fáilte romhat cuairt a thabhairt orthu ag am ar bith. Tá an séiplíneach ann le héisteacht, agus le cabhrú leat le pé deacrachtaí a bheadh agat agus tú ag freastal ar an gcoláiste. Féadfaidh siad, freisin, cabhrú leat maidir le rochtain ar sheirbhísí tacaíochta do mhic léinn na hInstitiúde. Freisin cuireann an séiplíneacht deiseanna ar fáil duit le bheith rannpháirteach i gcúrsaí ceartais shóisialta agus tionscadail thógála sa phobal, agus cuireann siad tacaíocht ar fáil do mhic léinn atá ag obair i ngrúpaí piarthacaíochta, ag cabhrú le páistí i scoileanna áitiúla atá faoi mhíbhuntáiste nó ag obair ar thionscadail shóisialta eile.

### Seirbhís Cóiríochta do Mhic Léinn ITBÁC 2018

Cuireann Rannóg Cúnaimh Airgeadais & Cóiríochta ITBÁC thart ar 450 leaba in áirithe do mhic léinn gach bliain le soláthraithe cóiríochta seachtracha. Féadfaidh mic léinn áirithe a dhéanamh ó mhí an Mheithimh ar aghaidh le spás a chinntiú dóibh féin do Sheisiún 2017/18. Tabhair ar aird go bhfuil géar-ghanntanas cóiríochta ann do mhic léinn i mBaile Átha Cliath agus mar sin moltar do mhic léinn áirithe a dhéanamh chomh luath agus is féidir. Trí chóiríocht a chur in áirithe, cabhraítear le mic léinn a thagann go Baile Átha Cliath den chéad uair socrú isteach i saol an Choláiste níos tapúla agus eolas a chur ar chathair Bhaile Átha Cliath.

Seo a leanas na buntáistí do mhic léinn a chuireann an cineál sin cóiríochta in áirithe:-

- Áiritheintí grúpa - cónaí le cairde
- Cóiríocht don bhliain go léir a chur in áirithe gan stró
- Bheith le pobal mac léinn agus a bheith rannpháirteach in imeachtaí sóisialta & spóirt
- Cóiríocht ina bhfuil gach feisteas & trealamh, tógtha ar ardchaighdeán
- D'fhéadfadh saoráidí breise a bheith ar fáil leis an gcóiríocht, i.e. seirbhísí níos áine, saoráidí spóirt, ionaid mhiondiola, siopaí, caiféanna, & eile nó d'fhéadfadh áiseanna a bheith ar fáil go háitiúil
- Naic iompair le campais ITBÁC ag freastal ar gach coimpléasc árasán
- D'fhéadfadh páirceáil shlán shábháilte a bheith ar fáil agus tá stóras rothar ar fáil
- Soláthar idirlín
- D'fhéadfadh réamh-áiritheintí ar líne a bheith ar fáil, chomh maith le rátaí iomaíocha agus daingne tionachta don seisiún acadúil
- Déanann soláthraithe iarracht mic léinn ar chúrsaí comhchosúla agus mic léinn atá ag freastal ar na campais chéanna in ITBÁC a chur le cheile
- Solúbthacht maidir le malairt cóiríochta a chur ar fáil do mhic léinn mura mbíonn siad sásta lena gcóiríocht
- Sábháilte, slán agus príobháideach agus slándáil curtha ar fáil & cuideachta bainistíochta ar an láithreán chun cúnamh a thabhairt
- Tá córas cúnatóirí cónaithe i bhfeidhm ag ITBÁC chun cabhrú le mic léinn maidir le haon deacrachtaí a bheadh acu agus chun iad a atreorú chuig seirbhísí tacaíochta ITBÁC

- Health, Safety & Welfare of students a key priority for DIT & external providers
- All accommodation wheelchair accessible

For further information see DIT's website - [www.dit.ie/campuslife/studentsupport/accommodation](http://www.dit.ie/campuslife/studentsupport/accommodation)

#### Child Care Support Fund

The Child Care Support Fund is a scheme which may provide a subsidy towards the cost of childcare to childcare providers during the academic year.

#### General Schemes

The General Assistance Schemes provide financial support to students in severe financial difficulty. The rent assistance scheme offers assistance to all eligible students. The travel assistance scheme offers assistance towards compulsory travel as part of the academic programme to all eligible students. Assistance can be provided for class materials for certain designated courses to eligible students. All student assistance schemes are subject to funding availability. See DIT website [www.dit.ie/campuslife/studentsupport](http://www.dit.ie/campuslife/studentsupport)

#### Student Personal Accident Insurance

All DIT full-time registered students are covered by a Personal Accident Insurance Scheme. Apprentice students are covered only whilst attending a DIT campus. All students participating in sports and student activities are covered once they are on the insurance register. Cover is provided for a wide range of benefits (subject to some exclusions) in respect of certified accidents, whether occurring on DIT premises or elsewhere. See the DIT website [www.dit.ie/DIT/studentssupport/accident](http://www.dit.ie/DIT/studentssupport/accident). For more details on the above please contact the DIT Financial Aid & Accommodation Department Tel. 402 3394 or email [financial.aid@dit.ie](mailto:financial.aid@dit.ie).

#### Student Health Service

Health Centres are located in Aungier Street for the south city DIT centres and in Linenhall (Bolton Street) for the north city DIT centres. The health centres are staffed by nurses and doctors whose function is to provide a service for general health treatment and care. This service is free to all full-time students. Assistance with the cost of specialist consultations and with routine dental and ophthalmic treatment is available to students who are in need. Students should obtain a Medical Card if they are entitled to one see; [www.dit.ie/campuslife/studenthealthservice/](http://www.dit.ie/campuslife/studenthealthservice/)

- Sláinte, Sábháilteacht & Leas na mac léinn mar phríomhthosaíocht ag ITBÁC agus ag na soláthraithe seachtracha
- Tá rochtain ag cathaoireacha rotha ar an gcóiríocht go léir

Chun a thuilleadh eolais a fháil, féach ar láithreán gréasáin ITBÁC - [www.dit.ie/campuslife/studentsupport/accommodation](http://www.dit.ie/campuslife/studentsupport/accommodation)

#### Ciste Tacaíochta do Chúram Leanaí

Is féidir go gcuirfidh an Ciste Tacaíochta do Chúram Leanaí fordheontas ar fáil le cabhrú le mic léinn costais chúram leanaí a íoc le soláthróirí le linn na bliana acadúla.

#### Scéimeanna Ginearálta

Soláthraíonn na Scéimeanna Cúnaimh Ginearálta tacaíocht airgeadais do mhic léinn a bhfuil mórdheacrachtaí airgeadais acu. Cuireann an scéim cúnaimh cíosa cúnamh ar fáil do gach mac léinn atá i dteideal a leithéid. Tá tacaíocht ar fáil ón Scéim Cúnaimh Taistil i dtreo taisteal éigeantach mar chuid den gclár acadúil do mhic léinn go léir atá i dteideal cúnamh. Is féidir go gcuirfí cúnamh airgid ar fáil do mhic léinn a bheadh ina theideal le ábhair ranga a chlúdach do chlár áirithe. Braitheann na scéimeanna cúnaimh uilig ar mhaoiniú a bheith ar fáil dóibh. Gach eolas ar [www.dit.ie/campuslife/studentsupport](http://www.dit.ie/campuslife/studentsupport)

#### Árachas Tionóisce Pearsanta na Mac Léinn

Clúdaíonn Scéim Árachas Tionóisce Pearsanta mic léinn na hInstitiúide atá cláraithe agus lánaimseartha. Níl mic léinn printisigh clúdaithe faoin scéim seo ach amháin nuair atá siad i láthair ar champais ITBÁC. Clúdaítear mic léinn atá ag glacadh páirte i gcúrsaí spóirt agus imeachtaí mic léinn eile chomh fada is atá siad ar an gclár árachais. Tá clúdach árachais le fáil le haghaidh raon leathan sochar (faoi réir eisiámh áirithe) i leith timpistí áirithe a tharlaíonn ar champais ITBÁC nó in áiteanna eile. Breathnaigh ar shuíomh idirlín ITBÁC [www.dit.ie/DIT/students/support/accident](http://www.dit.ie/DIT/students/support/accident). Is féidir teagmháil a dhéanamh le Seirbhís Chabhair Airgeadais agus Cóiríochta ITBÁC le haghaidh tuilleadh eolais: fón 01 402 3394 nó ríomhphost [financial.aid@dit.ie](mailto:financial.aid@dit.ie).

#### Seirbhís Sláinte na Mac Léinn

Tá Ionaid Sláinte lonnaithe i Sráid Aungier do champais ITBÁC i ndeisceart na cathrach agus i Halla an Línéadaigh (Sráid Bolton) do champais ITBÁC i dtuaisceart na cathrach. An dualgas atá ar na dochtúirí agus na haltraí sna hIonaid Sláinte ná cóir leighis agus cúram sláinte ginearálta a chur ar fáil. Tá na seirbhísí seo saor in aisce do mhic léinn lánaimseartha. Is féidir go gcuirfí cúnamh airgid ar fáil do mhic léinn le costais comhairliú le speisialtóir nó gnáthchóireáil fioclóireachta agus optaiméadrachta a chlúdach má tá riachtanais airgeadais acu. Ba cheart do mhic léinn Cárta Leighis a fháil má tá siad i dteideal ceann – féach [www.dit.ie/campuslife/studenthealthservice/](http://www.dit.ie/campuslife/studenthealthservice/)

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**DAY DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**

# Disability Services

The Disability Service is committed to helping students with disabilities achieve their academic goals. If you are a student with a physical, sensory or learning disability, medical or mental health condition that impacts your learning, we can support you.

We aim to promote awareness within the college community and provide information on the rights and values of students with disabilities, including cultural, physical and psychological barriers which are encountered by these individuals. The service aims to mainstream services and facilities in all service areas, so that students with disabilities are treated in the same way as all other students in terms of service delivery, wherever it is possible to do so.

Our service is staffed by experienced professional workers with knowledge and expertise in access and equity issues. We work closely with academic staff, tutors, administrators and other support services. There is a wide range of supports available to meet the needs of students with disabilities. The level of support required will differ between students, and students with similar disabilities, as each student brings with them their own experience.

## DIT Support Services

There are a wide range of supports available to all students with disabilities. Examples include the following:

- Sign Language Interpreting
- Note-taking
- Specialist Tuition
- Academic/Personal Assistant
- Photocopying Allowances
- Specialist Equipment
- Transport Allowances
- Unilink Scheme

In addition, if there are difficulties with the content and format of the course during the academic year, or other issues which may affect academic performance, your Learning Support Officer (LSO) can liaise between you and the relevant academic staff.

Our Learning Support Officers provide a wide range of academic supports for students in a one to one or group setting. Learning Support Officers ensure that appropriate examination accommodations (in accordance with DAWN Examination Policy) are granted to students.

# Seirbhísí do Dhaoine faoi Mhíchumas

Tá an tSeirbhís Mhíchumais tiomanta do chabhair a thabhairt do mhic léinn faoi mhíchumas a spriocanna acadúla a bhaint amach. Más mac léinn thú, a bhfuil míchumas fisiciúil, céadfach nó foghlama; riocht sláinte nó riocht sláinte intinne agat agus má chuireann sé sin isteach ar do chuid foghlaim, is féidir linn tacú leat.

Déanaimid gach iarracht tuiscint agus eolas ar chearta agus luachanna mac léinn faoi mhíchumas a chur chun cinn timpeall an choláiste, bacainní cultúrtha, fisiciúla, agus síceolaíochta a mbuaileann na mic léinn seo san áireamh. Is é príomhsruthú a dhéanamh ar sheirbhísí agus áiseanna i nach réimse mac léinn aidhm na seirbhíse, ionas go bhfaighidh mic léinn faoi mhíchumas an tseirbhís chéanna is a fhaigheann gach mac léinn eile, chomh fada is ar féidir linn.

Is oibrí gairmiúla iad an fhoireann a bhfuil taithí agus eolas acu ar chúrsaí rochtana agus cothromais. Oibrímid leis an bhfoireann acadúil, le teagascóirí, riarthóirí, agus seirbhísí tacaíochta eile. Tá raon leathan tacaíochtaí ar fáil chun freastal ar riachtanais na mac léinn faoi mhíchumas. Athraíonn leibhéal na tacaíochta atá de dhíth ag mic léinn de réir na mac léinn féin agus an mhíchumais agus bíonn a dtaithe féin ag gach mic léinn.

## Seirbhísí Tacaíochta ITBÁC

Tá raon leathan seirbhísí ar fáil do mhic léinn faoi mhíchumas.

Mar shampla:

- Ateangaireacht ar theanga chomharthaíochta
- Breacadh nótaí
- Sainteagasc
- Cúntóir Acadúil/Pearsanta
- Liúntas fótachóipeála
- Treailimh Speisialta
- Liúntas Taistil
- Scéim Unilink

Chomh maith le sin má tá fadhbanna agat le hábhair nó le leagan amach do chúrsa i rith na bliana acadúla, nó má chuireann aon rud eile isteach ar do dhul chun cinn acadúla, is féidir le d'Oifigeach Tacaíochta don Foghlaim teagmháil a dhéanamh leis na baill foirne acadúla cuí.

Cuireann ár nOifigí Tacaíochta don Foghlaim raon leathan tacaíochtaí acadúla ar fáil do mhic léinn i suíomh 'duine ar dhuine' nó grúpa. Cinntíonn Oifigí Tacaíochta don Foghlaim go bhfuil na socrúithe scrúdaithe cuí i bhfeidhm (de réir polasaithe scrúdaithe DAWN) don mhac léinn.

#### Learning Support includes:

- Note-taking skills
- Reading Strategies
- Reading for Meaning
- Spelling & Grammar Instruction and Skills
- Essay Support
- Research Skills
- Analysing the Question
- Revision & Memory Skills
- Exam Techniques
- Referral for Subject Specific Grinds
- Assistive Technology Service

The Assistive Technology Officers assess the technology requirements of students and provide training in the use of this equipment. Assistive Technology training rooms are situated in the libraries in DIT Aungier Street and DIT Bolton Street and both have specialist 'text to speech' software that all students registered with the Disability Service can avail of during library hours.

#### What funding is available?

Support for students with a disability is financed through the National Access Office of Equity of Access to Higher Education (National Access Office) on behalf of the Department of Education & Skills. Students have to have appropriate supporting documentation in order to qualify for this funding.

#### How do I Register with the Disability Service?

**Important:** Indicating that you have a disability on your CAO Application and/or during your online registration with DIT is not sufficient to get you the support you need. You will have to contact the Disability Service and register separately with us.

#### There are a number of steps you need to take:

- Contact us at [disability@dit.ie](mailto:disability@dit.ie) or at (01) 402 7681.
- We will arrange an appointment for you to meet with your assigned Learning Support Officer who will carry out a "Needs Assessment" with you.
- You should bring any and all relevant supporting documentation/proof of disability with you to this appointment.
- Your Needs Assessment will be completed by the Learning Support Officer (LSO) and subsequently the Assistive Technology Officer (ATO), who you will meet with separately. The Needs Assessment takes into account the situations you may have encountered during your studies. This, coupled with your supporting documentation is sent to the National Access Office who makes the decision in relation to your funding allocation.

#### Tacaíocht don Fhoghlaim:

- Breacadh Nótaí
- Straitéisí léitheoireachta
- Léamh ar thóir na brí
- Scileanna & Treoracha Litrithe agus Gramadaí
- Tacaíocht le hAiste
- Scileanna Taighde
- Ag déanamh anailise ar ceisteanna
- Scileanna Staidéir & Cuimhne
- Teicnící Scrúdaithe
- Cuirfear chuig dianchúrsaí ar ábhair sainiúla
- Seirbhís Teicneolaíochta Cúnta

Déanann na hOifigí Teicneolaíochta Cúnta measúnú ar riachtanais teicneolaíochta na mac léinn agus cuireann siad tréanail ar fáil in úsáid an trealaimh sin. Tá seomraí teicneolaíochta cúnta le fáil sna leabharlanna in ITBÁC Shráid Aungier agus ITBÁC Shráid Bolton agus tá bogearraí speisialta 'text to speech' le fáil iontu. Is féidir le gach mac léinn faoi mhíchumas úsáid a bhaint as.

#### Cén mhaoiniú atá ar fáil?

Tá tacaíocht do mhic léinn faoi mhíchumas maoinithe ag an Oifig Náisiúnta do Chothromas Rochtana ar an Ardoideachas (Oifig Náisiúnta Rochtana) ar son na Roinne Oideachais agus Scileanna. Ní mór do mhic léinn na cáipéisí cuí a bheith acu chun aon mhaoiniú a fháil

#### Conas a chláraím leis an tSeirbhís Mhíchumais?

**Tábhachtach:** Ní leor tabhairt le fios go bhfuil tú faoi mhíchumais ar do fhoirm CAO agus/nó agus tú ag clárú ar líne chun tacaíocht a fháil uainn. Beidh ort teagmháil ar leith a dhéanamh leis an tSeirbhís Mhíchumais agus clárú linn.

#### Tá cúpla rud le déanamh agat:

- Déan teagmháil linn [disability@dit.ie](mailto:disability@dit.ie) nó ag (01) 402 7681
- Socróimid coinne leatsa agus leis an Oifigeach Tacaíochta don Fhoghlaim a shannfar duit agus déanfaidh siadsan measúnú riachtanas leat.
- Ní mór duit na cáipéisí a thugann le fios go bhfuil tú faoi mhíchumas a thabhairt leat chuig an gcoinne seo
- Déanfaidh an tOifigeach Tacaíochta don Fhoghlaim agus an tOifigeach Teicneolaíochta Cúnta do mheasúnú riachtanas leat. Buailfidh tú leo ag am ar leith. Tógann an measúnú riachtanas seo le fios na rudaí difriúla ar bhuail tú leo le linn do chuid stáidéir. Seolfar an t-eolas seo, chomh maith le do cháipéisí féin chuig an Oifig Náisiúnta Rochtana agus déanfaidh siadsan cinneadh maidir le do mhaoiniú ansin.

[www.dit.ie/campuslife/disability](http://www.dit.ie/campuslife/disability)  
[disability@dit.ie](mailto:disability@dit.ie)

[www.dit.ie/campuslife/disability](http://www.dit.ie/campuslife/disability)  
[disability@dit.ie](mailto:disability@dit.ie)



### I think I may have a Specific Learning Difficulty (Dyslexia). What should I do?

If you are a student in Dublin Institute of Technology and think you may have a Specific Learning Difficulty (Dyslexia), you are welcome to contact us and put your name down on the waiting list to be screened. The fixed dates for Dyslexia Screening are available on our website. This assessment will take two to three hours and will include a discussion of your current difficulties. The Learning Support Officer will go through four tests with you which can give a preliminary indication if you have dyslexic tendencies.

The Learning Support Officer will discuss the conclusions with you in a feedback session and if it is highly probable that you have dyslexic tendencies, you will need to have a full assessment by an educational psychologist for a formal diagnosis of a Specific Learning Difficulty. The Learning Support Officer can give you contact details so that you can arrange your assessment with a qualified Educational Psychologist.

### What is the Unilink Scheme?

Unilink is a private, confidential, practical occupational therapy support service established in Trinity College, Dublin and provided within DIT 2 days per week. Unilink is available to students who are registered with the Disability Support Service who may be experiencing difficulties associated with any of the following:

- Mental Health Difficulties
- Asperger's Syndrome
- Attention Deficit/Hyperactivity Disorder and/or
- Physical and Sensory difficulties

Unilink is staffed by qualified and experienced Occupational Therapists. Occupational therapy is a client centred health profession concerned with promoting health and well being by enabling people to participate in the activities of everyday life or "occupations." You can find out more from your Learning Support Officer.

### Ceapaim go bhfuilim faoi Shain-mhíchumas Foghlama (Disléicse). Céard a dhéanfaidh mé?

Más mac léinn de chuid ITBÁC thú, agus má cheapann tú go bhfuil tú faoi shain-mhíchumas foghlama (Disléicse) tá fáilte romhat teagmháil a dhéanamh linn agus cuirfear d'ainm ar an liosta feithimh le haghaidh scagthástála. Tá na dátaí daingnithe do Scagthástáil Disléicse le fáil ar ár suíomh idirlín. Tógfaidh an measúnú seo dhá nó trí uaire agus beidh pléigh ar do dheacrachtaí reatha chomh maith. Rachaidh an tOifigeach Tacaíochta don Fhoghlaim trí cheithre thástáil leat a féadfaidh tabhairt le fios an bhfuil claonadh disléicse agat.

Pléifidh an tOifigeach Tacaíochta don Fhoghlaim na conclúid leat i seisiún aiseolais agus, má tá seans mhaith go bhfuil claonadh disléicse agat, beidh ort measúnú iomlán a fháil ó síceolaí oideachais chun diagnóis fhoirmiúil ar do Shain-mhíchumas Foghlama a fháil. Tabharfaidh an tOifigeach Tacaíochta don Fhoghlaim sonraí teagmhála duit ionas gur féidir leat do mheasúnú le síceolaí cáilithe a eagrú.

### Céard atá i gceist leis an scéim Unilink?

Is seirbhís tacaíochta príobháidigh, rúnda í an tseirbhís teiripe saothair praiticiúla a bunaíodh Coláiste na Tríonóide, Baile Átha Cliath agus atá le fáil in ITBÁC dhá lá in aghaidh na seachtaine. Tá an tSeirbhís Unilink ar fáil dóibh siúd atá cláraithe leis an tSeirbhís Tacaíochta Míchumais agus a bhfuil aon do na deacrachtaí seo a leanas á mbualadh:

- Fadhbanna shláinte intinne
- Síondróim Asperger
- Neamhord Hipirghníomhaíochta an Easnamh Airde
- Deacrachtaí Fisiciúla agus Céadfacha

Is teiripeoirí shaothair cáilithe a bhfuil taithí mhaith acu iad foireann Unilink. Is gairm sláinte é teiripe saothair a díríonn ar an gcliant féin, agus iad ag cur na sláinte agus na folláine chun cinn tríd an gcumas a thabhairt do dhaoine páirt a ghlacadh i ngnáthimeachtaí agus ngnáthghairme. Is féidir tuilleadh eolais a fháil ó do Oifigeach Tacaíochta don Fhoghlaim.



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# Student Activities

## Clubs and Societies

Clubs and Societies are an important – even essential – part of life in any third-level institution and there are over 120 clubs and societies active in DIT, initiated and run by students. Being active in any club or society is an excellent way of getting to know other students with similar tastes and interests and especially to meet students in different faculties or pursuing different programmes of study. Becoming involved in the running of clubs and societies can provide good experience in organisation and management, leadership and teamwork. Students are encouraged to take part in the activities that interest them, for the social as well as the educational benefits.

## Sports & Recreation at DIT

Get active at DIT - We've got an activity for you...

The Sport and Recreation Service at Dublin Institute of Technology is committed to delivering a high quality service to students at DIT. We ensure that opportunities are available for everyone to participate in sport and physical activity at the level that they choose.

So whether you're an elite athlete or trying a new activity out for the first time, we are here to make sure that it is an enjoyable experience.

Our dedicated sports and recreation team co-ordinate a variety of programmes in venues across the city and ensure that the highest standards are provided to our student members at all times – with professional coaches and high quality facilities and equipment being provided and catering for every individuals choice.

DIT currently has over 40 sports clubs for you to choose from and if your sport is not represented among these, we can help you to set up a new club. We deliver a comprehensive and diverse sports programme which offers a mixture of competitive and recreational activities for beginners through to elite athletes - from archery to mountaineering and swimming to yoga – with lots more in between.

As part of this sports development programme, we provide training for anyone who is interested in developing their skills as a club administrator, to help you to get involved in the running of your club. We also support a variety of programmes which help students to train as coaches in their chosen sport.

DIT is committed to the pursuit of excellence in all aspects of its work; the DIT Sport and Recreation Service facilitates this vision through the provision of quality sports facilities and services at the Fit2Go Club.

# Gníomhaíochtaí na Mac Léinn

## Clubanna agus Cumainn

Tá Clubanna agus Cumainn thar a bheith tábhachtach, riachtanach fiú mar pháirt d'aon institiúid tríú leibhéal agus tá níos mó na 120 club agus cumann gníomhach curtha ar bun agus á reáchtáil ag mic léinn in ITBÁC. Trí rannpháirtíocht ghníomhach i gclubanna agus cumainn, is iontach an deis a fhaightear chun aithne a chur ar mhic léinn eile a bhfuil na spéiseanna agus suimeanna ceánna acu leat féin agus go háirithe chun buaileadh le mic léinn ó dhámha agus scoileanna eile. Is iontach an taithí a fhaightear i gcúrsaí bainistíochta, riarachán, ceannaireacht agus obair foirne ó bheith gníomhach in eagrú clubanna agus cumainn. Spreagtar mic léinn chun a bheith páirteach in imeachtaí a bhfuil spéis acu ann ar mhaithe leis na buntáistí sóisialta agus na buntáistí oideachais.

## Spóirt & Caitheamh Aimsire in ITBÁC

Bí gníomhach in ITBÁC – tá gníomhaíocht againn duit...

Tá an tSeirbhís Spóirt agus Caitheamh Aimsire in Institiúid Teicneolaíochta Bhaile Átha Cliath tiomanta seirbhís ar ardcháilíocht a sheachadadh chuig na mic léinn san Institiúid. Cinntimid go mbíonn deiseanna ar fáil do gach duine le bheith rannpháirteach i spórt agus i ngníomhaíocht fhisiciúil ag an leibhéal is rogha leo.

Mar sin, cuma an lúthchleasaí oilte tú nó duine atá ag lorg gníomhaíocht nua den chéad uair táimidne anseo lena chinntiú go mbainfidh tú taitneamh as.

Déanann an mheitheal spóirt agus caitheamh aimsire tiomanta atá againn comhordú ar chlár éagsúla in ionaid ar fud na cathrach agus cinntíonn siad go gcuirtear na caighdeáin is airde ar fáil dár gcuid mac léinn seasta – agus cóitseálaithe gairmiúla agus saoráidí agus trealamh ar ardchaighdeán ar fáil le freastal ar rogha gach duine faoi leith.

Faoi láthair tá breis is 40 club spóirt ann duit le roghnú eatarthu agus mura bhfuil do spórtsa ar cheann acu tabharfaimid cúnamh duit le club nua a thosú. Déanfaimid seachadadh ar chlár spóirt atá éagsúil agus cuimsitheach agus a thairgeann meascán de ghníomhaíochtaí caitheamh aimsire agus cinn iomaíocha do thosaitheoirí trí lúthchleasaithe oilte - ó bhoghdóireacht go sléibhteoireacht agus snámh agus yoga – agus go leor eile nach iad.

Mar chuid den chlár forbartha spóirt cuirfimid traenáil ar fáil d'aon duine ar suim leo forbairt a dhéanamh ar a gcuid scileanna mar riarthóir clubanna, le cuidiú leat a bheith rannpháirteach i riaradh do chlub. Tugaimid tacaíocht freisin do chlár éagsúla a chuidíonn le mic léinn oiliúint a fháil mar chóitseálaithe sa spórt is ansa leo.

Tá Institiúid Teicneolaíochta Bhaile Átha Cliath tiomanta an scoth a bhaint amach i ngach gné dá gcuid oibre: cuidíonn an tSeirbhís Spóirt agus Caitheamh Aimsire leis an bhfís sin a bhaint amach trí shaoráidí agus sheirbhísí spóirt a chur ar fáil ar ardchaighdeán ag Club Fit2Go.

# FIT2GO Club

‘Whether you are interested in a leisurely swim or a more strenuous workout.....the Fit2Go Club facilities provide the perfect setting.’

- Fit2Go Club facilities are located on DIT Granegorman, Kevin Street and Bolton Street College Campuses and include:
- A ‘state of the art’ fitness area with world class techno-gym equipment at Kevin Street and Bolton Street Campus and a 18m four-lane swimming pool and multi-activity sports hall at Kevin Street Campus.
- You can access the Fit2Go Club as a member or ‘pay as you go’ through the purchase of a visit card.
- A range of student membership packages tailored to your individual need can either be purchased on line at [www.ditsports.ie](http://www.ditsports.ie) or at the Fit2Go Club facilities;
- ‘All-Inclusive’ Membership – Unlimited access to all facilities and free access to all classes.
- ‘Pool-Only’ Membership – 18m four-lane swimming pool along with free entry into aqua fit classes.
- ‘Fitness’ Membership – Unlimited access into all classes, aerobics, step, circuit training, bootcamp, bodytone, yoga and kickbox.

## Sports Scholarships

The DIT Sport Scholarship Programme supports high performance sports men and women who have the talent and dedication to combine an academic course with excellence in sport. It affords talented young people the opportunity to pursue their sporting ambitions and to reach their full potential whilst obtaining a third level qualification at the Institute. The individual is encouraged through careful balancing of time to ensure that academic or sporting interests are not compromised.

Scholarships are awarded at an Elite or Developmental level, and up to a maximum of €3,000 in monetary value and additional support services. The Sport Scholarship Package includes:

- Financial assistance to underpin training and international and national competition expenses
- Free membership to the Fit2Go Club
- Access to Sport Scholarship Support Programme
- DIT branded sportswear

## GAA Development Officer

DIT GAA Club is the biggest club on campus with over 400 active members. If you are coming to college for the first time and have played Gaelic Games before or would like to get involved on the administration or social side of the sports be sure to sign up. It’s a great way of making friends, getting to the best socials, an opportunity to play at a high level, and get the best gear in the college!

Each section of the club is run by student officers, from Chairperson to Secretary, who benefit from our Club Officer Training. DIT Gaelic Games Clubs are represented at Inter Varsity Tournaments from Fresher’s Competitions right up to Ashbourne, Lynch, Fitzgibbon and Sigerson cups. The five codes which are represented are Camogie, Men’s Gaelic Football, Handball, Hurling and Ladies Football. Our

# Club FIT2GO

‘Más snámh ar do shó atá uait nó aclaíocht dhian .... is é Club Fit2Go an áit duit’

- Tá saoráidí Chlub Fit2Go suite ar Champais na hInstitiúide ar Gráinseach Ghormáin, Shráid Chaoimhín agus ar Shráid Bolton:
- Tá scotháit aclaíochta ina bhfuil trealamh teicneo-gym den chéad ghrád ar Champas Shráid Chaoimhín agus Shráid Bolton agus tá linn snámha 18m ceithre lána agus halla spóirt ilghníomhaíochtaí ar Champas Shráid Chaoimhín.
- Is féidir leat dul isteach i gClub Fit2Go mar bhall nó ‘íoc do bhealach’ ach cárta cuairte a cheannach.
- Is féidir raon de phacáistí ballraíochta mac léinn a oirfidh duit féin a cheannach ar líne ag [www.ditsports.ie](http://www.ditsports.ie) nó ag saoráidí Chlub Fit2Go:
- ‘Ballraíocht iomlán’ – Teacht gan teorainn ar gach saoráid agus gach rang saor in aisce.
- ‘Ballraíocht don Linn Snámha amháin’ – linn snámha 18m ceithre lána agus ranganna aclaíochta uisce saor in aisce.
- ‘Ballraíocht Aclaíochta’ – Cead isteach gan teorainn chuig ranganna, aeróbachaigh, oiliúint steip, ciorcaid, bútcampa, corptón, yoga agus cidhornaíochtaí.

## Scoláireachtaí Spóirt

Tacaíonn Clár Scoláireachtaí Spóirt DIT le fir agus mná spóirt ar ardleibhéal a bhfuil an tallann agus an dúthracht acu, cúrsa acadúil a leanúint i gcomhar le bheith den scoth ag spórt. Tugtar an deis do dhaoine óga a bhfuil tallann acu a gcuid uailmhianta spóirt a bhaint amach; a lánchumas a bhaint amach agus cáilíocht tríú leibhéal a bhaint amach san Institiúid. Tugtar spreagadh don duine a bhíonn i gceist, trí chóimheá cúramach ar a gcuid ama a chinntiú le nach gcuireann an spórt agus an taobh acadúil isteach ar a chéile.

Bronntar scoláireachtaí ag leibhéal Elite nó Forbairt, suas go €3,000 in airgead agus seirbhísí tacaíochta eile. Áirítear sa Phacáiste Scoláireachta Spóirt:

- Cúnamh airgeadais le cúnamh a thabhairt le costais oiliúna agus comórtais náisiúnta agus idirnáisiúnta
- Ballraíocht saor in aisce sa Chlub Fit2Go
- Cead isteach sa Chlár Tacaíochta Scoláireachta Spóirt
- Éide spóirt brandáilte DIT

## Oifigeach Forbartha CLG

Is é Club CLG na hInstitiúide an club is mó ar an gcampas le breis is 400 ball gníomhach ann. Má tá tú ag teacht chuig an gcoláiste den chéad uair agus má d’imir tú Cluichí Gaelacha cheana nó gur mhaith leat a bheith páirteach ar an taobh riaracháin nó sóisialta den spórt, déan cinnte go gcuirfidh tú d’ainm síos. Bealach iontach é le cairde a dhéanamh, le dul chuig na chuichí is fearr, deis é imirt ar na leibhéil is airde agus an gear is fearr sa choláiste a fháil freisin!.

Is oifigigh as na mic léinn a ritheann gach cuid den chlub ó Chathaoirleach go Rúnaí agus bíonn cúnamh acu ó Oiliúint Oifigeach Clubanna. Imríonn Clubanna Cluichí Gaelacha ITBÁC ag Comórtais Idir Ollscoileanna, ó Chomórtais Freshers go leibhéal choirn Ashbourne, Lynch, Fitzgibbon agus Sigerson. Is iad na cúig



Handball club is one of the top college clubs in the country. Catering for males and females, singles and doubles, the club annually makes a trip to the United States to compete. DIT GAA club caters for players right across the board from beginner to elite, with a focus on participation as well as competition. Whichever GAA sport you prefer, whether you are a Club minor or a Senior Inter county player, and even if you've never played the game before, we have a team and a place for you.

#### Contact:

DIT GAA Development Officer  
Darragh Biddlecombe  
DIT Bolton Street  
M: 087-2245508  
E: dbiddlecombe@dit.ie

For more information on our Sports Programme & Activities please visit our website at [www.ditsports.ie](http://www.ditsports.ie) or contact the team;

Head of Sport  
Sinéad McNulty  
DIT Grangegorman  
T: 01 4023042  
E: headofsport@dit.ie

DIT Sports Officer (Facilities, Operations, Development)  
Niamh O'Callaghan  
DIT Aungier Street  
T: 01 4023042  
M: 087-5298584  
E: niamh.ocallaghan@dit.ie

DIT Sports Officer  
(Administration, Marketing, Promotion)  
Caragh O'Buachalla  
DIT Cathal Brugha Street  
T: 01 4024341  
M: 087-2933442  
E: caragh.obuachalla@dit.ie

DIT Sports Officer (Clubs, Funding, Development)  
Herbie McClelland  
DIT Aungier Street  
T: 01 4023042  
M: 087-2245507  
E: herbie.mcclelland@dit.ie

chluiche a imrítear Camógaíocht, Peil na bhFear, Liathróid Láimhe, Iomáint agus Peil na mBan. Tá an club liathróid láimhe atá againn ar cheann de na cinn is fearr sa tír. Bíonn fir agus mná, singil agus dúbailtí ann agus téann an club go dtí na Stát Aontaithe gach bliain le bheith páirteach i gcomórtais. Déanann club CLG ITBÁC freastal ar gach imreoir ón tosaitheoir go dtí an scoth imreoir, agus bíonn béim ar an rannpháirtíocht chomh maith leis an mbua a bhaint amach. Cibé spórt de chuid CLG is fearr leat, cibé an mionúr, Club nó imreoir Contae sinsearach tú nó go deimhin murar imir tú riamh cheana, beidh foireann is áit againn duit.

#### Teagmháil:

Oifigeach Forbartha CLG, ITBÁC  
Darragh Biddlecombe  
ITBÁC, Sráid Bolton  
FP: 087-2245508  
RP: dbiddlecombe@dit.ie

Tuilleadh eolais faoinár gClár agus Gníomhaíochtaí Spóirt ag [www.ditsports.ie](http://www.ditsports.ie) nó déan teagmháil leis an bhfoireann:

Ceann Spóirt  
Sinéad McNulty  
ITBÁC, Gráinseach Ghormáin  
T: 01 4023042  
RP: headofsport@dit.ie

Oifigeach Spóirt ITBÁC (Saoráidí, Oibríochtaí, Forbairt)  
Niamh O'Callaghan  
ITBÁC, Sráid Aungier  
T: 01 4023042  
FP: 087-5298584  
RP: niamh.ocallaghan@dit.ie

Oifigeach Spóirt ITBÁC  
(Riarachán, Margú, Cur chun Cinn)  
Caragh O'Buachalla  
ITBÁC, Sráid Chathail Brugha  
T: 01 4024341  
FP: 087-2933442  
RP: caragh.obuachalla@dit.ie

Oifigeach Spóirt ITBÁC  
(Clubanna, Maoiniú, Forbairt)  
Herbie McClelland  
ITBÁC, Sráid Aungier  
T: 01 4023042  
FP: 087-2245507  
RP: herbie.mcclelland@dit.ie



### Cultural and Social

Non-sporting activities are also fully catered for in DIT. Each campus has a Cultural and Social Council which organises a wide variety of clubs and societies, many of which are related to specific programmes and provide an extra dimension to the academic content of these programmes. In addition, the DIT Cultural and Social Committee, which comprises representatives of all the centres, organises clubs and activities which are open to all DIT students.

### DIT Students' Union

All registered students are automatically members of DIT Students' Union (DITSU) which aims to represent and defend its student members and their interests at local, national and international levels on matters primarily relating to their education and welfare and to protect and further their rights as citizens. It promotes Clubs, Societies and other non-academic activities and provides a range of services for its members. DIT Students' Union works with the college authorities on the various DIT Committees covering all aspects of college life from DIT governance, to academic issues, to social & cultural activities. DIT Students' Union elected officers and staff regularly liaise with DIT personnel on specific issues. For further information, check out: [www.ditsu.ie](http://www.ditsu.ie) or drop into any DIT Students' Union Office.

### Cultúrtha agus Sóisialta

Déantar freastal san Institiúid ar go leor gníomhaíochtaí sóisialta agus cultúrtha. Tá Comhairle Cultúrtha agus Sóisialta ag gach campas a eagraíonn go leor clubanna agus cumainn, roinnt mhaith acu a bhfuil baint díreach acu le cláir ar léith agus a chuireann gnéithe breise ar fáil d'ábhar acadúil na gcláir sin. Chomh maith le sin, eagraíonn an Chomhairle Cultúrtha agus Sóisialta, ar a bhfuil ballraíocht ó na hionaid uilig, clubanna agus imeachtaí a bhfuil ar oscailt do mhic léinn na hInstitiúide go léir.

### Aontas na Mac Léinn, ITBÁC

Nuair a chláraíonn mic léinn le ITBÁC, faigheann siad ballraíocht go huathoibríoch le hAontas na Mac Léinn. Déanann Aontas na Mac Léinn ionadaíocht ar son mic léinn agus cosaint ar chearta na mac léinn ag leibhéal áitiúil, náisiúnta agus idirnáisiúnta ar réimse ábhair, go háirithe ábhair ag baint le hoideachais, chomh maith le leasa, cosaint agus cur lena gcearta mar shaoránaigh. Cuireann an tAontas clubanna, cumainn agus gníomhaíochtaí neamh acadúla chun cinn agus cuireann siad réimse fairsing seirbhísí ar fáil dá mbaill. Comhoibríonn Aontas na Mac Léinn le húdaráis na hInstitiúide ar choistí éagsúil a chlúdaíonn gach gné de shaol an choláiste - ó rialú na hInstitiúide go ceisteanna acadúla agus gníomhaíochtaí sóisialta agus cultúrtha. Bíonn plé rialta ag baili tofa agus foireann an Aontais le foireann na hInstitiúide mar gheall ar ghnéithe éagsúla. Chun a thuilleadh eolais a fháil ar Aontas na Mac Léinn, ITBÁC, téigh chuig: [www.ditsu.ie](http://www.ditsu.ie) nó buail isteach aon uair chuig oifig an Aontais.



# Information on Eligibility & Selection

To be eligible for consideration for a programme an applicant must possess the minimum entry requirements for that programme.

Where a programme requirement is 2 or 3 honours, grade H5 or better on Higher Level Leaving Certificate papers is needed to meet such a requirement.

Where a specific grade is required in a subject (H4, O3 etc) an applicant must achieve that grade or better in order to be eligible for consideration (H = Higher Level; O = Ordinary Level).

In the case of both Higher and Ordinary Level Leaving Certificate results, grades lower than H7 (Higher) or O6 (Ordinary) are not acceptable for eligibility purposes or for points calculation.

For the purpose of meeting minimum entry requirements, results from any number of sittings of the Irish Leaving Certificate Examination may be combined.

An applicant's examination score will be calculated by adding together the points scored in the best six subjects in a single sitting of the Irish Leaving Certificate Examination.

Matriculation Examinations will not be accepted either for the purpose of meeting minimum entry requirements or for calculating examination scores.

Selection for entry to DIT programmes will be determined on the basis of examination score except in the case of programmes which involve suitability tests, interviews and other assessment procedures. All suitability tests/interviews/auditions/portfolio reviews etc will generally be carried out during the period March - May each year.

Demand usually exceeds the number of places available and therefore examination results better than the minimum entry requirement are likely to be required.

When a number of applicants have the same points score, a random number is attached to the score for each course preference. This will then determine the position of each applicant on the waiting lists for offers.

## Foundation Level Mathematics

The Institute will accept Foundation Level Mathematics for the purposes of entry requirements in the case of any programme where Higher or Ordinary Level Mathematics is not a requirement. Points will not be awarded.

## Foundation Level Irish

The Institute will not consider Foundation Level Irish for the purposes of entry requirements or for points.

## Leaving Certificate Applied Programme

The Leaving Cert Applied Programme will not meet minimum entry requirements and will not be awarded points.

# Eolas maidir le Cáilitheacht & Roghnúchán

Is gá do gach iarratasóir na bunriachtanas a bheith aige do pé clár a bhfuil sé i gceist aige cur isteach air le go dtabharfaí a iarratas san áireamh.

Áit a bhfuil 2 nó 3 onóir mar bhunriachtanais an chlár, is gá grad H5 nó níos airde ag an Ardleibhéal ar pháipéar na hArdteiste a bhaint amach leis an riachtanas sin a chomhlíonadh.

Áit a bhfuil grád áirithe ag teastáil in ábhar áirithe (H4, O3 agus eile) is gá go mbainfeadh an t-iarratasóir an grád sin nó grad níos airde amach le go dtabharfaí a iarratas san áireamh (H = Ardleibhéal; O = Gnáthleibhéal).

I gcás torthaí Ardeistiméireachta ag an Ardleibhéal nó Gnáthleibhéal, ní ghlacfar le gráid níos ísle ná H7 (Ardleibhéal) nó O6 (Gnáthleibhéal) ar mhaithe le cúrsaí cáilitheachta nó le pointí a áireamh.

Is féidir na torthaí ó níos mó ná suí amháin den Ardeist a thabhairt san áireamh le go gcomhlíonfar na bunriachtanais iontrála.

Déanfar scór scrúdaithe an iarratasóra a ríomh trí na pointí ó na sé ábhar is fearr aige in aon suí amháin don Ardeist a thabhairt san áireamh.

Ní ghlacfar le Scrúduithe Máithreánacha le bunriachtanais a chomhlíonadh nó scór scrúdaithe a ríomh.

Déanfar iarratais ar iontráil go cláir ITBÁC a mheas ar scór scrúdaithe, ach amháin i gcás na gcláir siúd a bhfuil scrúduithe oiriúnachta, agallaimh agus córais eile measúnachta ag dul leo. Cuirtear tástálacha oiriúnachta/agallaimh/trialacha/léirmheasanna ar phunainn srl. ar siúl go hiondúil sa tréimhse idir mí an Mhárta - Bealtaine gach bliain.

Bíonn tóir ar áiteanna ar na cláir éagsúla, mar sin ní móide ná go mbeidh torthaí níos airde ná na bunriachtanais ag teastáil le háit a bhaint amach ar an gclár.

Nuair atá an scór céanna pointí ag beirt iarratasóir nó níos mó, cuirtear uimhir randamach lena scór do gach cúrsa atá roghnaithe acu. Is mar seo a shocrófar ord na hiarrthóirí ar na liostaí feithimh do thairiscintí.

## Matamaitic ag an mBonnleibhéal

Glacfaidh an Institiúid le Matamaitic ag an mBonnleibhéal mar riachtanas iontrála i gcás nach bhfuil Matamaitic ag an nGnáthleibhéal nó ag an Ardleibhéal ag teastáil mar riachtanas iontrála. Ní bhronnfar pointí air.

## Gaeilge ag an mBonnleibhéal

Ní ghlacfaidh an Institiúid le Gaeilge ag an mBonnleibhéal mar riachtanas iontrála nó ní bhronnfar pointí air.

## An Ardeistiméireacht Fheidhmeach

Ní ghlacfar leis an Ardeistiméireacht Fheidhmeach do riachtanais iontrála agus ní bhronnfar pointí air.



# Submission of Portfolios

Art & Design Portfolio Clinics will take place in DIT Grangegorman on Thursday 23rd of November 2017 and Thursday 8th of February 2018. To secure a place, please email [creativearts@dit.ie](mailto:creativearts@dit.ie) to request a time slot.

Applicants for programmes DT544 (Interior Design), DT545 (Design – Visual Communication), DT546 (Fine Art), DT559 (Photography) and DT598 (Visual Merchandising & Display) must submit a portfolio of work to DIT Grangegorman, Dublin 7 on either Monday 5th or Tuesday 6th March 2018 from 9:30am to 4:30pm each day. The collection date will be Friday 9th March.

## Programmes - DT544 | DT545 | DT546 | DT598

The portfolio is used to review the applicant's potential to benefit from and contribute to the programme(s) chosen with regard to the following evaluation criteria:

- Evidence of Drawing ability should be demonstrated through:**
  - Examples of freehand, observation and/or technical drawing
  - Use of colour and texture
  - Variety of subject and media
- Evidence of Practical ability should be demonstrated through:**
  - Skills in visualisation (3D and 2D)
  - Quality of presentation
  - Control over media
- Evidence of Conceptual ability should be demonstrated through:**
  - Investigation
  - Idea generation
  - Imagination and creativity

The maximum portfolio score is 600 points. Applicants must obtain a minimum score of 200 points to be considered for DT544 (Interior Design), DT545 (Design – Visual Communication) and DT546 (Fine Art).

The portfolio should contain no more than 20 pieces of work made by the applicant in a range of media. This might include paintings, drawings, sketches, note books, sketch books, collages, photographs and computer outputs (do not submit CDs, or zips). Submit only photographs of 3-dimensional or delicate work. Do not submit work that has been framed or mounted behind glass.

Please arrange the contents in an orderly and accessible manner in a secure folder. While all care will be taken, the school cannot be held responsible for damage or loss of work during the review process or for portfolios not collected by the due date.

Failure to submit a portfolio will render an applicant ineligible for any of the above programmes. Portfolios received after the above submission dates will not be reviewed.

Portfolios should be securely bound and clearly identified with name, address and CAO number.

The decision of the review panels will be final.

# Iarratais le Cumhdaigh Ealaíontóirí

Reáchtálfar Clinicí Punann don Ealaín agus Dearadh in ITBÁC Ghráinseach Ghormáin ar an Déardaoin, an 23 Samhain 2017 agus ar an Déardaoin, an 8 Feabhra 2018. Chun áit a chinntiú ann seol ríomhphost chuig [creativearts@dit.ie](mailto:creativearts@dit.ie) chun am sa sceideal a chur in áirithe.

Ní mór d'iarratasóirí i leith na gclár DT544 (Dearadh Intí), DT545 (Dearadh-Cumarsáid Amhairc), DT546 (Mínealaín), DT559 (Grianghrafadóireacht) agus DT598 (Amharcmharsantú & Taispeántas) punann oibre a chur isteach chuig ITBÁC Ghráinseach Ghormáin, Baile Átha Cliath, ar an Luan, an 5 nó ar an Máirt, an 6 Márta 2018, idir 9:30am agus 4:30pm gach lá. Beidh na punainn le bailiú ar an Aoine, an 9 Márta.

## Cláir - DT544 | DT545 | DT546 | DT598

Baintear úsáid as an bpunann chun measúnú a dhéanamh ar chumas an iarratasóra chun tairbhe a bhaint as agus chun cur leis an gclár (na cláir) atá roghnaithe faoi na critéir mheastóireachta seo leanas:

- Ba chóir fianaise faoi chumas líníochta a thaispeáint trí:**
  - Samplaí de shaorlíníocht, breithnithe agus/nó líníocht theicniúil
  - Úsáid dathanna agus uigeachta
  - Éagsúlacht ábhar agus meán
- Ba chóir fianaise faoi chumas praiticiúil a thaispeáint trí:**
  - Scileanna sa léirshamlú (3T agus 2T)
  - Caighdeán an léirithe
  - Máistreacht ar mheáin
- Ba chóir fianaise faoi chumas coincheapúil a thaispeáint trí:**
  - Imscrúdú
  - Giniúint smaointe
  - Samhlaíocht agus cruthaitheacht

Is é an líon is mó pointí le haghaidh punainne ná 600. Ní mór d'iarratasóirí 200 pointe ar a laghad a fháil chun go ndéanfaí machnamh fúthu le haghaidh DT544 (Dearadh Intí), DT545 (Dearadh – Cumarsáid Amhairc) agus DT546 (Mínealaín).

Níor chóir go mbeadh níos mó ná 20 píosa oibre déanta ag an iarratasóir, i réimse meán, sa phunann. Is féidir go mbeadh píosaí péintéireachta, líníochta, sceitsí, leabhair nótaí, leabhair sceitsí, colláisí, grianghraif agus aschur ríomhaireachta ann (ná cuir isteach CDanna ná zipeanna). Ná cuir isteach ach grianghraif d'obair 3T nó d'obair atá sobhráiste. Ná cuir isteach obair atá i bhfráma ná feistithe ar chúl gloine.

Bíodh a bhfuil istigh ann eagraithe ar bhealach ordúil agus so-aimsithe i bhfillteán atá láidir agus slán, le do thoil. Cé go gcaithfear go cúramach ar gach bealach leis an obair ní bheidh aon fhreagracht ar an scoil i leith damáiste ná caillteanais a tharlaíonn le linn an phróisis measúnaithe ná i leith punann nach mbailítear ar an dáta cuí.

Beidh sé mar thoradh ar gan punann a chur isteach nach mbeidh an t-iarratasóir sin incháilithe le haghaidh aon cheann de na cláir thuas. Ní dhéanfar measúnú ar phunainn a fhaightear i ndiaidh na spriocdhátaí thuas.

Ba chóir go mbeadh punainn dúnta go daingean agus inaitheanta, le Ainm, Seoladh agus Uimhir CAO (Lár-Oifig Iontrála) go soiléir orthu. Ní bheidh aon dul thar cinneadh na bpainéal measúnaithe.



### Programme - DT559

The portfolio is used to review the applicant's potential to benefit from and contribute to the programme chosen with regard to the following evaluation criteria:

**1. Evidence of ability to communicate ideas in single images, series, or completed projects will be illustrated through:**

- Ability to juxtapose elements within image(s) to generate meaning
- Ability to articulate ideas clearly and effectively throughout portfolio
- Treatment of subject, media and control of context

**2. Evidence of technical & practical ability will be illustrated through:**

- Project realisation and application of technologies
- Quality presentation
- Control of media

**3. Evidence of creative ability will be illustrated through:**

- Experimentation with technique(s)
- Innovative and creative use of media
- Composition, form, layout & presentation

The maximum portfolio score is 600 points. Applicants must obtain a minimum score of 300 points to be considered for DT559 (Photography).

Your photographic portfolio should consist of 15-20 images and should be no larger than A1 in size. The portfolio should be well presented and organized, with the images sequenced from beginning to end in a considered manner. A printed sheet at either the front or the back of the portfolio should provide image titles and contextual information if appropriate.

Any images completed for art and/or design projects that further demonstrate your interest in image making may also be included. Workbooks or journals that inform the portfolio may be submitted.

Please arrange the contents in an orderly and accessible manner in a secure folder. While all care will be taken, the school cannot be held responsible for damage or loss of work during the review process or for portfolios not collected by the due date.

Failure to submit a portfolio will render an applicant ineligible for the above programme. Portfolios received after the above submission date will not be reviewed.

Portfolios should be securely bound and clearly identified with name, address and CAO number.

The decision of the review panels will be final.

### Maximum & Minimum Scores:

Programmes	Maximum Score	Minimum Score
DT544, DT545, DT546	600 points	200 points
DT559	600 points	300 points
DT598	600 points	None

### Mature Applicants:

Mature or international candidates who are short-listed may also be interviewed. Applicants with an equivalent qualification or significant appropriate experience will also be considered and interviewed. The decision of the review panels will be final.

### Clár - DT559

Baintear úsáid as an bpunann chun measúnú a dhéanamh ar chumas an iarratasóra chun tairbhe a bhaint as agus chun cur leis an gclár atá roghnaithe faoi na critéir mheastóireachta seo leanas:

**1. Léireofar fianaise faoi chumas chun smaointe a chur in iúl in íomhánna aonair, i sraitheanna, nó i dtionscadail chríochnaithe trí:**

- An cumas le heilimintí laistigh d'íomhá(íomhánna) a neas-suí chun míniú a ghiniúint
- An cumas le smaointe a chur in iúl go soiléir agus go héifeachtúil síos tríd punainne.
- Láimhseáil ábhar, meán agus máistreacht ar chomhthéacs

**2. Léireofar fianaise faoi chumas teicniúil agus praiticiúil trí:**

- Réadú tionscadal agus feidhm a bhaint as teicneolaíochtaí
- Cur i láthair ar ardchaighdeán
- Máistreacht ar mheáin

**3. Léireofar fianaise faoi chumas cruthaitheachta trí:**

- Tástáil le teicníc(i)
- Úsáid nuálach agus chruthaitheach de mheáin
- Comhdhéanamh, foirm, leagan amach & cur i láthair

Is é an líon is mó pointí le haghaidh punainne ná 600. Ní mór d'iarratasóirí 300 pointe ar a laghad a fháil chun go ndéanfaí machnamh fúthu le haghaidh DT559 (Grianghrafadóireacht).

Ba chóir go mbeadh idir 15 agus 20 íomhá i do phunann ghrianghrafach agus é ar méid nach mó ná A1. Ba chóir go mbeadh an phunann curtha i láthair agus eagraithe go maith leis na híomhánna curtha in ord ó thús go deireadh ar bhealach tomhaiste. Ba chóir go dtabharfadh bileog chlóite ag tús nó ag deireadh na punainne teidil na n-íomhánna agus eolas comhthéacsúil má fheileann.

Is féidir aon íomhánna a rinneadh le haghaidh tionscadal ealaíne agus/nó deartha, a thugann breis léiriú ar an tsuim atá agat i ndéanamh íomhánna a chur isteach, chomh maith. Is féidir leabhair oibre nó dialanna a thugann breis eolais faoin bpunann a chur isteach.

Bíodh a bhfuil istigh ann eagraithe ar bhealach ordúil agus so-aimsithe i bhfillteán atá láidir agus slán, le do thoil. Cé go gcaithfear go cúramach ar gach bealach leis an obair ní bheidh aon fhreagracht ar an scoil i leith damáiste ná cailleanais a tharlaíonn le linn an phróisis measúnaithe ná i leith punann nach mbailítear ar an dáta cuí.

Beidh sé mar thoradh ar gan punann a chur isteach nach mbeidh an t-iarratasóir sin incháilithe le haghaidh an chlár thuas. Ní dhéanfar measúnú ar phunainn a fhaightear i ndiaidh an spriocdháta thuas.

Ba chóir go mbeadh punainn dúnta go daingean agus inaitheanta, le Ainm, Seoladh agus Uimhir CAO (Lár-Oifig Iontrála) go soiléir orthu. Ní bheidh aon dul thar cinneadh na bpainéal measúnaithe.

### Uas-Scóir & Íos-Scóir:

Clár	Uas-Scór	Íos-Scór
DT544, DT545, DT546	600 points	200 points
DT559	600 points	300 points
DT598	600 points	None

### Iarratasóirí Lánfhasta:

Is féidir go gcuirfí agallamh ar iarratasóirí lánfhasta nó ar iarratasóirí idirnáisiúnta a bhíonn ar ghearrliosta. Déanfar machnamh faoi agus cuirfear faoi agallamh iarratasóirí le cáilíocht choibhéiseach nó a bhfuil cleachtadh oibre suntasach iomchuí acu.

Ní bheidh aon dul thar cinneadh na bpainéal measúnaithe.

# Suitability Test / Portfolio / Audition / Interview Scores

Applicants for programme DT101 (Architecture) may be required to sit a suitability test which will be used to determine which applicants are called to interview. You will be informed of the day on which you need to attend in advance.

Applicants for programmes DT544 (Interior Design), DT545 (Design – Visual Communication), DT546 (Fine Art), DT559 (Photography) and DT598 (Visual Merchandising & Display) must submit a portfolio of work to DIT Grangegorman, Dublin 7 on either Monday 5th or Tuesday 6th March 2018 from 9:30am to 4:30pm each day. The collection date will be Friday 9th March.

All applicants for programmes DT501 (Music), DT506 (Commercial Modern Music) and DT529 (Drama) are required to attend an audition/interview. You will be informed of the day on which you need to attend in advance.

Failure to submit a portfolio or to attend a test/audition/interview or failure to meet the required standard will result in an application for the programme involved lapsing and the candidate not being considered further for the programme in question. All assessments will generally take place during the period March - May each year.

Precise information on dates and times of when to submit a portfolio or to attend a test/audition/interview will be notified directly to each applicant. Due to the large number of applicants and the difficulties in scheduling, applicants should be prepared to attend for assessments at short notice. The Institute cannot make special arrangements for those who do not respond to, or are not available to deal with correspondence in respect of portfolios / tests / auditions or interviews.

## ASSESSMENTS

This table shows the maximum points allocated for assessment procedures. The points achieved by applicants who are successful in any of these assessments will be added to their Leaving Certificate points score where relevant.

Code	Suitability Test	Interview	Portfolio Review	Audition/Interview
DT101	100	100		
DT544			600	
DT545			600	
DT546			600	
DT559			600	
DT598			600	
DT501				100
DT506				600
DT529				100

# Tástáil Oiriúnachta / Punann / Triail / Scóir Agallamh

Tharlódh sé go mbeidh ar iarratasóirí i leith an chlár DT101 (Ailtireacht) tástáil oiriúnachta a dhéanamh a úsáidfear chun cinneadh a dhéanamh faoi na hiarratasóirí a nglaofar chuig agallamh. Cuirfear in iúl duit roimh ré an lá nach mór duit a bheith i láthair.

Ní mór d'iarratasóirí i leith na gclár DT544 (Dearadh Intí), DT545 (Dearadh – Cumarsáid Amhairc), DT546 (Mínealain), DT559 (Grianghrafadóireacht) agus DT598 (Amharcmharsantú & Taispeántas) punann oibre a chur isteach chuig ITBÁC Ghráinseach Ghormáin, Baile Átha Cliath, ar an Luan, an 5 nó ar an Máirt, an 6 Márta 2018, idir 9:30am agus 4:30pm gach lá. Beidh na punainn le bailiú ar an Aoine, an 9 Márta.

Ní mór d'iarratasóirí i leith na gclár DT501 (Ceol), DT506 (Nuacheol Tráchtála) agus DT529 (Drámaíocht) teacht chuig triail/agallamh. Cuirfear in iúl duit roimh ré an lá nach mór duit teacht i láthair.

Beidh sé mar thoradh ar gan punann a chur isteach, nó gan teacht chuig tástáil/triail/agallamh nó gan an caighdeán riachtanach a bhaint amach, go dtiocfaidh an t-iarratas ar an gclár áirithe sin i léig agus nach gcuirfear an t-iarratasóir san áireamh feasta don chlár sin. Déantar na measúnuithe a chur ar siúl go hiondúil sa tréimhse idir mí an Mhárta – Bealtaine gach bliain.

Cuirfear eolas beacht faoi dhátaí agus amanna le punann a chur isteach nó le teacht chuig tástáil/triail/agallamh in iúl go díreach do gach iarratasóir. Mar gheall ar líon mór na n-iarratas agus deacrachtaí sceidealaithe ní mór go mbeadh iarratasóirí ar fáil chun teacht le haghaidh measúnuithe faoi ghearrfhógra. Ní féidir leis an Institiúid socruithe speisialta a dhéanamh dóibh sin nach bhfreagraíonn, nó nach bhfuil ar fáil chun déileáil le comhfhreagras maidir le punainn /tástálacha/triailacha nó agallaimh.

**MEASÚNUITHE** Léiríonn an tábla seo na huasmhéid pointí a leithdháiltear i leith nósanna imeachta measúnaithe. Cuirfear na pointí a bhaineann iarratasóirí rathúla amach in aon cheann de na measúnuithe seo leis na pointí a bhaineann siad amach san Ardteistiméireacht nuair is iomchuí.

Cód	Tástáil Oiriúnachta	Agallamh	Athbhreithniú Punainne	Triail / Agallamh
DT101	100	100		
DT544			600	
DT545			600	
DT546			600	
DT559			600	
DT598			600	
DT501				100
DT506				600
DT529				100

Cumas sa Bhéarla

## English Language Ability

If English is not your first language, you will have to be able to read and write English to a certain level in order to apply to DIT.

Applicants whose first language is not English may be required to provide evidence of English language proficiency. The following English language proficiency tests and results are acceptable for most programmes.

In addition, applicants must meet the other DIT specific requirements for the particular programme(s) applied for (Maths, Science etc). See individual programmes of study.

Qualifications	Minimum Level Required (Some programmes may require a higher score)
ETAPP	C1 (or higher)
GCE O Level English	Grade C
GCSE English	Grade C
IELTS	6.0
Irish Leaving Certificate Ordinary Level	OD3 or O6/H7
NEAB Test in English	Pass
Norwegian Vitnemål	Grade Average 4
Pearson PTE Academic	62
TOEFL	Computer Based Test (DIT Code 0281) 213
TOEFL	Paper Based Test (DIT Code 0281) 550
TOEFL	Internet Based Test 92
Cambridge English Language Examinations:	180+ on Cambridge English scale with no less than 175 in each skill and use of English i.e.
Cambridge Certificate of Proficiency in English (CPE)	Grade C (CEFR Level C1 or C2)
Cambridge Certificate in Advanced English (CAE)	Grade C (CEFR Level C1 or C2)
Cambridge First Certificate in English (FCE)	Grade A (CEFR Level C1)

### Programmes that require a higher level of English proficiency:

DT204 DT206	Applicants must have at least 6.0 in every component and you must have at least 6.5 overall score in IELTS (Academic version)
DT223 DT225	Applicants must have at least 6.5 overall score in IELTS (Academic version)
DT224	Applicants must have 6.5 in each component in the IELTS (Academic version)
DT321	Applicants must have 7.0 overall score in IELTS or 700 on TOEFL
DT341 DT344 DT365 DT349 DT346 DT548	Applicants must present a minimum IELTS (Academic version) English Proficiency score of 6.5 or equivalent
DT504 DT517 DT582	Applicants must present a minimum 7.0 overall score in IELTS
DT553 DT574	Applicants must present a minimum IELTS (Academic version) English Proficiency score of 7.5 or equivalent

Más amhlaidh nach é an Béarla do chéad teanga ní mór go mbeadh leibhéal áirithe léitheoireachta agus scríbhneoireachta sa Bhéarla agat chun iarratas a dhéanamh chuig ITBÁC.

Tharlódh sé go mbeidh ar iarratasóirí nach é an Béarla a gcéad teanga fianaise i leith a n-inniúlacht ar an mBéarla a chur ar fáil. Tá na tástálacha inniúlachta agus na torthaí seo leanas i mBéarla inghlactha i leith mórchuid na gclár.

Ina theannta sin ní mór d'iarratasóirí riachtanais shonracha eile ITBÁC a shásamh i leith an chlár(na gclár) áirithe a bhfuil iarratas á dhéanamh ina leith (Mata, Eolaíocht, &rl). Féach cláir staidéir aonair.

Cáilíochtaí	Íosleibhéal Riachtanach (Tharlódh sé go mbeidh scór níos airde riachtanach le haghaidh roinnt clár)
ETAPP	C1 (nó níos airde)
GCE Béarla Leibhéal O	Grád C
GCSE Béarla	Grád C
IELTS	6.0
Ardeistiméireacht na hÉireann Gnáthleibhéal	OD3 nó O6/H7
NEAB Triail sa Bhéarla	Pas
Vitnemal Ioruach	Meánghrád 4
PTE Acadúil Pearson	62
TOEFL	Triail Ríomhbhunaithe (Cód ITBÁC 0281) 213
TOEFL	Triail ar Páipéar (Cód ITBÁC 0281) 550
TOEFL	Triail Idirlínbhunaithe 92
Scrúduithe Béarla Cambridge:	180+ ar scála Béarla Cambridge le scór nach lú ná 175 i ngach scil agus in úsáid an Bhéarla i.e.-
Teastas Inniúlachta Cambridge sa Bhéarla (CPE)	Grád C (CEFR Leibhéal C1 nó C2)
Sainteastas Cambridge sa Bhéarla (CAE)	Grád C (CEFR Leibhéal C1 nó C2)
Céadteastas Cambridge sa Bhéarla (FCE)	Grád A (CEFR Leibhéal C1)

### Cláir a éilíonn leibhéal níos airde inniúlachta sa Bhéarla:

DT204 DT206	Ní mór d'iarratasóirí 6.0 ar a laghad a bheith acu i ngach comhpháirt agus ní mór scór foriomlán 6.5 ar a laghad a bheith agat in IELTS (Leagan Acadúil)
DT223 DT225	Ní mór go mbeadh scór foriomlán 6.5 ar a laghad ag iarratasóirí in IELTS (Leagan Acadúil)
DT224	Ní mór go mbeadh 6.5 ag iarratasóirí i ngach comhpháirt san IELTS (Leagan Acadúil)
DT321	Ní mór go mbeadh scór foriomlán 7.0 ag iarratasóirí in IELTS nó 700 ar TOEFL
DT341 DT344 DT365 DT349 DT346 DT548	Ní mór d'iarratasóirí íos-scór inniúlachta 6.5 sa Bhéarla nó a chomhionann, a chur i láthair
DT504 DT517 DT582	Ní mór d'iarratasóirí íos-scór foriomlán 7.0 in IELTS a chur i láthair.
DT553 DT574	Ní mór d'iarratasóirí íos-scór inniúlachta sa Bhéarla 7.5 in IELTS (Leagan Acadúil) nó a chomhionann, a chur i láthair

Córas Pointí le haghaidh Cláir

## Points System For Programmes

### Irish Leaving Certificate Examination points awarded to each grade

	Higher Level Grade	Points	Ordinary Level Grade	Points
From 2017	H1	100		
	H2	88		
	H3	77		
	H4	66		
	H5	56	O1	56
	H6	46	O2	46
	H7	37	O3	37
	H8	0	O4	28
From 1992 To 2016			O5	20
			O6	12
			O7	0
			O8	0
	Higher Level Grade Points	Grade	Ordinary Level Grade Points	Grade
	100	A1	56	
	88	A2	46	
		B1		
	77	B2	37	
		B3		
	66	C1	28	
		C2		
	56	C3	20	
		D1		
	46	D2	12	
		D3		
	33	E	0	
Before 1992	100	A	56	
	77	B	37	
	66	C	28	
	46	D	12	
	33	E	0	

### Bonus Points Maths

25 bonus points will continue to be awarded for Higher Level Mathematics for H6 grades and above. The bonus points will only be relevant where that subject is scored as one of the applicant's best four subjects for points purposes.

### Leaving Certificate Vocational Programme points awarded to each grade

LCVP Grade	Points
Distinction	66
Merit	46
Pass	28

### GCE/GCSE Examinations - General Entry Requirements

In order to meet the general entry requirements students must meet the following;

#### Level 8 - Honours Degrees

6 subjects with at least 2 A Level Grades at Grade C or higher

#### Level 7/6 - Ordinary Degrees/Higher Certificates

5 subjects at Grade D or higher

- Results from any number of examination sittings may be combined to meet minimum entry requirements
- The same subject may be included only once in any combination of results
- All results must be at Grade D or higher

## Pointí na hArdteistiméireachta a bhronntar ar gach grád

	Grád Ardleibhéil	Pointí	Grád Gnáthleibhéil	Pointí
Ó 2017	H1	100		
	H2	88		
	H3	77		
	H4	66		
	H5	56	O1	56
	H6	46	O2	46
	H7	37	O3	37
	H8	0	O4	28
Ó 1992 GO2016			O5	20
			O6	12
			O7	0
			O8	0
	Pointí Grád Ardleibhéil	Grád	Pointí Grád Gnáthleibhéil	
	100	A1	56	
	88	A2	46	
		B1		
	77	B2	37	
		B3		
	66	C1	28	
		C2		
	56	C3	20	
		D1		
	46	D2	12	
		D3		
	33	E	0	
Roimh1992	100	A	56	
	77	B	37	
	66	C	28	
	46	D	12	
	33	E	0	

### Pointí Bónais don Mhatamaitic

Leanfar ar aghaidh le 25 phointe bónais a bhronnadh ar Mhatamaitic Ardleibhéil le haghaidh na ngrád H6 agus os a chionn. Ní bheidh na pointí bónais ábhartha ach amháin sna cásanna ina bhfuil an t-ábhar sin scóráilte mar cheann de na ceithre ábhar is fearr ag an iarrthóir ó thaobh pointí de.

### Pointí Ghairmchlár na hArdteistiméireachta a bhronntar ar gach grád

LCVP Grád	Pointí
Pas le Gradam	66
Pas le Tuillteanas	46
Pas	28

### Scrúduithe GCE/GCSE - Riachtanais Iontrála Ghinearálta

Ní mór do mhic léinn an méid seo a leanas a bheith bainte amach acu leis na riachtanais iontrála ghinearálta a chomhlíonadh;

#### Leibhéal 8 – Céimeanna Onóracha

6 ábhar le 2 Ghrád A-Leibhéil ag Grád C nó níos airde ar a laghad

#### Leibhéal 7/6 - Gnáthchéimeanna/ Ardteastais

5 ábhar ag Grád D nó níos airde

- Is féidir na torthaí ó níos mó ná suí amháin den scrúdú a thabhairt san áireamh le go gcomhlíonfar na bunriachtanais iontrála.
- Ní féidir an t-ábhar céanna a úsáid ach aon uair amháin i dteaghlaim ar bith de thorthaí.
- Caithfidh na torthaí a bheith ag Grád D nó níos airde.
- Déantar iarrthóirí a scóráil ar bhonn a gceithre A-Leibhéil is



- Applicants are scored on the basis of their best four A levels or three A levels and an AS level in a different subject from the same or preceding year. The maximum number of points that can be achieved is 600.

**Note:** Applicants presenting Grade E or above in one of A-Level Mathematics, Further Mathematics or Pure Mathematics will have 25 points added to their score for that subject. The bonus points will only be relevant where that subject is scored as one of the applicant's best four subjects for points purposes. This gives a maximum possible score of 625.

- In addition, applicants must meet any additional minimum entry requirements of the various programmes

Grade	First 3 A-Levels	4th A-Level	or AS Level
A*	180	60	
A	150	50	30
B	130	45	25
C	100	35	20
D	65	20	15
E	45	15	10

#### Important information for all GCE Applicants

- Evidence of GCSE examinations must be supplied in order to meet minimum entry requirements
- AS Levels must be in different subjects to those taken at A-Level
- When sending documents, certified photocopies of certificates/statements of results produced by an Examining Board must be supplied to CAO well in advance of Round One offers – school transcripts will not be accepted
- Applicants must also advise CAO of any previous AS and A Level awards and provide certified photocopies of certificates/statements of results produced by an examining board to support their application
- CAO advises GCE applicants to discuss their AS Level certification process with their school. AS Level results are frequently cashed in along with A2 Level results in the final year. As a result, candidates often will not have evidence of their AS Level results until the release of their A2 Level results in August. In this instance, CAO will expect to receive electronic notification of the AS Level results provided that the applicant has supplied their correct Board, Centre number and Candidate number for all subjects that will be cashed in
- If a school cashes in AS Level results in the same year as A Level results, applicants must enter the remaining AS Level subject carried forward on their CAO application – applicants must use the space provided for 'Examinations to be taken' in the Qualifications & Assessments section
- CAO must be informed if the candidate sat any AS or A2 Level examinations at a different school

#### International Baccalaureate

**Note:** The following details are for guideline purposes only. The scoring of the International Baccalaureate is still under review for the academic session 2017/2018.

**Pass Mark:** 4 at standard level where OD3 is required.

fearr, nó ar bhonn a dtrí A-Leibhéal is fearr agus Leibhéal AS amháin in ábhar difriúil ón mbliain chéanna nó ón mbliain roimhe sin. Is é 600 uimhir uasta na bpointí gur féidir a bhaint amach.

**Nóta:** Cuirfear 25 phointe le scór na n-iarrthóirí a chuireann Grád E nó os a chionn faoi bhráid na hInstitiúide i gceann de na ábhair seo a leanas – an Mhatamaitic A-Leibhéal, an Mhatamaitic Ardchéime nó an Ghlanmhatamaitic. Ní bheidh na pointí bónais ábhartha ach amháin sna cásanna ina bhfuil an t-ábhar sin scóraithe mar cheann de na ceithre ábhar is fearr ag an iarrthóir ó thaobh pointí de. Is é 625 an scór is airde a d'fhéadfadh a bheith ag iarrthóir.

- Ina theannta sin, is gá d'iarrthóirí aon bhunriachtanais sa bhreis a bhaineann le cláir éagsúla a chomhlíonadh.

Grád	An Chéad 3 A-Leibhéal	4ú A-Leibhéal	nó Leibhéal AS
A*	180	60	
A	150	50	30
B	130	45	25
C	100	35	20
D	65	20	15
E	45	15	10

#### Eolas tábhachtach do na hIarrthóirí GCE uilig

- Caithfear fianaise i leith scrúduithe GCSE a chur ar fáil leis na bunriachtanais iontrála a chomhlíonadh.
- Caithfidh na Leibhéal AS a bheith in ábhair dhifriúla ó na hábhair a thógtar ag A-Leibhéal.
- Nuair atáthar ag seoladh cáipéisí, caithfear a chinntiú go gcuirtear fótachóipeanna de theastais/ráitis torthaí ó Bhord Scrúdúcháin atá deimhnithe ar fáil don Lár-Oifig Iontrála i bhfad roimh thairiscintí Bhabhta a hAon – ní ghlacfar le tras-scríbhinní scoile.
- Anuas air sin, caithfidh iarrthóirí an CAO a chur ar an eolas maidir le dámhachtainí ag Leibhéal AS nó ag A-Leibhéal atá bainte amach acu roimhe seo agus fótachóipeanna de theastais/ráitis torthaí ó Bhord Scrúdúcháin atá deimhnithe a chur ar fáil le tacú lena n-iaratas.
- Molann an CAO d'iarrthóirí GCE a bpróiseas teastasaithe ag Leibhéal AS a phlé lena scoil. Tarraingítear ar thorthaí ag Leibhéal AS go minic i dteannta le torthaí ag Leibhéal A2 sa bhliain dheireanach. Mar thoradh air seo, ní minic a bhíonn fianaise ag iarrthóirí i dtaobh a thorthaí Leibhéal AS go dtí go n-eisítear a thorthaí ag Leibhéal A2 i mí Lúnasa. I gcás mar seo, beidh an CAO ag súil le fógra leictreonach a fháil i ndáil leis na torthaí ag Leibhéal AS ar choinníoll go bhfuil an t-iarrthóir tar éis an t-eolas ceart seo a leanas a thabhairt maidir leis na hábhair a mbeidh siad ag tarraingt orthu – eolas faoin mBord, uimhir an Ionaid agus uimhir an Iarrthóra.
- Má tharraingíonn scoil ar thorthaí ag Leibhéal AS sa bhliain chéanna leis na torthaí A-Leibhéal, ní mór d'iarrthóirí an t-ábhar ag Leibhéal AS atá fagtha agus atá tugtha ar aghaidh acu a scríobh ar a n-iaratas CAO – ní mór d'iarrthóirí úsáid a bhaint as an spás atá curtha ar fáil 'Scrúduithe atá le bheith tógtha' sa rannóg 'Cailíochtaí agus Measúnuithe'.
- Caithfear an CAO a chur ar an eolas má tá iarrthóir tar éis aon scrúdú ag Leibhéal AS nó ag A2 a shuí ag scoil dhifriúil.

#### Baccalaureate Idirnáisiúnta

**Nóta:** Cuirtear na sonraí seo a leanas ar fáil mar threoirilínte go bunúsach. Tá scóráil an Baccalaureate Idirnáisiúnta fós á hathbheirtheithiú don seisiún acadúil 2017/2018.

**Pasmharc:** 4 ag leibhéal caighdeánach áit a bhfuil gá le OD3.

### Minimum Entry Requirements/Matriculation

Proof of English proficiency is required in all cases. There may also be specific subject requirements for courses.

Level 8	3 Honours Requirement	Overall IB Score of 24 which must include 3 Subjects at Grade 5 at Higher Level and 3 Subjects at Grade 4 at Standard Level
	2 Honours Requirement	Overall IB Score of 24 and Award of Diploma
Level 7/6		Overall IB Score of 24 and Award of Diploma

#### Sample Subject Grades:

O6	4 at Standard Level,
H6/O3	4 at Higher Level, 6 at Standard Level
H5	5 at Higher Level
H4	5 at Higher Level
H3	6 at Higher Level
H2	6 at Higher Level

N.B. For Mathematics requirements, Mathematical Studies is NOT acceptable (although it can be used as a subject to meet general matriculation requirements of passes in 6 subjects). Where Mathematical Studies is presented, a Leaving Certificate grade or GCSE may be used to meet specific mathematics requirements for entry (but not as a 6th matric subject).

### Guideline Indicative Equivalence with Irish Leaving Certificate Points

As a guideline it is anticipated that points will be awarded as follows based on the overall IB score assuming sufficient recognised subjects are presented:

IB Score	IPS
45	600
42	560
36	480
30	400
27	360
24	320

IB points ÷ 45 × 600 (N.B. only results taken at a single sitting will be included for scoring).

### Bonus Points for Maths in 2017 (International Baccalaureate)

25 additional points will be awarded for a grade 4 or better on higher level Mathematics ONLY. The bonus points will only be relevant where that subject is scored as one of the applicant's best four subjects for points purposes.

### Recognised School-Leaving Qualification(s) Level 6/7 only

The following qualifications may be recognised for admission to Level 6/7 courses in related areas only. They will be scored to a maximum of 400 points:

- ♦ International Baccalaureate Career-related Certificate

Guideline document for 2017 entry. The matriculation and English language requirements are the minimum and will be higher for certain courses and in certain institutions. Applicants must also refer to HEI websites for details of specific subject requirements and previous points requirements.

### Bunriachtanais Iontrála/ Máithreánach

Is gá fianaise i leith inniúlacht sa Bhéarla a sholáthar i ngach uile chás. D'fhéadfadh riachtanais faoi leith a bheith ann ó thaobh ábhair de do chúrsaí faoi leith.

Leibhéal 8	Riachtanas 3 Onóracha	Scór IB de 24 ar an iomlán ina chuirtear 3 Ábhar ag Grád 5 ag Ardleibhéal agus 3 Ábhar ag Grád 4 ag Leibhéal Caighdeánach san áireamh
	Riachtanas 2 Onóracha	Scór IB de 24 ar an iomlán agus Dámhachtain Dioplóma
Leibhéal 7/6		Scór IB de 24 ar an iomlán agus Dámhachtain Dioplóma

#### Gráid Shamplacha d'Ábhair:

O6	4 ag Leibhéal Caighdeánach
H6/O3	4 ag Ardleibhéal, 6 ag Leibhéal Caighdeánach
H5	5 ag Ardleibhéal
H4	5 ag Ardleibhéal
H3	6 ag Ardleibhéal
H2	6 ag Ardleibhéal

N.B. Ní ghlactar le Léann na Matamaitice le haghaidh riachtanais matamaitice (cé gur féidir é a úsáid mar ábhar le riachtanais máithreánaigh ghinearálta a chomhlíonadh ó thaobh pasanna a bhaint amach i 6 ábhar). I gcásanna a bhfuil Léann na Matamaitice curtha faoi bhráid na hInstitiúide, d'fhéadfaí grád Ardeistiméireachta nó GCSE a úsáid le riachtanais matamaitice faoi leith a bhaint amach mar áis iontrála (ach ní ceadmhach é a úsáid mar an 6ú ábhar máithreánaigh).

### Treoirline Comhionannais Tháscaigh le Pointí na hArdteistiméireachta

Mar threoirline, táthar ag súil go mbronnfar pointí mar seo a leanas bunaithe ar an scór IB ar an iomlán ag glacadh leis go bhfuil dóthain ábhair aitheanta i láthair:

Scór IB	IPS
45	600
42	560
36	480
30	400
27	360
24	320

Pointí IB ÷ 45 × 600 (N.B. ní chuirtear ach torthaí ó aon suí amháin san áireamh don scóráil).

### Pointí Bónais don Mhatamaitic i 2017 (Baccalaureate Idirnáisiúnta)

Bronnfar 25 phointe sa bhreis ar ghrád a 4 nó níos airde ar Mhatamaitic Ardleibhéil AMHÁIN. Ní bheidh na pointí bónais ábhartha ach amháin sna cásanna ina bhfuil an t-ábhar sin scóráilte mar cheann de na ceithre ábhar is fearr ag an iarrthóir ó thaobh pointí de.

### Cáilíocht(aí) Fágála Scoile atá aitheanta ag Leibhéal 6/7 amháin

D'fhéadfadh na cáilíochtaí seo a leanas a bheith aitheanta le háit a fháil ar chúrsaí ag Leibhéal 6/7 i réimsí a bhaineann leis an ábhar amháin. Ní bheifear in ann scór atá níos airde ná 400 pointe a bhaint amach:

- ♦ Teastas Baccalaureate Idirnáisiúnta atá bainteach le Gairm

Cáipéis Treoirline le háit a fháil i 2017. Is iad na riachtanais máithreánaigh agus Béarla an t-íosmhéid agus beidh siad níos airde do chúrsaí áirithe agus in institiúidí faoi leith. Ní mór d'iarrthóirí aghaidh a thabhairt ar shuíomhanna gréasáin an HEI le sonraí a aimsiú maidir le riachtanais faoi leith a bhaineann le hábhair faoi leith agus le riachtanais pointí a bhí ann roimhe seo.

# QQI/FET/FETAC Level 5 Awards

Dublin Institute of Technology welcomes applications from students who are presenting QQI/FET/FETAC Level 5 awards and there are approximately 500 first year places available on Higher Certificate, Ordinary Degree and Honours Degree Programmes for such applicants in DIT.

These places are reserved specifically for applicants presenting QQI/FET/FETAC Level 5 awards.

Allocation of these places will be based on the following criteria:

- Applicants must apply through the CAO. Application can be made online at [www.cao.ie](http://www.cao.ie)
- Applicants must have obtained a full award. A Component Certificate is NOT sufficient
- The best 8 modules are scored and used for ranking purposes for a reserved quota of places on a number of programmes
- A major award may be accumulated over more than one academic year. In such cases it is the responsibility of the applicant to apply to QQI for a major award where courses are taken over more than one year
- Applicants presenting full QQI/FET/FETAC Level 5 awards will not be required to meet minimum entry requirements based on Leaving Certificate results. The QQI/FET/FETAC Level 5 award is accepted in its own right

## How the Scoring Scheme Works

You must first have completed the relevant major award linked to the programme you wish to undertake in DIT and you also need all components/modules specified. The scoring scheme only applies where all the requirements for the major award are met (a minimum of 120 credits have been achieved). Further details can be found on the following pages of this prospectus and also online at - [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

Each component is given a score based on the credit value of the component and the weighting. Component awards can have a credit value of: 5, 10, 15, 20 and 30. Weightings will apply to the grades achieved and are as follows: Pass = 1, Merit = 2, Distinction = 3

Add all of the component scores up to a cumulative credit value of 120. When adding up these scores, begin with Distinctions, then Merits, then Passes.

To calculate a component score, multiply the credit value of the component by the weighting for the grade achieved.

# Dámhachtainí QQI/FET/FETAC ag Leibhéal 5

Cuireann Institiúid Teicneolaíochta Bhaile Átha Cliath fáilte roimh iarratais ó mhic léinn a chuireann dámhachtainí QQI/FET/FETAC ag Leibhéal 5 ar fáil agus tá beagnach 500 áit sa chéad bhliain ar fáil i gCláir Ardteastais, Gnáth-chéime agus Céime Onóracha d'iarratasóirí den chineál seo in ITBÁC.

Tá na háiteanna seo curtha in áirithe go sonrach d'iarratasóirí a chuireann dámhachtainí QQI/FET/FETAC ag Leibhéal 5 ar fáil.

Bunófar leithdháileadh na n-áiteanna seo de réir na gcritéar seo a leanas:

- Ní mór d'iarratasóirí iarratas a dhéanamh tríd an Lár-Oifig Iontrála (CAO). Is féidir an t-iarratas a dhéanamh ar líne ag [www.cao.ie](http://www.cao.ie)
- Ní mór d'iarratasóirí dámhachtainí iomlán a bheith bainte amach acu. Ní leor Teastas Comhpháirte.
- Déantar na 8 modúl is fearr a scóráil agus baintear úsáid as na torthaí sin ar mhaithe le rangú a dhéanamh do chuóta áiteanna atá curtha in áirithe ar roinnt clár.
- Is féidir mórdámhachtain a charnadh thar níos mó ná aon bhliain acadúil amháin. I gcásanna den sórt sin, is faoin iarratasóir é a chinntiú go ndéanann sé/sí iarratas le QQI le mórdámhachtain a bhaint amach sa chás go dtéann sé/sí i mbun cúrsa a sheasann níos faide ná aon bhliain amháin.
- Ní bheidh ar iarratasóirí a chuireann dámhachtainí QQI/FET/FETAC ag Leibhéal 5 ar fáil na bunriachtanais iontrála bunaithe ar thorthaí na hArdteistiméireachta a chomhlíonadh. Glactar leis an dámhachtain QQI/FET/FETAC ag Leibhéal 5 mar atá sé leis féin.

## An chaoi ina n-oibríonn an Scéim Scórála

Ní mór duit a bheith tar éis an mhórdámhachtain, a bhaineann leis an gclár faoi leith a bhfuil suim agat ann a dhéanamh in ITBÁC, a bheith críochnaithe agat agus ní mór duit na comhpháirteanna/modúil a shonraítear a bheith agat. Ní bhaintear úsáid as an scéim scórála ach amháin nuair a chomhlíontar na riachtanais uilig a bhaineann leis an mórdámhachtain (nuair a bhaintear amach 120 creidiúint ar a laghad). Is féidir tuilleadh eolais a aimsiú ar na leathanaigh a leanann seo sa réamheolaire agus ar líne chomh maith - [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

Tugtar scór do gach comhpháirt bunaithe ar luach creidiúna na comhpháirte agus an t-ualú. Féadfaidh dámhachtainí Comhpháirte luach creidiúna de: 5, 10, 15, 20 agus 30 a bheith acu. Beidh ualú ar na gráid a bhaintear amach agus seo iad a leanas: Pas = 1, Pas le Tuillteanas = 2, Pas le Gradam = 3.

Suimigh le chéile na scóir comhpháirte agus is ionann sin agus luach creidiúna carnach de 120. Nuair atáthar ag cur le chéile na scór seo, tosaigh le Pasanna le Gradam, ansin Pasanna le Tuillteanas agus ansin Pasanna.

Iolraigh luach creidiúna na comhpháirte faoi ualú an ghráid a baineadh amach leis an scór comhpháirte a ríomh.

Finally, multiply the total score by 13 and divide by 12 to give the overall score (maximum 390).

#### Additional Information

Offers of places to successful applicants will be issued in CAO Round Zero offers early in August each year

Unfilled places will be offered to successful applicants in subsequent rounds of CAO offers.

In the case of Honours Degree programme applicants, they must normally achieve a minimum of five distinctions in a full award to be eligible. In addition, applicants will be required in most cases to have specific QQI/FET/FETAC Level 5 Awards and some designated Components/Modules.

In the case of Higher Certificate and Ordinary Degree applicants, they are simply required in most cases to present a specific QQI/FET/FETAC Level 5 Award.

Further details can be found on the following pages of this prospectus and also online at - [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

Students who obtain a place on an Ordinary Degree programme and who achieve the appropriate result in their final DIT examinations may compete for progression to the advanced years of a related Honours Degree programme.

#### QQI/FET/FETAC Level 5 - Access Entry Route

DIT recognises the role of higher education in providing benefits to individuals & communities and is committed to ensuring that people and communities experiencing educational disadvantage are supported in accessing higher education.

Information on QQI/FET/FETAC Level 5 Access Entry routes (eligibility, how to apply, closing dates etc) can be found at [www.dit.ie/ace/access/accessentryroutes/qqiaccessdit/](http://www.dit.ie/ace/access/accessentryroutes/qqiaccessdit/)

Faoi dheireadh thiar thall, iolraigh an scór iomlán faoi a 13 agus roinn ar a 12 é leis an scór foriomlán a ríomh (is é 390 an t-uasmhéid).

#### Eolas sa Bhreis

Eiseofar tairiscintí ar áiteanna d'iaratasóirí rathúla sna tairiscintí i mBabhta a Náid na Lár-Oifige Iontrála (CAO) go luath i mí Lúnasa gach bliain.

Déanfar áiteanna neamhlionta a thairiscint ansin d'iaratasóirí rathúla i mbabhtaí ina dhiaidh sin de thairiscintí an CAO.

I gcás na n-iaratasóirí a chuireann isteach ar chlár Céime Onóracha, ní mór dóibh go hiondúil cúig phas le gradam ar a laghad i ndámhachtain iomlán a bhaint amach le bheith incháilithe. Anuas air sin, den chuid is mó, beidh ar iaratasóirí Dámhachtainí QQI/FET/FETAC ag Leibhéal 5 faoi leith agus roinnt Comhpháirteanna/ Modúl ainmnithe a bheith acu.

I gcás na n-iaratasóirí a chuireann isteach ar Ardteastas agus ar Ghnáthchéim, ní gá dóibh de ghnáth ach Dámhachtain QQI/FET/FETAC faoi leith ag Leibhéal 5 a chur ar fáil.

Is féidir tuilleadh eolais a aimsiú ar na leathanaigh a leanann seo sa réamheolaire agus ar líne chomh maith - [www.dit.ie/studyatdit/undergraduate/howtoapply](http://www.dit.ie/studyatdit/undergraduate/howtoapply)

D'fhéadfadh mic léinn a fhaigheann áit ar chlár Gnáthchéime agus a bhaineann an toradh cuí amach ina scrúduithe ceann cúrsa ITBÁC dul san iomaíocht le dul ar aghaidh go dtí na blianta deiridh de chlár Céime Onóracha a bhfuil gaolmhar leis.

#### QQI/FET/FETAC ag Leibhéal 5 – Bealach Iontrála Rochtana

Aithníonn ITBÁC an tairbhe atá le hardoideachas do dhaoine aonair agus do phobail agus tá ITBÁC tiomanta a chinntiú go bhfaigheann daoine atá faoi mhíbhuntáiste oideachais tacaíocht chun rochtain a fháil ar ardoideachas.

Tá teacht ar eolas ar na bealaí Iontrála Rochtana do QQI/FET/FETAC ag Leibhéal 5 (incháilitheacht, conas iaratas a dhéanamh, dátaí deiridh srl.) ag [www.dit.ie/ace/access/accessentryroutes/qqiaccessdit/](http://www.dit.ie/ace/access/accessentryroutes/qqiaccessdit/)

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# Important Additional Information

## Bonus Points Maths (Irish Leaving Certificate)

25 bonus points will continue to be awarded for Higher Level Mathematics for H6 grades and above. The bonus points will only be relevant where that subject is scored as one of the applicant's best six subjects for points purposes.

## Leaving Certificate Vocational Programme - Link Modules

The Institute recognises the LCV for admission purposes and results in the Link Modules element of the programme will be considered as follows:

Distinction	66 points
Merit	46 points
Pass	28 points

The Link Modules may be used as one of the six subjects for overall points calculation but will not be considered as a subject for the purposes of minimum entry requirements.

## Entrance Scholarships

€1,000 each will be awarded to students entering Honours Degree programmes DT302 (Business Analytics), DT304 (E-Commerce in Retailing), DT321 (Business & Law), DT341 (Marketing), DT343 (Retail and Services Management), DT354 (Business Computing), DT358 (Logistics & Supply Chain Management), DT365 (Business & Management), DT366 (Accounting & Finance), DT398 (Human Resource Management) and DT399 (Economics & Finance) who achieve 500 points or more in the Leaving Certificate Examination in the year of entry.

# Eolas Tábhachtach Breise

## Pointí Bónais don Mhatamaitic (Ardteistiméireacht)

Leanfar ar aghaidh le 25 phointe bónais a bhronnadh ar Mhatamaitic Ardleibhéil le haghaidh na ngrád H6 agus os a chionn. Ní bheidh na pointí bónais ábhartha ach amháin sna cásanna ina bhfuil an t-ábhar sin scóráilte mar cheann de na sé ábhar is fearr ag an iarrthóir ó thaobh pointí de.

## Gairmchlár na hArdteistiméireachta - Nascmhodúil

Glacfaidh an Institiúid le Gairmchlár na hArdteistiméireachta mar riachtanais iontrála agus déanfar measúnú ar thorthaí sna nascmhodúil mar a leanas:

Pas le gradam	66 pointe
Pas le tuillteanas	46 pointe
Pas	28 pointe

Is féidir na Nascmhodúil a úsáid mar cheann amháin den 6 ábhar do chomhaireamh pointí ach ní ghlacfar leis mar ábhar do riachtanais iontrála.

## Scoláireachtaí Iontrála

Bronnfar €1,000 an duine ar mhic léinn ag dul isteach ar chlár Chéim Onórach DT302 (Anailísíocht Ghnó), DT304 (R-Thráchtáil sa Mhiondíoltóireacht), DT321 (Gnó & Dlí), DT341 (Margaíocht), DT343 (Bainistíocht Mhiondíola agus Seirbhísí), DT354 (Ríomhaireacht Ghnó), DT358 (Loighistic & Bainistíocht an tSlabhra Soláthair), DT365 (Gnó & Bainistíocht), DT366 (Cuntasaíocht & Airgeadas), DT398 (Bainistíocht Acmhainní Daonna) agus DT399 (Eacnamaíocht & Airgead) a mbeidh 500 pointe nó os a chionn acu i scrúdú na hArdteistiméireachta sa bhliain iontrála.



### How to Apply Irish/EU Applicants

Application for admission to 1st year of any undergraduate programme must be made directly to:

#### Central Applications Office,

Tower House, Eglinton Street, Galway, Ireland.

The application form and handbook are available from CAO. The handbook should be read carefully before submitting an application. Applications can now be submitted to CAO on-line ([www.cao.ie](http://www.cao.ie)). The closing date for receipt of applications at the ordinary fee for EU applicants is 1st February each year. Late applications may be made after this date but not for any of the following programmes:

#### Honours Degrees      Ord. Degrees & Higher Certificates

DT501	DT598
DT506	
DT529	
DT544	
DT545	
DT546	
DT559	

The reason for the restriction in the case of the above programmes is the inclusion of suitability tests or other assessments as part of the selection process. These programmes are marked 'restricted' in the CAO Handbook.

### Finding Out about Programmes and Careers

There are many sources of information, some of a general nature, some more specific which will help give you an insight into different careers and the related third level programmes. Examples include:

- DIT Open Day
- DIT website ([www.dit.ie](http://www.dit.ie))
- Guidance Counsellors, School Principals, Subject Teachers
- DIT Prospectus
- Television Programmes/Radio Programmes
- Books, Pamphlets, Videos in your School or Public Library
- Careers Exhibitions/Seminars
- The publications of professional institutes and societies such as accountancy bodies, engineering institutions, etc.
- Newspaper articles
- Open Days
- Make contact with people of your own acquaintance who are already qualified and working in a job area of interest to you and who can talk with you about their own experiences

### Deferred Entry

A facility to defer entry for one year may be available in exceptional circumstances, for instance medical reasons and for which supporting documentation will be required. Deferrals are at the discretion of the Head of Enrolment Planning and Admissions. In order to avail of the facility, an applicant must first be offered a place through CAO and then take the following steps:

### Conas iarratas a Dhéanamh? Iarratasóirí Éireannacha/Aontas Eorpach

Caithefear iarratas iontrála don chéad bhliain d'aon chúrsa fochéime a dhéanamh tríd:

#### An LárOifig Iontrála (CAO),

Teach an Túir, Sráid Eglinton, Gaillimh, Éire.

Tá an fhoirm iarratais agus lámhleabhar ar fáil ón LárOifig Iontrála. Bá chóir an lámhleabhar a léamh go cúramach sula ndéantar aon iarratas. Is féidir iarratais a dhéanamh ar líne leis an LárOifig Iontrála anois ([www.cao.ie](http://www.cao.ie)). Is é 1 Feabhra gach bliain an dáta deiridh d'iarratais ag an ghnáth tháille d'iarratasóirí ón Aontas Eorpach. Is féidir iarratais dhéanacha a dhéanamh tar éis an dáta sin ach ní féidir d'aon chlár dóibh seo a leanas:

#### Céimeanna Onóracha

DT501	DT598
DT506	
DT529	
DT544	
DT545	
DT546	
DT559	

#### Gnáthcheimeanna & Ardteastais

Is éard is cúis leis an srianadh ar na cláir thuas nó go bhfuil gá le tastáil oiriúnachta nó measúnuithe eile mar chuid den bpróiseas roghnaithe. Tá comhartha 'srianta' marcáilte le na cláir seo i Lámhleabhar an LárOifig Iontrála.

### Eolas a Aimsiú Maidir le Cláir agus Gairmeacha

Tá go leor foinsí eolais, roinnt le heolas ginearálta, roinnt níos sainiúla a chabhróidh leat léargas a fháil ar ghairmeacha éagsúla agus na cláir tríú leibhéal ábhartha, mar shampla:

- Lá Oscailte ITBÁC
- Suíomh gréasáin ITBÁC, [www.dit.ie](http://www.dit.ie)
- Comhairleoirí Gairmthreoir, Príomhoidí Scoile, Múinteoirí
- Réamheolaire ITBÁC
- Cláir Teilifíse/Cláir Raidió
- Leabhair, Bileoga Eolas, Físeáin i do Scoil nó Leabharlann Phoiblí
- Taispeántais/Seimineáir Ghairmeacha
- Foilseacháin na nInstitiúidí Proifisiúnta agus Cumainn ar nós Comhlachtaí Cuntasaíochta, Institiúidí Innealtóireachta agus eile.
- Ailt sna nuachtáin
- Laethanta Oscailte
- Dul chun cainte le daoine a bhfuil cáilithe agus ag obair san earnáil nó i bpost go bhfuil suim agat ann lena gcuid taithí a roinnt leat.

### Iontráil Iarchurtha

D'fhéadfadh deis a bheith ann iontráil a iarchur bliain amháin in imthosca eisceachtúla, mar shampla cúiseanna leighis agus bheadh gá le cáipéisíocht tacaíochta ina leith. Déanfar iarchuir de réir mar a shocraíonn an Ceann Pleanála Rollaithe agus Iontrálacha. Is féidir iontráil a chur siar bliain amháin i láthair na huaire. Chun tairbhe a bhaint as an tseirbhís seo, caithefear áit a thairiscint d'iarratasóir ar dtús agus ansin na céimeanna thíos a leanúint:

1. **DO NOT ACCEPT** the CAO offer in the manner shown on the Offer Notice.
2. **Email IMMEDIATELY** admissions@dit.ie or write to the Admissions Office, Dublin Institute of Technology, 143 - 149 Lower Rathmines Road, Dublin 6 requesting deferral and giving the reason(s). **Mark "DEFERRED ENTRY" clearly in the subject line of your email or on the envelope.**
3. Applicants who request deferral in order to take up another third level place in the CAO system will not be granted deferred entry.
4. Give your **name and address as it appears on your CAO application, quote your CAO Application Number and the Course Code** of the offer you wish to defer.
5. The email or written request must be received in the Admissions Office at least two days before the **"Reply Date"** shown on the CAO Offer Notice.

If the request for deferral is granted, the applicant will be advised by email or in writing and a place on the course concerned will be reserved for him/her for the following year **subject to the conditions** outlined below. If the request is not granted, the applicant will also be notified and may then accept the original offer for the current year.

You must send all communications on 1st year deferrals to admissions@dit.ie or to the Admissions Office, Dublin Institute of Technology, 143 - 149 Lower Rathmines Road, Dublin 6 and **NOT** to CAO.

#### Conditions for applicants who are granted deferral:

If your deferral is granted you are then required to:

- (a) submit an application to CAO for the deferred course by the **1st of February** the following year
- (b) include on this application **the deferred course as the first and only preference**
- (c) advise the Admissions Office by email or in writing of **your full name, new CAO application number and deferred course by April 30th** of the same year that the new application has been made

Applicants who do not follow the above instructions will have the deferred place cancelled.

1. **NÁ GLAC** leis an tairiscint CAO sa tslí a thaispeántar ar an bhFógra Tairisceana.
2. **Seol ríomhphost LÁITHREACH** chuig admissions@dit.ie nó scríobh litir chuig an Oifigeach Iontrála, Institiúid Teicneolaíochta Bhaile Átha Cliath, 143 - 149 Bóthar Ráth Maonais Íochtarach, Baile Átha Cliath 6 ag iarraidh iarchuir agus tabhair an chúis/na cúiseanna leis. **Scríobh "IONTRÁIL IARCHURTHA" go soiléir i líne an ábhair do ríomhphost nó ar an gclúdach litreach.**
3. Ní cheadófar iontráil iarchurtha d'iaratasóirí a lorgaíonn cead chun iontráil a chur siar chun áit a ghlacadh ar clár eile tríú leibhéal i gcóras an LárOifig Iontrála.
4. Tabhair **d'ainm agus seoladh mar atá sé ar d'iaratas CAO**, luaigh **d'Uimhir Iarratais CAO agus Cód Cúrsa** na tairisceana is mian leat a iarchur.
5. Caithfidh an ríomhphost nó an t-iaratas scríofa a bheith faighte san Oifig Iontrála ar a laghad dhá lá roimh an **"Dáta Freagartha"** a thaispeántar ar Fhógra Tairisceana an CAO.

Má cheadaítear an t-iaratas ar iarchur, cuirfear sin in iúl don iaratasóir trí ríomhphost nó i scríbhinn agus coimeádfar áit ar an gclár lena mbaineann dó/di don chéad bhliain eile **faoi réir na gcoinníollacha a thugtar thíos**. Mura gceadaítear an t-iaratas, cuirfear é sin in iúl don iaratasóir freisin, agus féadfaidh sé/sí glacadh leis an gcéad tairiscint don bhliain reatha.

Ní mór duit gach cumarsáid faoi iarchur chéad bhliana a sheoladh chuig admissions@dit.ie nó chuig an Oifig Iontrála, Institiúid Teicneolaíochta Bhaile Átha Cliath, 143 - 149 Bóthar Ráth Maonais Íochtarach, Baile Átha Cliath 6, agus **NÍ** chuig an CAO.

#### Coinníollacha d'iaratasóirí a bhronntar Iontráil Iarchurtha orthu:

Má bhronntar Iontráil Iarchurtha ort, iarrtar ort:

- (a) Iaratas a sheoladh chuig An LárOifig Iontrála - CAO don gcúrsa iarchurtha roimh an **1 Feabhra** den bhliain dar gcionn
- (b) An clár iarchurtha a chur síos ar an t-iaratas mar an chéad agus an t-aon rogha
- (c) An Oifig Iontrála a chur ar an eolas trí ríomhphost nó i scríbhinn faoin **30 Aibreán** den bhliain céanna leis an iaratas nua agus tabhair **d'ainm iomlán, d'Uimhir Iarratais nua CAO agus Cód an Chúrsa** iarchurtha.

Mura leanann tú na rialacha thuas, cuirfear ar ceall d'iontráil iarchurtha.



# Mature Students

## Mature Students/ Thinking of returning to study?

Whatever your reason for coming back to education, updating your skills, gaining a new qualification, achieving a personal goal or ambition, DIT welcomes all mature students.

We know it can be daunting, but you are not alone and DIT has a range of supports in place to help you decide what course to take, get through the application process and get settled into college life.

To be classified as a mature student and wishing to enter the 1st year of any undergraduate full time course in DIT you must be 23 years of age or older on or before 1st January 2018 and be an Irish/EU citizen. You make your application for admission to the 1st year of any undergraduate full time course through the CAO Applications Office [www.cao.ie](http://www.cao.ie)

## Submitting an Application

Applying as a Mature student is different to those who are applying directly from School. As part of your application you will be asked to include:

- Courses you are applying for
- Details of your schooling
- Any further education you may have completed\*
- Details of any current studies (if you are currently studying)\*
- Information about your work and life experience
- A personal statement about how these relate to your current application

\*If you have any documents you think will support your application (transcripts, certificates etc) you can send these by post, clearly marked with your Application Number to CAO. DIT staff receive your information from CAO.

## CAO Mature Applications must be submitted before the 1st of February each year

Late applications will be accepted on behalf of DIT through the CAO up to the 1st of May (subject to the payment of a late fee). Please note that places are limited and there is no guarantee late applications will be considered especially in popular courses. No late applications will be accepted for Restricted Courses where candidates are expected to attend auditions or submit a portfolio. Such Courses need to be applied for before February 1st.

**Part-time Study:** Applications for part-time courses are made directly to the relevant department. Applications can be accepted much closer to the starting date for the programme, but you are advised to make contact as early as possible and to request course details and an application form. [www.dit.ie/studyatdit/part-time](http://www.dit.ie/studyatdit/part-time)

# Mic Léinn Aibí

## Mic Léinn Aibí/ Ag smaoineamh ar fhilleadh ar an staidéar?

Cuireann ITBÁC fáilte chroíúil roimh gach uile mhac léinn aibí cibé cúis atá agat le fillleadh ar an oideachas, le do chuid scileanna a nuashonrú, le cáiliócht nua a bhaint amach nó le sprioc nó uaillmhian phearsanta a bhaint amach.

Tuigimid gur dúshlán nach beag é ach ní leat féin a bheidh tú agus tá raon leathan tacaíochtaí ar fáil againn anseo in ITBÁC le cúnamh a thabhairt duit maidir le cén cúrsa le roghnú, conas is féidir an próiseas iarratais a chur i gcrích agus conas is féidir leat dul i dtaithe ar shaol an choláiste.

Ní mór duit a bheith 23 bliana d'aois nó os a chionn ar nó roimh an 1 Eanáir 2018 agus a bheith mar shaoránach ó Éirinn/ ón AE le bheith rangaithe mar mhac léinn aibí atá ag iarraidh dul isteach sa 1 bhliain d'aon chúrsa fochéime lánaimseartha de chuid ITBÁC. Caithfear iarratas ar iontráil go bliain 1 d'aon chlár fochéime lánaimseartha a dhéanamh go díreach leis An Lár-Oifig Iontrála (CAO) [www.cao.ie](http://www.cao.ie)

## Ag cur iarratais isteach

Tá córas faoi leith ann dóibhsean atá ag cur isteach ar chúrsa mar mhac léinn aibí atá difriúil ón gcóras atá i bhfeidhm dóibhsean atá ag cur isteach ar chúrsa díreach ón Scoil. Iarrfar ort an méid seo a leanas a bheith mar chuid de d'iarratas:

- Na cúrsaí a bhfuil tú ag cur isteach orthu
- Sonraí do chuid scolaíochta
- Aon bhreiseoidéachas atá críochnaithe agat\*
- Sonraí d'aon staidéar atá ar bun agat faoi láthair a lua (sa chás go bhfuil tú i mbun staidéir faoi láthair)\*
- Eolas ar do chuid oibre agus do thaithe saoil
- Ráiteas pearsanta faoi conas a thacaíonn na rudaí seo thuas le d'iarratas reatha.

\*Má tá aon doiciméid agat a cheapann tú a thacóidh le d'iarratas (tras-scribhinní, teastais, srl.), is féidir leat iad seo a sheoladh sa phost agus iad marcáilte go soiléir le d'Uimhir Iarratais go dtí An Lár-Oifig Iontrála. Is ón Lár-Oifig Iontrála a fhaigheann baill foirne ITBÁC do chuid eolais.

## Caithfear iarratais ó Mhic Léinn Aibí a bheith curtha isteach roimh an 1 Feabhra gach bliain chuig An Lár-Oifig Iontrála (CAO)

Glacfar le hiarratais dhéanacha tríd An Lár-Oifig Iontrála suas go dtí an 1 Bealtaine (ach táille dhéanach a íoc). Tabhair faoi deara, le do thoil, go bhfuil áiteanna teoranta agus nach féidir a bheith cinnte go dtabharfar iarratais mhalla san áireamh i gcónaí, go háirithe ar chlár a bhfuil an-tóir orthu. Ní ghlacfar le hiarratais ar Chúrsaí Teoranta, áit a mbeadh ar iarratasóirí triail a dhéanamh nó cumhdach ealaíontóra a chur isteach. Caithfear a chur isteach ar na Cúrsaí faoi leith seo roimh an 1 Feabhra.

**Staidéar Páirtaimseartha:** Déantar iarratais ar chlár pháirtaimseartha a sheoladh díreach chuig an rannóg chuí. Glactar le hiarratais i bhfad níos giorra do dháta tosaigh an chlár, ach moltar duit teagmháil a dhéanamh leis an rannóg chomh luath agus gur féidir le sonraí a lorg maidir leis an gclár agus foirm iarratais a fháil. [www.dit.ie/study/part-time](http://www.dit.ie/study/part-time)



**Postgraduate:** All enquiries about postgraduate study should go through the postgraduate office.

Phone: +353 1 402 3434

Email: [postgraduate@dit.ie](mailto:postgraduate@dit.ie)

Web: [www.dit.ie/studyatdit/postgraduate](http://www.dit.ie/studyatdit/postgraduate)

**Iarchéime:** Ba cheart d'aon fhiosrúcháin maidir le staidéar iarchéime dul tríd an Oifig Iarchéime.

Fón: +353 1 402 3434

Ríomhphost: [postgraduate@dit.ie](mailto:postgraduate@dit.ie),

An Gréasán: [www.dit.ie/studyatdit/postgraduate](http://www.dit.ie/studyatdit/postgraduate)



## Access Foundation Programme

The Access Foundation Programme is a one year course at DIT. It is designed for students from areas and communities where there is not a strong tradition of participation in third level education. Having successfully completed the one year course participants are then eligible to enter undergraduate courses at DIT. For further details see DT6522.

## Bonnchlár Rochtanna

Is cúrsa bliana in ITBÁC é an Bonnchlár Rochtana. Tá an bonnchlár leagtha amach do mhic léinn ó áiteanna agus pobail nach bhfuil traidisiún láidir rannpháirtíochta in oideachas tríú léibhéal iontu. I ndiaidh an chúrsa bliana a thabhairt chun críche go rathúil beidh rannpháirtithe incháilithe le dul isteach i gcúrsaí fochéime in ITBÁC. Chun a thuilleadh eolais a fháil, féach ar DT6522.

# Higher Education Access Route (HEAR)

## Who should apply to HEAR?

The Higher Education Access Route (HEAR) is a third level admissions scheme for school leavers from socio-economically disadvantaged backgrounds. If this describes your own circumstances, find out what you need to apply to DIT under the HEAR scheme.

## HEAR Code of Practice

The HEAR Code of Practice details DIT's admission policy for eligible HEAR applicants, details how the reduced points places are allocated and also lists the minimum number of reduced points places available on each DIT undergraduate programme.

For more information on the HEAR Code of Practice please contact the DIT Access Service at the further information details below.

## What is it?

The Higher Education Access Route (HEAR) is a third level admissions scheme for school leavers from socio-economically disadvantaged backgrounds. HEAR has been established by a number of Higher Education Institutions based on clear evidence that socio-economic disadvantage has a negative impact on educational achievement at school and progression to higher education.

School leavers who provide satisfactory evidence relating to their socio-economic circumstances and meet the Irish Leaving Certificate matriculation / minimum entry and subject requirements are eligible to compete for a quota of places allocated to applicants on a reduced points basis in DIT. As the minimum entry and subject requirements may be different for each course, applicants should check the requirements of each preference listed on their CAO form.

## Who should apply to HEAR?

HEAR is for school leavers (under 23 years old as of 1st January 2018). Mature and QQI/PLC students have different admission routes.

## How to apply to HEAR?

**Step 1** Apply online to CAO by 17:15 on 1st February 2018.

**Step 2** No later than 17:15 on 1st March 2018, you must indicate in your CAO application that you wish to apply for the HEAR scheme and you must fully and correctly complete all elements of the HEAR form (the HEAR form is a part of your CAO application).

**Step 3** Submit relevant evidence in support of your application to arrive at CAO no later than 17:15 on 1st April 2018.

HEAR applications can only be made online at [www.cao.ie](http://www.cao.ie).

## Minimum Entry Requirements and Language Waivers

All applicants to DIT applying on the basis of their Leaving Certificate, regardless of whether they are HEAR-eligible or not, or meet the points requirements or not, must meet the programme-specific minimum entry requirements for their chosen programme of study.

# Bealach Isteach Chuig Ardoideachas (HEAR)

## Iarratasóirí ar an scéim Bealach Isteach chuig Ardoideachas (HEAR)

Is scéim iontrála tríú leibhéal í an scéim Bealach Isteach chuig Ardoideachas (HEAR) do dhaoine ó chúlra atá faoi mhíbhuntáiste socheacnamaíocha atá ag imeacht ón scoil. Má bhaineann na cúinsí seo leatsa, cuir eolas ar an méid atá de dhíth ort chun iarratas a dhéanamh chuig ITBÁC faoin scéim HEAR.

## Cód Cleachtais HEAR

Leagtar amach i gCód Cleachtais HEAR mionsonraí faoi bheartas iontrála ITBÁC do mhic léinn a cháilíonn do HEAR, mionsonraí faoin tslí a leithdháiltear na háiteanna ar phointí laghdaithe agus liosta den líon íosta áiteanna ar phointí laghdaithe atá ar fail faoi gach clár fochéime in ITBÁC.

Chun eolas sa bhreis a fháil faoi Chód Cleachtais HEAR, dean teagmháil le Seirbhís Rochtana ITBÁC, a gcuid sonraí le fáil ag an mír 'Tuilleadh Eolais' atá thíos.

## Céard é féin?

Is scéim iontrála tríú leibhéal í an scéim Bealach Isteach chuig Ardoideachas (HEAR) do dhaoine ó chúlra atá faoi mhíbhuntáiste socheacnamaíocha atá ag imeacht ón scoil. Bhunaigh roinnt institiúidí tríú leibhéal HEAR bunaithe ar fhianaise shoiléir atá ann go mbíonn tionchar diúltach ag míbhuntáiste socheacnamaíoch ar an méid a bhaintear amach san oideachas agus ó thaobh dul ar aghaidh go dtí ardoideachas.

Bíonn lucht fágála scoile a chuireann fianaise shásúil ar fáil maidir lena gcúinsí socheacnamaíocha agus a chomhlíonann bunriachtanais iontrála agus riachtanais ábhar Ardeistiméireacht na hÉireann, cáilithe le dul san iomaíocht do chuóta áiteanna a leithroinntear ar iarratasóirí ar bhonn pointí laghdaithe in ITBÁC. Ó tharla go bhféadfadh íosriachtanais iontrála agus ábhair éagsúla a bheith i gceist do gach cúrsa, ní mór d'iarratasóirí eolas a fháil ar na riachtanais a bhaineann le gach cúrsa a roghnaítear ar an bhfoirm CAO.

## Cé a cheart iarratas a dhéanamh ar HEAR?

Tá HEAR ann do lucht fágála scoile (faoi 23 bliain d'aois amháil an 1 Eanáir 2018). Tá bealaí iontrála difriúla ann do mhic léinn lánfhásta agus QQI/PLC.

## Conas iarratas a dhéanamh chuig HEAR?

**Céim 1** Déan iarratas ar líne chuig CAO faoin 17:15 an 1ú Feabhra 2018.

**Céim 2** Ní mór a thabhairt le fios ar d'iarratas CAO tráth nach déanaí ná 17.15 an 1ú Márta 2018, gur mian leat iarratas a dhéanamh ar scéim HEAR agus ní mór duit gach gné d'fhoirm HEAR (is cuid de d'fhoirm CAO í an fhoirm HEAR) a chomhlánú go hiomlán agus go cruinn.

**Céim 3** Fianaise ábhartha a chur mar thaca le d'iarratas le bheith ag an CAO tráth nach déanaí ná 17:15 an 1ú Aibreán 2018. Ní féidir iarratais HEAR a dhéanamh ach ar líne ag [www.cao.ie](http://www.cao.ie).

## Íosriachtanais Iontrála agus Tarscaoileadh Teanga

Ní mór do gach iarratasóir ar ITBÁC a dhéanamh iarratas ar bhonn an Teastais Ardeistiméireachta, cibé an gcáilíonn nó nach gcáilíonn siad don scéim HEAR, nó cibé an gcomhlíonann nó nach gcomhlíonann siad an riachtanas ó thaobh pointí de, na híosriachtanais iontrála don chlár staidéir a roghaíonn siad a chomhlíonadh.

Some programmes in DIT have a modern language as a minimum entry requirement (e.g. DT555 International Business & Languages). Applicants who do not meet this minimum entry requirement cannot be considered for a place on such a programme, regardless of whether they have been granted a language waiver in the Leaving Certificate.

Applicants are strongly advised to consult the minimum entry requirements for their chosen programme prior to applying through HEAR and the CAO. Details of minimum entry requirements for all programmes are available in the DIT prospectus and the Admissions pages of the DIT website.

#### Prioritisation of Applicants Eligible for both DARE and HEAR

Research has identified that students with disabilities from disadvantaged backgrounds face considerable challenges in terms of their chances of progressing to higher education in Ireland. In order to increase the number of students facing the “double disadvantage” of socio-economic disadvantage and disability, DARE and HEAR colleges have agreed to prioritise applicants eligible for both DARE and HEAR when allocating reduced points places. Applicants eligible for both schemes can only be prioritised where they have met all the admissions criteria for consideration.

#### Condition of a HEAR Offer

Students who receive a HEAR offer must attend an orientation programme before the first semester.

Students who accept places in DIT through HEAR are offered a variety of academic, personal and social supports while studying at third level. Details of post-admission supports for HEAR entrants can also be found on: [www.accesscollege.ie](http://www.accesscollege.ie) and [www.dit.ie/ace/access](http://www.dit.ie/ace/access)

More information on HEAR is available from your school Guidance Counsellor or [www.accesscollege.ie](http://www.accesscollege.ie), [www.cao.ie](http://www.cao.ie) or [www.dit.ie/ace/access](http://www.dit.ie/ace/access)

#### Other Access Entry Routes to DIT

In addition to the HEAR scheme, the DIT Access & Civic Engagement Office also has other Access Entry Routes that are aimed at students from socio-economically disadvantaged backgrounds who would like to do a full time undergraduate course in DIT. For further information please visit [www.dit.ie/ace](http://www.dit.ie/ace) and click on Access Service & access entry routes

#### Further Information

Access Service  
DIT Access & Civic Engagement Office  
Rathdown House,  
Grangegorman Lower,  
Dublin 7  
Tel: 01 402 7625 Email: [hear@dit.ie](mailto:hear@dit.ie)

Tá nuatheanga mar íosriachtanas iontrála do roinnt clár in ITBÁC (e.g. DT555 Gnó Idirnáisiúnta agus Teangacha). Ní féidir iarratasóirí nach gcomhlíonann an t-íosriachtanas iontrála seo a bhreithniú le haghaidh áit ar chlár den sórt sin, fiú amháin sa chás gur bronnadh tarscaoileadh teanga orthu i Scrúdú na hArdteistiméireachta.

Moltar d’iarratasóirí na híosriachtanais iontrála a sheiceáil don chlár a roghnaíonn siad sula ndéanann siad iarratas ar HEAR agus ar an CAO. Tá mionsonraí faoi na híosriachtanais do gach clár ar fáil i réamheolaire ITBÁC agus ar na leathanaigh faoi Iontráil ar láithreán gréasáin ITBÁC.

#### Tosaíocht a thabhairt d’iarratasóirí a Cháilíonn do DARE agus do HEAR araon

De réir taighde bíonn dúshlán shuntasacha roimh mhic léinn faoi mhíchumas agus ar ó chúlra faoi mhíbhuntáiste iad maidir leis an deis a bhíonn acu dul ar aghaidh go dtí ardoideachas in Éirinn. D’fhonn cur leis an líon mac léinn a mbíonn an “dúshlán dubailte” de mhíbhuntáiste socheacnamaíoch agus míchumas le sárú acu, chomhaontaigh coláistí DARE agus HEAR tosaíocht a thabhairt d’iarratasóirí a cháilíonn do DARE agus do HEAR araon tráth a mbíonn siad ag leithdháileadh áiteanna ar phointí laghdaithe. Ní féidir tosaíocht a thabhairt d’iarratasóirí a cháilíonn don dá scéim ach amháin sa chás gur chomhlíon siad na riachtanais riaracháin go léir chun iad a bhreithniú.

#### Na coinníollacha a bhaineann le Tairiscint HEAR

Bíonn ar mhic léinn a fhaigheann tairiscint HEAR freastal ar chlár ionductaithe roimh an chéad seimeastar.

Tairgtear tacaíochtaí éagsúla acadúla, pearsanta agus sóisialta do mhic léinn a ghlacann le háiteanna in ITBÁC trí HEAR agus iad ag staidéar ag an tríú leibhéal. Is féidir sonraí faoi thacaíochtaí iarriontrála d’iontrálaithe HEAR a fháil freisin ag: [www.accesscollege.ie](http://www.accesscollege.ie) agus [www.dit.ie/ace/access](http://www.dit.ie/ace/access)

Tá tuilleadh eolais faoi HEAR ar fáil ó Threoirchomhairleoir do Scoilse nó ar [www.accesscollege.ie](http://www.accesscollege.ie), [www.cao.ie](http://www.cao.ie), nó ar [www.dit.ie/ace/access](http://www.dit.ie/ace/access)

#### Bealaí Iontrála Eile chuig ITBÁC

Sa bhreis ar an scéim HEAR, tá Bealaí Iontrála Eile ann faoi Oifig Rochtana agus Chomhpháirteachais Shibhialta ITBÁC a dhíríonn ar dhaltai ó chúlraí faoi mhíbhuntáiste socheacnamaíocha ar mian leo tabhairt faoi chúrsa fochéime lánaimseartha in ITBÁC. Chun tuilleadh eolais a fháil, téigh chuig [www.dit.ie/ace](http://www.dit.ie/ace) agus cliceáil ar Seirbhís Rochtana agus bealaí iontrála rochtana

#### Tuilleadh Eolais

Seirbhís Rochtana  
Oifig Rochtana agus Chomhpháirteachais Phoiblí ITBÁC  
Áras Ráth an Dúin  
Gráinseach Ghormáin Íochtarach,  
Baile Átha Cliath 7  
Fón: 01 402 7625 R.phost: [hear@dit.ie](mailto:hear@dit.ie)

# Students Learning With Communities

The DIT Programme for Students Learning With Communities supports DIT staff and/or students working with underserved community partners (local groups, not-for-profit organisations, etc) to develop real-life collaborative projects. This is known as community-based learning, community-based research, and also service-learning. Learning comes alive for students working on these projects with real clients, applying their specialist subject skills, and receiving course credits for their work. The community becomes part of the teaching process and the students' work furthers the community's goals. These projects give all participants the opportunity to engage in critical thinking and to develop their social awareness. The Programme for Students Learning With Communities ultimately aims to energise participants to work for social change.

## Benefits for students:

- Develop communication, group work, problem-solving, critical thinking and time management skills
- Learn to put theoretical subject knowledge into practice
- Learn from and with community groups, see how collaboration can further the community's goals, and develop knowledge of the community and voluntary sector as possible employers
- Develop social awareness and become a more active citizen
- Receive course credits for this work, as all projects are built into modules

## Facts and figures:

- Over 1,055 DIT students were involved in Students Learning With Communities projects in 2015/16
- Well over 110 community partners are involved
- Students on 44 programmes, undergraduate and postgraduate, across all four DIT Colleges were involved in 2015/16 – approximately 1 in 3 undergraduate programmes.

## Contact:

Students Learning With Communities,  
DIT Access and Civic Engagement Office,  
Grangegorman Lower,  
Dublin 7

T: 01 402 7616

E: [slwc@dit.ie](mailto:slwc@dit.ie)

[www.dit.ie/ace/studentslearningwithcommunities](http://www.dit.ie/ace/studentslearningwithcommunities)

# Mic Léinn ag Foghlaim i dTeannta Pobal

Tugann Clár ITBÁC 'Mic Léinn ag Foghlaim i dTeannta Pobal' tacaíocht do fhoireann agus/nó mic léinn na hInstitiúide ag obair i dteannta páirtneirí sa phobal nach ndéantar dóthain freastail orthu (grúpaí áitiúla, eagraíochtaí nach le haghaidh brabús a bunaíodh iad, srl) chun tionscadail bheo chomhoibríocha a fhorbairt. Foghlaim phobalbhunaithe, taighde pobalbhunaithe agus foghlaim sheirbhíse a thugtar air seo. Foghlaim bheo a bhíonn ann do mhic léinn mar go mbíonn siad ag obair ar na tionscadail seo le fíorchliant, ag cur a scileanna ina n-ábhar speisialtóireachta ag obair agus ag fáil creidiúintí cúrsa as an obair a dhéanann siad. Bíonn an pobal ar chuid den phróiseas múinteoireachta agus cuireann obair na mac léinn le spriocanna an phobail. Tugann na tionscadail seo an deis do rannpháirtithe dul i mbun smaointeoireachta criticiúla agus feacht shóisialta a fhorbairt. Féachann an Clár 'Mic Léinn ag Foghlaim i dTeannta Pobal' le hugach a thabhairt do rannpháirtithe gníomhú ar mhaithe le hathrú sóisialta.

## An Tairbhe atá le baint ag mic léinn as:

- Scileanna cumarsáide, obair i ngrúpaí, scileanna réitithe fadhbanna, scileanna smaointeoireachta criticiúla agus bainistíochta ama a fhorbairt
- Foghlaim leis an eolas teoiriciúil atá agat ar ábhar a chur ag obair
- Foghlaim ó agus leis na grúpaí pobail, léargas a fháil ar an dóigh gur féidir le comhoibriú cur le spriocanna an phobail agus eolas a fhorbairt ar an earnáil phobail agus dheonach mar fhostóirí amach anseo.
- Feacht shóisialta a fhorbairt agus a bheith i do shaoránach níos gníomhaí
- Creidiúintí cúrsa a bhaint amach don obair seo, mar go mbíonn na tionscadail go léir mar chuid de mhodúil

## Fíricí agus Figiúirí:

- Bhí os cionn 1,055 mac léinn ITBÁC rannpháirteach i dtionscadail Mic Léinn ag Foghlaim i dTeannta Pobal i 2015/16
- Bhí breis is 110 comhpháirtí pobail rannpháirteach
- Bhí mic léinn ar 44 clár, fochéime agus iarchéime, ar fud gach ceann de 4 Choláiste ITBÁC páirteach i 2015/16 – tuairim is trian de na cláir fhochéime.

## Teagmháil:

Mic Léinn ag Foghlaim le Pobal  
Oifig Rochtana agus Comhpháirteachais Phoiblí, ITBÁC  
Gráinseach Ghormáin Íochtarach  
Baile Átha Cliath 7

T: 01 402 7616

RP: [slwc@dit.ie](mailto:slwc@dit.ie)

[www.dit.ie/ace/studentslearningwithcommunities](http://www.dit.ie/ace/studentslearningwithcommunities)

**OPEN 2017**  
**DAY** **DIT AUNGIER ST.**  
**9AM-2PM 01.12-02.12**



# Disability Access Route to Education (DARE)

## Admissions and the DARE Scheme

School-leavers with a disability applying for full time undergraduate programmes at DIT should apply via the Central Applications Office (CAO), indicating on their application that they have a disability or specific learning difficulty. DIT is a member of the Disability Access Route to Education (DARE) Scheme.

## DARE Code of Practice

The DARE Code of Practice details DIT's admission policy for eligible DARE applicants, details how the reduced points places are allocated and also lists the minimum number of reduced points places available on each DIT undergraduate programme.

For more information on the DARE Code of Practice please contact the Disability Office at the further information details below.

## What is the DARE Scheme?

Dublin Institute of Technology is a member of the Disability Access Route to Education (DARE) Scheme. The Disability Access Route to Education (DARE) is a third level alternative admissions scheme for school-leavers whose disabilities have had a negative impact on their second level education.

DARE offers reduced points places to school leavers who as a result of having a disability have experienced additional educational challenges in second level education. Detailed information is available on the DARE website at [www.accesscollege.ie/dare](http://www.accesscollege.ie/dare)

## Who can apply to DARE?

DARE is for school leavers under the age of 23 as of 1st January 2018, who have the ability to benefit from and succeed in higher education, but who may not be able to meet the points for their preferred course due to the impact of a disability on their second level education. Applicants to DARE can present with an Irish Leaving Certificate, A-Levels and other EU qualifications.

## How do I apply to DARE?

Applicants wishing to apply to DARE should do so online through the CAO by 1st February 2018. Full instructions on how to apply to the DARE Scheme are available on the DARE website at [www.accesscollege.ie](http://www.accesscollege.ie)

No later than 17:15 on 1 March 2018, disclose your disability and/or specific learning difficulty in your CAO application and fully and correctly complete Section A of the Supplementary Information Form (SIF). To apply to DARE, you must answer YES to Question 1 ('Do you wish to be considered for DARE?') on Section A of the fully completed SIF by 17:15 on 1 March 2018.

Download Section B, (Educational Impact Statement), complete the applicant statement section and have the school statement completed by your school and returned to CAO to arrive by 17:15 on 1 April 2018.

# Rochtain do Dhaoine faoi Mhíchumas ar Oideachas (DARE)

## Iontrálacha agus an Scéim DARE

Ba cheart do lucht fágála scoile faoi mhíchumas atá ag cur isteach ar chlárí fochéime lánaimseartha in ITBÁC iarratas a dhéanamh tríd an Lár-Oifig Iontrála (CAO) agus a chur in iúl ar an iarratas go bhfuil mhíchumas nó saindeacracht foghlama acu. Is comhalta den Scéim Rochtana do Dhaoine faoi Mhíchumas ar Oideachas (DARE) é ITBÁC.

## Cód Cleachtais DARE

Tugtar i gCód Cleachtais DARE mionsonraí faoi bheartas iontrála ITBÁC do mhic léinn a cháilíonn do DARE, mionsonraí faoin tslí a leithdháiltear na háiteanna ar phointí laghdaithe agus liosta den líon íosta áiteanna ar phointí laghdaithe atá ar fáil ar gach clár fochéime in ITBÁC.

Chun a thuilleadh eolais a fháil faoi Chód Cleachtais DARE, déan teagmháil le do thoil leis an Oifig Míchumais; sonraí le fáil ag an mhír 'Tuilleadh Eolais' atá thíos.

## Céard é an Scéim DARE?

Is comhalta den Scéim Rochtana do Dhaoine faoi Mhíchumas ar Oideachas (DARE) é Institiúid Teicneolaíochta Bhaile Átha Cliath. Is scéim iontrála mhalartach tríú leibhéal í Rochtain do Dhaoine faoi Mhíchumas ar Oideachas (DARE) do lucht fágála scoile a raibh tionchar diúltach ag a mhíchumas ar a n-oideachas dara leibhéal.

Cuireann DARE áiteanna ar phointí laghdaithe ar fáil do lucht fágála scoile a raibh dúshlán bhreise oideachais le sárú acu le linn a gcuid oideachais dara leibhéal mar thoradh ar a mhíchumas. Tá eolas mionsonraithe ar fáil ar láithreán gréasáin DARE ag [www.accesscollege.ie/dare](http://www.accesscollege.ie/dare)

## Cé atá in ann iarratas a dhéanamh ar DARE?

Is do lucht fágála scoile é DARE (daltaí faoi bhun 23 bliain d'aois amháin an 1ú Eanáir 2018) a bhfuil sé ar a gcumas leas a bhaint as ardoideachas agus dul chun cinn a dhéanamh ann ach seans nach féidir leo na pointí dá rogha cúrsa a bhaint amach de bharr an tionchar atá ag a mhíchumas ar a gcuid oideachais dara leibhéal. Féadfaidh iarratasóirí ar DARE Teastas Ardteistiméireachta na hÉireann, A-Leibhéil agus cáilíochtaí AE eile a chur faoi bhráid.

## Conas iarratas a dhéanamh ar DARE?

Ba cheart d'iarratasóirí ar mian leo cur isteach ar DARE sin a dhéanamh ar líne tríd an CAO faoin 1ú Feabhra 2018. Tá treoir iomlán faoin tslí le cur isteach ar an Scéim DARE le fáil ar láithreán gréasáin DARE ag [www.accesscollege.ie](http://www.accesscollege.ie)

Cuir an mhíchumas agus/nó an deacracht foghlama atá ag dul duit in iúl ar d'iarratas CAO tráth nach déanaí ná 17:15 an 1ú Márta 2018 agus Cuid A den Fhoirm Eolais Bhreise (SIF) a chomhlánú go hiomlán agus go cuí. Chun cur isteach ar DARE, ní mór duit TÁ a thabhairt mar fhreagra ar Cheist 1 ('An bhfuil tú ag iarraidh go mbreithneofar tú le haghaidh DARE?') i gCuid A den SIF comhlánaithe faoin 17:15 an 1 Márta 2018.

Íoslódáil Cuid B (Ráiteas Tionchair Oideachais), tabhair do do scoil í lena comhlánú agus seol ar ais í chuig an CAO faoin 17:15 an 1ú Aibreán 2018.

Download Section C (Evidence of Disability), have it completed by the appropriate medical professional (only if you do not already have a report verifying your disability) and returned to CAO to arrive by 17:15 on 1 April 2018. In place of Section C, applicants with a specific learning difficulty or DCD (Dyspraxia or Dysgraphia) are asked to provide a full psycho-educational assessment completed by an appropriately qualified psychologist. In addition, applicants with DCD (Dyspraxia or Dysgraphia) must provide documentation from an occupational therapist, neurologist or physiotherapist.

#### How does the DARE Scheme apply to DIT?

Each member Institute/University of DARE applies the scheme slightly differently in terms of available places, points reductions and so on. DIT reserves 5% of places on all full-time undergraduate programmes to offer on a reduced-points basis to DARE-eligible students.

Students who enter DIT through the DARE Scheme should register with the Disability Support Service and undergo a needs assessment in order to receive the support they need during their time at DIT. We cannot provide support to students who do not register with us. The DARE Scheme is not available to Mature Students, Postgraduate Students or Part-time Students.

**Note:** You do not have to enter DIT through the DARE Scheme in order to receive supports during your time here. If, for whatever reason, you are deemed ineligible for the DARE Scheme but still have a disability, you may still be able to register with the Disability Support Service.

#### Reduced-points Offers

In order to receive a reduced-points offer through the DARE scheme, applicants must apply to DARE through the CAO and meet both of the following criteria:

- ♦ The applicant must be deemed DARE-eligible
- ♦ The applicant must meet the minimum entry requirements for their chosen programme of study

Applicants who meet both of the above criteria will be considered for an under-points offer of a place on their chosen programme. Once they fulfil both of the above criteria, the applicant's Leaving Certificate points are not taken into account.

#### Important

- ♦ DIT does not require applicants to achieve a minimum number of points in order to be considered for a DARE under-points offer
- ♦ DIT does not grant DARE-eligible students "extra points"
- ♦ DIT does not offer a reduced specific number or percentage of points to DARE-eligible students

Íoslódáil Cuid C (Fianaise ar Mhíchumas), tabhair do dhuine gairmiúil leighis cuí i lena comhlánú (sa chás nach bhfuil tuairisc agat cheana a dhéanann bailíochtú ar an mhíchumas atá ag dul duit) agus seol ar ais í chuig an CAO faoin 17:15 an 1ú Aibreán 2018. In áit Cuid C, iarrtar ar iarratasóirí a bhfuil saindeacracht foghlama nó DCD (Diospraicse nó Diosgraife) ag dul dóibh measúnú síocoideachasúil iomlán arna chomhlánú ag síceolaí cáilithe cuí a sholáthar. Ina theannta sin, ní mór d'iarratasóirí a bhfuil DCD (Diospraicse nó Diosgraife) ag dul dóibh cáipéisíocht ó theiripeoir saothair, néareolaí nó fisiteiripeoir a sholáthar.

#### Conas a chuirtear an scéim DARE i bhfeidhm in ITBÁC?

Déanann gach Institiúid/Ollscoil atá ina comhalta den scéim DARE an scéim a chur i bhfeidhm ar bhealach éagsúil ó thaobh áiteanna ar fáil, laghdú ar phointí, etc. Déantar 5% de na háiteanna ar gach clár fochéime lánaimseartha a choimeád in ITBÁC lena dtairiscint ar bhonn pointí laghdaithe do mhic léinn a cháilíonn don scéim DARE.

Ba cheart do mhic léinn a théann isteach chuig ITBÁC tríd an Scéim DARE clárú leis an tSeirbhís Tacaíochta Míchumais agus measúnú ar riachtanais a dhéanamh d'fhonn an tacaíocht a theastóidh uathu le linn a gcuid ama in ITBÁC a fháil. Ní fhéadfaimid tacaíocht a chur ar fáil do mhic léinn nach gcláraíonn linn. Níl an Scéim DARE ar fáil do Mhic Léinn Lánfhásta, do Mhic Léinn larchéime ná do Mhic Léinn Pháirt-Aimseartha.

**Tabhair ar Aird:** Ní gá duit dul isteach in ITBÁC tríd an Scéim DARE chun tacaíochtaí a fháil le linn do chuid ama anseo. Sa chás go measfar, ar chúis ar bith, nach gcáilíonn tú don Scéim DARE ach go bhfuil mhíchumas ort, seans go mbeidh tú in ann clárú leis an tSeirbhís Tacaíochta Míchumais ar aon nós.

#### Tairiscintí ar Phointí Laghdaithe

Chun tairiscint ar phointí laghdaithe a fháil tríd an scéim DARE, ní mór d'iarratasóirí cur isteach ar DARE tríd an CAO agus na critéir seo a leanas a chomhlíonadh:

- ♦ Ní mór go measfar go gcáilíonn an t-iarratasóir don scéim DARE
- ♦ Ní mór don iarratasóir riachtanais iontrála íosta a gclár roghnaithe staidéir a chomhlíonadh.

Breithneofar iarratasóirí a chomhlíonann an dá cheann de na critéir thuas luaite le haghaidh tairiscint áite ar an gclár a roghnaíonn siad ar phointí laghdaithe. Sa chás go gcomhlíonann siad an dá chritéir thuas luaite, ní chuirtear pointí an iarratasóra sa Scrúdú Ardeistiméireachta san áireamh.

#### Tábhachtach

- ♦ Ní éilíonn ITBÁC ar iarratasóirí líon íosta pointí a bhaint amach chun iad a bhreithniú do thairiscint DARE ar phointí laghdaithe.
- ♦ Ní bhronnann ITBÁC 'pointí breise' ar mhic léinn a cháilíonn do DARE.
- ♦ Ní thairgeann ITBÁC céatadán nó líon sonrach pointí laghdaithe do mhic léinn a cháilíonn do DARE.

### DIT does prioritise offers to the following students

DARE - eligible students with Visual, Hearing or Physical Disabilities, as these student groups are significantly under-represented at Third Level in Ireland.

DARE - eligible students who are also eligible for the HEAR Scheme.

### What this means

Once an applicant is deemed DARE-eligible and meets the minimum entry requirements for their chosen programme, DIT disregards the applicant's Leaving Certificate points. This means that an applicant with 300 points has the same chance as an applicant with 320 points of getting an offer of a place on a 350 point programme.

### Prioritisation of DARE-eligible Applicants with a Physical or Sensory Disability

Research has identified that students with physical and sensory disabilities are particularly under-represented in higher education relative to all students with disabilities in Ireland. In order to increase the numbers of DARE students with physical and sensory disabilities being admitted to higher education, the DARE colleges have agreed to prioritise these two groups when allocating reduced points places. Eligible applicants with physical and sensory disabilities can only be prioritised where they have met all the admissions criteria for consideration.

### Prioritisation of Applicants Eligible for both DARE and HEAR

Research has identified that students with disabilities from disadvantaged backgrounds face considerable challenges in terms of their chances of progressing to higher education in Ireland. In order to increase the number of students facing the "double disadvantage" of socio-economic disadvantage and disability, DARE and HEAR colleges have agreed to prioritise applicants eligible for both DARE and HEAR when allocating reduced points places. Applicants eligible for both schemes can only be prioritised where they have met all the admissions criteria for consideration.

### Remaining Places are then allocated as follows

Where there are more DARE-eligible applicants who meet minimum entry requirements than there are available places, a random selection process will be utilised to select applicants to receive under-points offers. This is the fairest and most transparent method and ensures that all eligible applicants have an equal chance of receiving an offer of a place at DIT.

**Important** - Being DARE - eligible does not guarantee you a reduced-points place.

Tugtar tosaíocht in ITBÁC do thairiscintí do na mic léinn seo a leanas  
Mic léinn a cháilíonn do DARE agus a bhfuil Míchumais Amhairc, Éisteachta nó Fisiciúla orthu, de bharr go ndéantar tearc-ionadaíocht suntasacht ar na grúpaí sin mac léinn in oideachas Tríú Leibhéal in Éirinn.

Mic léinn a cháilíonn do DARE agus a cháilíonn freisin don Scéim HEAR.

### Cad a chiallaíonn sin

Sa chás go meastar go gcáilíonn iarratasóir do DARE agus go gcomhlíonann siad na híosriachtanais iontrála don chlár a roghnaigh siad, déanann ITBÁC neamhaird ar na pointí a fuair siad sa Teastas Ardteistiméireachta. Ciallaíonn sin go bhfuil an deis chéanna ag iarratasóir a fhaigheann 300 pointe agus ag iarratasóir a fhaigheann 320 pointe go bhfaighidh siad tairiscint ar áit ar chlár 350 pointe.

### Tosaíocht a thabhairt d'iarratasóirí a cháilíonn don scéim DARE a bhfuil Míchumas Céadfach nó Fisiceach orthu

Léiríonn taighde go ndéantar tearc-ionadaíocht mhór ar mhic léinn a bhfuil míchumas céadfach nó fisiceach orthu san ard-oideachas i measc na mac léinn go léir in Éirinn a bhfuil míchumas orthu. D'fhonn an líon mac léinn DARE a bhfuil míchumas céadfach nó fisiceach orthu a scaoiltear isteach san oideachas tríú leibhéal a mhéadú, chomhaontaigh na coláistí DARE tosaíocht a thabhairt don dá ghrúpa sin agus áiteanna ar phointí laghdaithe á leithdháileadh acu. Ní féidir tosaíocht a thabhairt d'iarratasóirí incháilithe a bhfuil míchumas céadfach nó fisiceach orthu ach amháin sa chás gur chomhlíon siad na riachtanais riaracháin go léir chun iad a bhreithniú.

### Tosaíocht a thabhairt d'iarratasóirí a Cháilíonn do DARE agus do HEAR araon

De réir taighde bíonn dúshlán shuntasacha roimh mhic léinn ó chúlra faoi mhíbhuntáiste a bhfuil míchumas orthu maidir leis an deis a bhíonn acu dul ar aghaidh go dtí ardoideachas in Éirinn. D'fhonn cur leis an líon mac léinn a mbíonn an "dúshlán dubailte" de mhíbhuntáiste socheacnamaíoch agus míchumas le sárú acu, chomhaontaigh coláistí DARE agus HEAR tosaíocht a thabhairt d'iarratasóirí a cháilíonn do DARE agus do HEAR araon an tráth a bhíonn siad ag leithdháileadh áiteanna ar phointí laghdaithe. Ní féidir tosaíocht a thabhairt d'iarratasóirí a cháilíonn don dá scéim ach amháin sa chás gur chomhlíon siad na riachtanais riaracháin go léir chun iad a bhreithniú.

### Mar seo a leanas a leithdháiltear na háiteanna eile

Sa chás gur mó an líon iarratasóirí a cháilíonn do DARE agus a chomhlíonann na híosriachtanais iontrála ná an líon áiteanna ar fáil, bainfear úsáid as próiseas roghnúcháin randamaigh chun na hiaratasóirí a gheobhaidh tairiscintí ar áiteanna ar phointí laghdaithe a roghnú. Is é seo an bealach is cothroime agus is trédhearcaí agus cinntíonn sé go mbeidh an deis chéanna ag gach iarratasóir incháilithe ar thairiscint ar áit in ITBÁC a fháil.

**Tábhachtach** - Ní thugann incháilitheacht do DARE ráthaíocht go bhfaighidh tú áit ar phointí laghdaithe.

### Re-allocation of Unused Places

Note: DIT is also a member of the HEAR Scheme. In cases where reserved places for HEAR applicants have not been filled, these places may be offered to eligible DARE applicants. Similarly, in cases where reserved places for DARE applicants have not been filled, these places may be offered to HEAR applicants.

### Merit Offers

DARE-eligible applicants who achieve more than the required points for their chosen programme receive offers in the same manner as any other student and do not count against the 5% of places allocated for under-points offers. Such students must still meet the minimum entry requirements for their chosen programme, and are encouraged to register with the DSS in order to receive supports during their time at DIT.

### Minimum Entry Requirements and Language Waivers

All applicants to DIT applying on the basis of their Leaving Certificate, regardless of whether they are DARE-eligible or not, or meet the points requirement or not, must meet the programme-specific minimum entry requirements for their chosen programme of study.

Some programmes in DIT have a modern language as a minimum entry requirement (e.g. DT555 International Business & Languages). Applicants who do not meet this minimum entry requirement cannot be considered for a place on such a programme, regardless of whether they have been granted a language waiver in the Leaving Certificate.

Applicants are strongly advised to consult the minimum entry requirements for their chosen programme prior to applying through DARE and the CAO. Details of minimum entry requirements for all programmes are available in the DIT prospectus and online.

### Further Information

Please contact us if you need to find out more, or have a specific query. E: [dare@dit.ie](mailto:dare@dit.ie).

### Athleithdháileadh ar Áiteanna gan Úsáid

Tabhair ar Aird: Is comhalta den Scéim HEAR chomh maith é ITBÁC. I gcás nach líontar áiteanna a coinníodh d'iaratasóirí HEAR, is féidir na háiteanna sin a thairiscint d'iaratasóirí a cháilíonn don scéim DARE. Ar an tslí chéanna, i gcás nach líontar áiteanna a coinníodh d'iaratasóirí DARE, is féidir na háiteanna sin a thairiscint d'iaratasóirí a cháilíonn don scéim HEAR.

### Tairiscintí Fiúntais

Maidir le hiarratasóirí a cháilíonn don scéim DARE agus a fhaigheann níos mó ná na pointí a theastaíonn don chlár a roghnaigh siad, faigheann siad tairiscintí ar an mbealach céanna le mic léinn ar bith eile agus níl tionchar acu ar an 5% d'áiteanna a leithdháiltear do thairiscintí ar phointí laghdaithe. Ní mór do mhic léinn mar sin na híosriachtanais iontrála a chomhlíonadh fós don chlár a roghnaigh siad agus moltar dóibh clárú leis an tSeirbhís Tacaíochta Míchumais chun tacaíochtaí a fháil le linn a gcuid ama in ITBÁC.

### Iósriachtanais Iontrála agus Tarscaoileadh Teanga

Ní mór do gach iartrasóir ar ITBÁC a dhéanann iarratas ar bhonn an Teastais Ardeistiméireachta, cibé an gcáilíonn nó nach gcáilíonn siad don scéim DARE, nó cibé an gcomhlíonann nó nach gcomhlíonann siad an riachtanas ó thaobh pointí, ní mór dóibh na híosriachtanais iontrála don chlár staidéir a roghnaigh siad a chomhlíonadh.

Tá nuatheanga mar íosriachtanas iontrála ag roinnt clár in ITBÁC (e.g. DT555 Gnó Idirnáisiúnta agus Teangacha). Ní féidir iartrasóirí nach gcomhlíonann an t-íosriachtanas iontrála seo a bhreithniú le haghaidh áit ar chlár den sórt sin, fiú amháin sa chás gur bronnadh tarscaoileadh teanga orthu sa Scrúdú Ardeistiméireachta.

Moltar d'iartrasóirí na híosriachtanais iontrála a sheiceáil don chlár a roghnaíonn siad sula ndéanann siad iarratas ar DARE agus ar an CAO. Tá mionsonraí faoi na híosriachtanais do gach clár ar fáil i réamheolaire ITBÁC agus ar líne.

### Tuilleadh Eolais

Déan teagmháil linn má tá tuilleadh eolais uait nó má tá ceist faoi leith agat. R: [dare@dit.ie](mailto:dare@dit.ie).





# Advanced Entry

**Please note:** If you are an existing DIT undergraduate student and wish to transfer into another DIT undergraduate programme, you will not have to complete the CAO Advanced Entry application form. All existing DIT students who wish to transfer into another DIT undergraduate programme must contact their Head of Programme directly to facilitate the transfer.

## What is Advanced Entry?

Advanced Entry is where an applicant has previous work experience and/or educational achievements that are considered directly relevant to the programme they wish to apply for. In such a case, it is possible to gain entry to the second or subsequent year of an undergraduate programme in DIT.

## Are International Students eligible for Advanced Entry?

Non-EU applicants are welcome to apply. If you wish to be considered for Advanced Entry you must apply directly through DIT.

Please apply via the Non-EU Application Button on the relevant programme webpage, ensuring to upload your most up to date and all other relevant supporting documentation including detailed exam results, transcripts and details of relevant work experience, CV etc

[www.dit.ie/studyatdit/undergraduate/programmes/courses](http://www.dit.ie/studyatdit/undergraduate/programmes/courses)

**Please note:** If you are unsure of your status, please contact the Non-EU Undergraduate Admissions Office before filling out the Advanced Entry application form.

Contact details (application queries, including fee status);  
Email: [ug.international@dit.ie](mailto:ug.international@dit.ie)

## What is the deadline for submitting a 2018 Advanced Entry on-line application?

EU/Non-EU Applications for most programmes must be made by close of business on 30th June 2018. If the Institute is accepting Advanced Entry applications to a course, you can make the application by clicking the Apply Button in the course content page.

### Please note:

- EU applicants must send their most up to date and all other relevant supporting documentation including detailed exam results, transcripts and details of relevant work experience, CV etc to the CAO where it will be added to your application form. Remember to include your application number with all correspondence
- Non-EU applicants should upload their most up to date and all other relevant supporting documentation including detailed exam results, transcripts and details of relevant work experience, CV etc via their online application

Failure to supply supporting documentation may result in your application being rejected.

# Uasiontráil

**Tabhair do d'aire, le do thoil:** Más amhlaidh gur mac léinn fochéime reatha de chuid ITBÁC tú agus más mian leat aistriú anonn go clár eile fochéime in ITBÁC ní bheidh ort foirm iarratais uasiontrála an CAO (Lár-Oifig Iontrála) a chomhlánú. Ní mór do gach mac léinn reatha ITBÁC ar mhian leis/léi aistriú anonn go clár eile fochéime in ITBÁC teagmháil a dhéanamh go díreach lena C(h)eannasaí Cláir chun an t-aistriú a éascú.

## Céard is Uasiontráil ann?

Is éard atá i gceist le huasiontráil ná cás ina mbíonn taithí oibre agus/nó gnóthachtáil oideachasúil roimhe sin ag iarratasóir a mheastar a bheith ábhartha go díreach leis an gclár ar mhian leis/léi cur isteach air. Sa chás sin is féidir cead isteach a fháil sa dara bliain nó sa bhliain dá éis de chlár fochéime ITBÁC.

## An bhfuil Mic Léinn Idirnáisiúnta incháilithe le haghaidh Uasiontrála?

Tá fáilte roimh iarratasóirí neamh-AE iarratas a dhéanamh. Más mian leat a bheith curtha san áireamh le haghaidh Uasiontrála ní mór duit iarratas a dhéanamh go díreach trí ITBÁC.

Déan d'iarratas, le do thoil, via Cnaipe Iarratais Neamh-AE ar leathanach gréasáin an chlár i gceist, ag déanamh cinnte do chuid sonraí is déanaí, mar aon le gach cáipéis tacaíochta ábhartha, lena n-áirítear torthaí scrúduithe, tras-scríbhinní agus sonraí faoi thaithí oibre ábhartha, CV &rl, a uaslódáil.

[www.dit.ie/studyatdit/undergraduate/programmes/courses](http://www.dit.ie/studyatdit/undergraduate/programmes/courses)

**Tabhair do d'aire, le do thoil:** Má bhíonn tú in amhras faoi do stádas, déan teagmháil, le do thoil, leis an Oifig Iontrála Fochéime Neamh-AE sula ndéanann tú an fhoirm iarratais Uasiontrála a chomhlánú.

Sonraí Teagmhála (ceisteanna faoi iarratais, lena n-áirítear stádas maidir le táillí); R.phost: [ug.international@dit.ie](mailto:ug.international@dit.ie)

## Céard é an spriocdháta chun iarratas ar líne Uasiontrála 2018 a chur isteach?

Ní mór iarratais AE/Neamh-AE i leith mórán na gclár a chur isteach faoi am scoir ar an 30 Meitheamh 2018. Má bhíonn an Institiúid ag glacadh le hiarratais Uasiontrála do chúrsa ar leith is féidir iarratas a dhéanamh tríd an gCnaipe Iarratais ar leathanach inneachair an chlár a chliceáil.

### Tabhair do d'aire, le do thoil:

- Ní mór d'iarratasóirí AE a gcuid sonraí is déanaí, mar aon le gach cáipéis tacaíochta ábhartha, lena n-áirítear torthaí mionsonracha scrúduithe, tras-scríbhinní agus sonraí faoi thaithí oibre ábhartha, CV &rl, a chur chuig an CAO (Lár-Oifig Iontrála), áit a chuirfear le d'iarratas é. Cuimhnigh d'uimhir iarratais a iniúint le gach comhfhreagras.
- Ba chóir d'iarratasóirí Neamh-AE a gcuid sonraí is déanaí, mar aon le gach cáipéis tacaíochta ábhartha, lena n-áirítear torthaí mionsonracha scrúduithe, tras-scríbhinní agus sonraí faoi thaithí oibre ábhartha, CV &rl, a uaslódáil via a n-iarratais ar líne.

Má theipeann ort cáipéisí tacaíochta a chur isteach is féidir go ndíúltófaí do d'iarratas.

### Are Advanced Entry places available in all programmes?

Advanced Entry places are available in a large number of programmes across all Colleges in DIT.

### How do I make an Advanced Entry application?

**EU Applicants-** Most Advanced Entry applications are now made via the CAO website.

The following programmes are NOT available to apply for via CAO but are directly available via the DIT website:

- ♦ DT080B - Networking Applications & Services - Level 8 Honours Degree
- ♦ DT226A - Biomolecular Science - Level 8 Honours Degree
- ♦ DT406A - Tourism Management - Level 8 Honours Degree
- ♦ DT408A - Hospitality Management - Level 8 Honours Degree
- ♦ DT411H - Leisure Management - Level 8 Honours Degree
- ♦ DT8418 - Baking & Pastry Arts Management - Level 8 Honours Degree
- ♦ DT6425 - Pharmacy Technician Studies - Level 6 Higher Certificate
- ♦ DT8409 - Hospitality Management - Level 8 Higher Diploma

### Non-EU applicants

Applicants who wish to be considered for Advanced Entry must apply directly through DIT. Please apply via the Non-EU Application Button on the relevant programme webpage.

[www.dit.ie/studyatdit/undergraduate/programmescourses/](http://www.dit.ie/studyatdit/undergraduate/programmescourses/)

### Please note:

- ♦ EU applicants must send their most up to date and all other relevant supporting documentation including detailed exam results, transcripts and details of relevant work experience, CV etc to the CAO where it will be added to your application form. Remember to include your application number with all correspondence
- ♦ Non-EU applicants should upload their most up to date and all other relevant supporting documentation including detailed exam results, transcripts and details of relevant work experience, CV etc via their online application.

Failure to supply supporting documentation may result in your application being rejected.

### Are late applications being accepted?

For the majority of programmes the answer is yes, although applicants must be aware that their application may not be processed as the priority goes to applicants who met the deadline.

### How are Advanced Entry applications evaluated?

Advanced Entry applications are assessed on the basis of availability of places in the relevant programme year and on merit. The following are some examples of Advanced Entry:-

- ♦ Applicants who have partially completed a third-level programme at a Higher Education Institution may be considered for Advanced Entry to a related DIT Level 8 degree programme at an appropriate level

### An bhfuil áiteanna Uasiontrála ar fáil do gach clár?

Tá áiteanna Uasiontrála ar fáil i gcás líon mór clár ar fud na gColáistí ar fad in ITBÁC.

### Conas is féidir liom iarratas Uasiontrála a dhéanamh?

**Iarratasóirí AE** - Déantar mórán na n-iarratas Uasiontrála anois via suíomh gréasáin an CAO (Lár-Oifig Iontrála).

Níl fáil ar na cláir seo a leanas via CAO (Lár-Oifig Iontrála) ach tá fáil orthu go díreach via suíomh gréasáin ITBÁC:

- ♦ DT080B - Feidhmchláir & Seirbhísí Líonraithe-Leibhéal 8 Céim Onóracha
- ♦ DT226A - Eolaíocht Bhithmhóilíneach - Leibhéal 8 Céim Onóracha
- ♦ DT406A - Bainistíocht Turasóireachta - Leibhéal 8 Céim Onóracha
- ♦ DT408A - Bainistíocht Fáilteachais - Leibhéal 8 Céim Onóracha
- ♦ DT411H - Bainistíocht Fóillíochta- Leibhéal 8 Céim Onóracha
- ♦ DT8418 - Bainistíocht Ealaíon Báicéireachta & Taosráin - Leibhéal 8 Céim Onóracha
- ♦ DT6425 - Staidéar Teicneora Cógaslainne-Leibhéal 6 Ardeastas
- ♦ DT8409 - Bainistíocht Fáilteachais-Leibhéal 8 Ard-Diplóma

### Iarratasóirí Neamh-AE

Iarratasóirí ar mhian leo a bheith san áireamh le haghaidh Uasiontrála ní mór dóibh iarratas a dhéanamh go díreach trí ITBÁC. Déan d'iarratas, le do thoil, via Cnaipe Iarratais Neamh-AE ar leathanach gréasáin an chlár i gceist.

[www.dit.ie/studyatdit/undergraduate/programmescourses/](http://www.dit.ie/studyatdit/undergraduate/programmescourses/)

### Tabhair do d'aire, le do thoil:

- ♦ Ní mór d'iarratasóirí AE a gcuid sonraí is déanaí, mar aon le gach cáipéis tacaíochta ábhartha, lena n-áirítear torthaí mionsonracha scrúduithe, tras-scríbhinní agus sonraí faoi thaithí oibre ábhartha, CV &rl, a chur chuig an CAO (Lár-Oifig Iontrála), áit a chuirfear le d'fhoirm iarratais é. Cuimhnigh d'uimhir iarratais a iniomh le gach comhfhreagrais.
- ♦ Ba chóir d'iarratasóirí Neamh-AE a gcuid sonraí is déanaí, mar aon le gach cáipéis tacaíochta ábhartha, lena n-áirítear torthaí mionsonracha scrúduithe, tras-scríbhinní agus sonraí faoi thaithí oibre ábhartha, CV &rl, a uaslódáil via a n-iarratais ar líne. Má theipeann ort cáipéisí tacaíochta a chur isteach is féidir go ndíúltófaí do d'iarratas.

### An nglactar le hiarratais dhéanacha?

I gcás mórán na gclár glactar cé nach mór d'iarratasóirí a thuiscint go mb'fhéidir nach ndéanfaí a gcuid iarratas a phróiseáil mar go mbíonn tosaíocht ag na hiarratasóirí sin a choinníonn leis an spriocdháta.

### Conas a dhéantar iarratais Uasiontrála a mheasúnú?

Déantar iarratais Uasiontrála a mheasúnú ar bhonn líon na n-áiteanna atá ar fáil don bhliain sin den chlár agus de réir fiúntais. Seo a leanas roinnt samplaí d'Uasiontráil:-

- ♦ Is féidir machnamh a dhéanamh faoi iarratasóirí a bhfuil páirt de chlár tríú leibhéal críochnaithe acu in Institiúid Ardoideachais le haghaidh Uasiontrála chuig clár gaolmhar céime ITBÁC Leibhéal 8, ag leibhéal iomchuí.

- ♦ Applications will also be considered from applicants with extensive work experience from an area relevant to a Level 8 DIT degree programme
- ♦ QQI Level 7 with merit, will be considered for third year of a related honours degree at DIT
- ♦ QQI Level 6 (or equivalent) with distinction/merit will be considered for third year of a related DIT ordinary degree
- ♦ QQI Level 6 pass with work experience will be considered for third year of a related DIT ordinary degree
- ♦ QQI Level 6 or equivalent will be considered for entry to Year 2 of a related DIT ordinary degree programme

#### When are offers made?

Offers for Advanced Entry places are generally made during the summer months - July and August. Some programmes may offer their places sooner than that. The majority of offers are made by mid-September.

#### Further information is available from;

Dublin Institute of Technology, 143-149 Lower Rathmines Road, Dublin 6, Ireland

- ♦ EU Admissions Office  
Tel: +353 1 402 3302 Email: [advancedentry@dit.ie](mailto:advancedentry@dit.ie)
- ♦ Non-EU Admissions Office  
Email: [ug.international@dit.ie](mailto:ug.international@dit.ie)



# Erasmus+

ERASMUS+ is part of Europe's Lifelong Learning Programme (LLP). The main objectives of the LLP are to promote lifelong learning, to encourage access to education for everybody, to help people acquire recognized qualifications and skills, and to create a European Higher Education Area.

ERASMUS+ allows students to spend a semester or year abroad at a partner institution or host enterprise in the EU / EEA. DIT has been an active participant in the ERASMUS+ programme since its inception and now has 260 partner institutions in 27 countries under this programme. During the academic year 2016-2017 over 320 DIT students took part in the ERASMUS+ programme.

Students have the opportunity to study or work in traditionally well-known countries such as France, Spain and Germany and also in some of the newer European states such as Bulgaria and Romania. The International Office at DIT is responsible for co-ordinating the Erasmus+ programme. Further details are available from [www.dit.ie/erasmusandexchange](http://www.dit.ie/erasmusandexchange) or email: [erasmus@dit.ie](mailto:erasmus@dit.ie).

- ♦ Déanfar machnamh leis ar iarratais ó iarratasóirí a bhfuil cleachtadh oibre cuimsitheach acu i limistéar atá ábhartha do chlár céime ITBÁC Leibhéal 8.
- ♦ Déanfar machnamh ar QQI Leibhéal 7 le tuilleamas, don tríú bliain de chéim onóracha ghaolmhar ag ITBÁC.
- ♦ Déanfar machnamh ar QQI Leibhéal 6 (nó a choibhéis) le gradam/ tuilleamas, don tríú bliain de ghnáthchéim ghaolmhar ITBÁC.
- ♦ Déanfar machnamh ar phas QQI Leibhéal 6 le cleachtadh oibre don tríú bliain de ghnáthchéim ghaolmhar ITBÁC.
- ♦ Déanfar machnamh ar QQI Leibhéal 6 (nó a choibhéis) le haghaidh iontrála chuig Bliain 2 de chlár gaolmhar gnáthchéime ITBÁC.

#### Cathain a dhéantar tairiscintí?

Is iondúil go ndéantar tairiscintí ar áiteanna Uasiontrála le linn mhíonna an tsamhraidh – Iúil agus Lúnasa. D'fhéadfaí tairiscintí ar áiteanna ar roinnt clár a dhéanamh roimhe sin. Bíonn mórán na dtairiscintí déanta faoi lár Mheán Fómhair.

#### Tá breis eolais ar fáil ó;

Institiúid Teicneolaíochta Bhaile Átha Cliath, 143-149 Bóthar Ráth Maoinis Íochtarach, Baile Átha Cliath 6, Éire

- ♦ Oifig Iontrála AE  
Teil: +353 1 402 3302 R.phost: [advancedentry@dit.ie](mailto:advancedentry@dit.ie)
- ♦ Oifig Iontrála Neamh-AE  
R.phost: [ug.international@dit.ie](mailto:ug.international@dit.ie)



# Erasmus+

Clár Gníomhaíochta Foghlama ar Feadh an tSaoil (LLP) is ea é an clár ERASMUS+. Is iad príomhaidhmeanna an LLP ná foghlaim ar feadh an tsaoil a chur chun cinn, fáil ar oideachas do gach éinne chur chun cinn, cuidiú le daoine cailíochtaí agus scileanna aitheanta a fháil agus Limistéar Eorpach an Ardoideachais a chruthú.

Is féidir le mic léinn seimeastar nó bliain a chaitheamh thar lear in institiúid comhpháirtithe nó i bhfiontar óstach san AE/LEE faoin scéim ERASMUS+. Is rannpháirtí gníomhach í ITBÁC sa scéim ERASMUS+ ó bunaíodh í agus anois tá 260 institiúid comhpháirtithe i 27 tír ag glacadh páirte. Le linn na bliana acadúla 2016-2017 ghlac níos mó na 320 mac léinn ITBÁC páirt sa scéim ERASMUS+.

Tá deis ag mic léinn staidéar a dhéanamh sna tíortha traidisiúnta ar nós na Fraince, na Spáinne agus na Gearmáine, chomh maith le ballstáit nua an AE ar nós na Bulgáire agus na Rómáine. Tá Oifig Idirnáisiúnta ITBÁC freagrach as comhordú a dhéanamh ar an scéim ERASMUS+. Tá tuilleadh eolais ar fáil ar [www.dit.ie/erasmusandexchange](http://www.dit.ie/erasmusandexchange) nó ríomhphost: [erasmus@dit.ie](mailto:erasmus@dit.ie).

## Applicants from Outside the EU

The Institute welcomes applicants from outside the EU as it contributes to the diversity of our community. Before you make an application please ensure you have the following information available;

- ♦ Current valid passport
- ♦ Transcripts of most recent examination results
- ♦ English language proficiency results – if English is not your native language

If you do not have all the documentation then don't worry, you can still submit your application and we will contact you about what you need to do next.

It is advisable that you apply early as DIT operates a quota system for non-EU students and places are strictly limited.

For further details or to answer you specific questions our contact details are shown below;

E: [ug.international@dit.ie](mailto:ug.international@dit.ie)

W: [www.dit.ie/studyatdit](http://www.dit.ie/studyatdit)

## National Craft Certificate

Students holding the Level 6 Advanced Certificate awarded by FETAC (National Craft Certificate) are eligible for consideration for entry into related degree programmes provided that they also meet any special entry requirements. A pass in an appropriate subject of the Elementary Technological Certificate Examinations of the Department of Education and Science or an equivalent qualification may be acceptable for meeting any special entry requirements.

## Fees

EU Nationals who are first-time undergraduates and resident in an E.U. State for at least three of the five years preceding entry to the Institute are normally not required to pay tuition fees.

## Iarratasóirí ó Lasmuigh den AE

Fáiltíonn an Institiúid roimh iarratasóirí ó lasmuigh den AE mar go gcuireann sin le héagsúlacht an phobail. Sula ndéanfaidh tú iarratas cinntigh, le do thoil, go bhfuil an t-eolas seo a leanas ar fáil;

- ♦ Pas reatha bailí
- ♦ Trascríbhinn de na torthaí scrúduithe is déanaí
- ♦ Torthaí líofachta teanga i mBéarla – mura Béarla do theanga dúchais

Ná bíodh imní ort mura bhfuil an cháipéiseacht ar fad agat mar beidh tú fós ábalta d'iarratas a dhéanamh agus déanfaimid teagmháil leat faoi cad ba chóir a dhéanamh ina dhiaidh sin.

Moltar duit iarratas a dhéanamh luath mar go bhfuil córas cuóta i bhfeidhm ag ITBÁC maidir le mic léinn nach mic léinn AE iad agus tá áiteanna teoranta.

Chun breis mionsonraí a fháil nó chun freagra a fháil ar cheisteanna sonracha tá ár sonraí teagmhála le fáil thíos;

R: [ug.international@dit.ie](mailto:ug.international@dit.ie)

W: [www.dit.ie/studyatdit](http://www.dit.ie/studyatdit)

## Teastas Náisiúnta Ceirde

Tá mic léinn le hArdteastas Leibhéal 6 bronnta ag FETAC (Teastas Náisiúnta Ceirde) i dteideal iontráil a dhéanamh ar chlár céime gaolta ar an gcoinníoll freisin go gcomhlíonann siad aon riachtanais speisialta iontrála. Glacfar le pas in ábhar feiliúnach de Scrúduithe Teastais Teicneolaíochta Bunúsach an Roinn Oideachais agus Eolaíochta nó cáilíocht ar chomhionann chun na riachtanais iontrála speisialta a chomhlíonadh.

## Táillí

Ní ga d'iarratasóirí aon táillí teagaisc a íoc de ghnáth nuair is náisiúnaithe ón Aontas Eorpach iad, atá mar bhunchéimithe don chéad uair agus gnáthchónaí orthu i mball stáit de chuid Aontas na hEorpa ar a laghad 3 as 5 bliana roimh dóibh iontráil a dhéanamh le hInstitiúid Teicneolaíochta Bhaile Átha Cliath.



# Computer Regulations

Staff and students are required to study and abide by the following codes:

- Regulations Governing the Use of Computer Resources
- Code of Conduct for the Use of Software and Datasets
- HEAnet Acceptable Usage Policy

These codes and other procedures are set out on the DIT Web Site ([www.dit.ie](http://www.dit.ie)) and are detailed under Use of IT and Internet Resources in the Regulations section of the Student Handbook and Diary which is issued to students at registration.

# Student Regulations

Applicants who obtain places and subsequently register are required to read and abide by the Student Regulations of the Institute. Copies of the Regulations will be available at registration.

# Rialacháin Ríomhaireachta

Is gá do mhic léinn agus baill foirne staidéar a dhéanamh agus cloí leis na cóid seo a leanas:

- Rialacháin maidir le hÚsáid Acmhainní Ríomhaireachta
- Cód Iompair maidir le hÚsáid Bogearraí agus Tacar Sonraí
- Polasaí Úsáid Inghlactha HEAnet

Tá na cóid seo agus nósanna imeachta eile leagtha amach ar shuíomh gréasáin ITBÁC ([www.dit.ie](http://www.dit.ie)) agus tá sonraí le fáil faoi Úsáid Acmhainní Teicneolaíocht Faisnéise agus Idirlín i Rannóg Rialacháin Lámhleabhar agus Dialann na Mac Léinn a eisítear do mhic léinn ag am chláraithe.

# Rialacháin na Mac Léinn

Maidir le mic léinn a fhaigheann áiteanna agus a chláraíonn ina dhiaidh sin leis an Institiúid, ní mór dóibh Rialacháin na Mac Léinn a léamh agus cloí leo. Beidh cóipeanna de na rialacháin ar fáil ag am chláraithe.



# Entry Points from 2016/2015

PROGRAMME NAME	CODE	2016 Round 1	2015 Round 1
Access Foundation Programme	DT6522	Direct Entry	Direct Entry
Accounting & Finance	DT366	430	440
Architectural Technology	DT175	365	335
Architecture	DT101	605†	590†
Auctioneering, Valuation & Estate Agency	DT104	270	270
Automation Engineering	DT003	260	270
Automotive Management & Technology	DT007	240	240
Aviation Technology	DT011	340	340
Baking & Pastry Arts Management	DT418	290	320
Baking & Pasty Arts Management	DT8418	Advanced Entry	Advanced Entry
Bar & Beverage Management & Entrepreneurship	DT417	280	290
Biomedical & Molecular Diagnostics	DT206	420	NEW 2016
Biomedical Science	DT204	500	500
Biomolecular Science	DT226A	Advanced Entry	Advanced Entry
Biosciences	DT259	390	370
Building Services Engineering (HVACR)	DT026	Advanced Entry	Advanced Entry
Building Services Engineering (HVACR)	DT005	240	225
Business Analytics	DT302	360	NEW 2016
Business & Law	DT321	470	465
Business & Management	DT365	450	445
Business Computing	DT354	350	380
Business Management	DT324	325	350
Business Studies	DT315	330	350
Business Studies	DT364	Advanced Entry	Advanced Entry
Chemical Sciences with Medicinal Chemistry	DT299	395	380
Civil Engineering	DT004	260	260
Civil Engineering	DT027	Advanced Entry	Advanced Entry
Clinical Measurement Science	DT229	465	465
Commercial Modern Music	DT506	750†	860†
Computer Science	DT228	450	425
Computer Science (Infrastructure)	DT211	360	355
Computer Science (International)	DT282	350	365
Construction Management	DT117	325	315
Contemporary Visual Culture	DT533	300	315
Creative & Cultural Industries	DT597	315	315
Culinary Arts	DT407	300	350
Culinary Arts (Professional Culinary Practice)	DT432	250	275
Culinary Entrepreneurship	DT416	290	310
Culinary Science	DT405	330	NEW 2016
Design – Visual Communication	DT545	750†	750†
Drama (Performance)	DT529	365†	400†
Early Childhood Education	DT572	380	380
E-Commerce in Retailing	DT304	NEW 2018	NEW 2018
Economics & Finance	DT399	445	440
Electrical & Control Engineering	DT009	250	250
Electrical & Electronic / Computer & Communications Engineering	DT021A	Advanced Entry	Advanced Entry
Electrical Services & Energy Management	DT035	300	New 2016
Electrical Services Engineering	DT010	250	250
Electronics & Communications Engineering	DT008	260	260
Engineering (General Entry)	DT066	380	380
Engineering (General Entry)	DT097	375	340
Engineering Systems Maintenance	DT002	240	240
Environmental Health	DT491	330	340
Event Management	DT413	365	370
Film & Broadcasting	DT504	450	430
Fine Art	DT546	645†	650†
Food Innovation (Degree Options - Food or Brewing & Distilling)	DT421	375	410
Food Sales & Culinary Practice	DT404	250	NEW 2016
Food Science & Management	DT424	320	300

# PROGRAMME NAME

# CODE

# 2016 Round 1

# 2015 Round 1

Forensic & Environmental Chemistry	DT203	325	325
Game Design	DT508	385	375
Geographic Science	DT112	300	315
Hospitality Management	DT408	250	290
Hospitality Management	DT408A	Advanced Entry	Advanced Entry
Hospitality Management (HDip) - Conversion Only	DT8409	Advanced Entry	Advanced Entry
Human Nutrition & Dietetics	DT223	550	560 xxx
Human Resource Management	DT398	375	385
Industrial & Environmental Physics	DT260	255	255
Industrial Mathematics	DT220	285	280
Information Systems/Information Technology (Leaving Certificate 3 Years Prior)	DT255	N/A	N/A
Interior Design	DT544	575†	575†
International Business & Languages (Chinese, French, German, Irish, Italian, Spanish)	DT555	New 2017	New 2017
International Hospitality Management	DT401	300	310
Journalism	DT582	380	380
Languages & English Studies	DT517	320	320
Languages & International Tourism (Chinese, French, German, Irish, Italian, Spanish)	DT518	New 2017	New 2017
Law	DT532	425	420
Leisure Management	DT411	250	300
Leisure Management	DT411H	Advanced Entry	Advanced Entry
Logistics & Supply Chain Management	DT358	300	300
Manufacturing & Design Engineering	DT023	Advanced Entry	Advanced Entry
Marketing	DT303	360	330
Marketing	DT341	405	410
Mathematical Sciences	DT205	300	300
Mechanical Engineering	DT006	320	310
Mechanical Engineering	DT022	Advanced Entry	Advanced Entry
Medical Device Innovation	DT710	Advanced Entry	Advanced Entry
Medicinal Chemistry & Pharmaceutical Sciences	DT261	340	350
Music	DT501	400†	320†
Music Education (Apply Through Trinity College Dublin)	DT528	See www.tcd.ie	See www.tcd.ie
Networking Applications & Services	DT080B	Advanced Entry	Advanced Entry
Networking Technologies	DT080	260	260
Nutraceuticals in Health & Nutrition	DT420	430	430
Ophthalmic Dispensing	DT219	300	300
Optometry	DT224	490	480
Pharmaceutical Healthcare	DT422	390	395
Pharmacy Technician Studies	DT425	370	350
Photography Ω	DT559	700†	605†
Physics Technology	DT222	315	315
Physics with Energy & Environment	DT221	315	335
Physics with Medical Physics & Bioengineering	DT235	330	330
Planning & Environmental Management	DT106	300	280
Print Media Technology & Management	DT596	280	285
Product Design	DT001	435	415
Property Economics (Valuation Surveying)	DT110	350	330
Public Health Nutrition	DT225	400	400
Quantity Surveying & Construction Economics	DT111	350	330
Retail & Services Management	DT343	300	330
Retail Management & Marketing	DT360	300	300
Science (General Entry)	DT201	470	460
Science (General Entry)	DT212	360	360
Science with Nanotechnology	DT227	300	325
Social Care	DT571	405	400
Structural Engineering	DT024	Advanced Entry	Advanced Entry
Timber Product Technology	DT169	245	260
Tourism Management	DT406	290	290
Tourism Management	DT406A	Advanced Entry	Advanced Entry
Tourism Marketing	DT412	290	295
Transport Operations & Technology	DT028	270	275
Visual Art (Sherkin Isl&)	DT589	Direct Entry	Direct Entry
Visual Merch&ising & Display	DT598	505†	500†

## KEY

† = Includes Score For Additional Assessments    xxx = Not All Applicants Received Places

# Working to create a Technological University for Dublin

DIT is working in an alliance with our partner institutions in IT Blanchardstown and IT Tallaght to create Ireland's first Technological University. The new institution will be developed on our three campuses in Dublin - at Grangegorman, Blanchardstown and Tallaght - and will be supported by a digital campus that will connect all of our students to shared services and learning resources, enabling them to learn at the pace and place of their choice.

Students choosing a course commencing in September 2018 should make their choices based on the programmes offered by DIT, ITB or ITT, as shown in each prospectus. During your studies with us you will be kept informed about the new Technological University. All programmes offered in each of the three institutions will continue to lead to awards that are validated within the Quality and Qualifications Ireland (QQI) framework, from Level 6 to PhD.

The alliance has progressed to the final stage of the four-stage application process for a Technological University. We have already brought together our PhD programmes in a joint Graduate Research School and we are now collaborating on commercialisation of research and on technology transfer.

We are now focused on meeting the criteria outlined for a successful application and as a future student we hope you will join us on the journey.

# Ag obair chun Ollscoil Teicneolaíochta a chruthú do Bhaile Átha Cliath

Tá ITBÁC ag obair i gcomhar lenár n-institiúidí comhpháirtíochta, IT Bhaile Bhlainséir agus IT Thamhlacht chun anchéad Ollscoil Teicneolaíochta in Éirinn a chruthú. Déanfar an institiúid nua a fhorbairt ar ár dtrí champas i mBaile Átha Cliath - i nGráinseach Ghormáin, i mBaile Bhlainséir agus i dTamhlacht - agus beidh tacaíocht aici ó champas digiteach a nascfaidh na mic léinn ar fad le hacmhainní foghlama agus seirbhísí comhroinnte, rud a chuirfidh ar a gcumas a bheith ag foghlaim ag an luas agus an áit a roghnaíonn siad féin.

Is ceart do mhic léinn atá ag roghnú cúrsa staidéir atá le tosú i Meán Fómhair 2018, a gcuid roghanna a dhéanamh bunaithe ar na cláir atá á soláthar ag ITBÁC, ITBB nó ITT, mar a léirítear i ngach réamheolaire. Le linn do chuid staidéir linn, coinneofar ar an eolas tú faoin Ollscoil Teicneolaíochta nua. Leanfaidh leis na cláir go léir atá ar fáil i ngach ceann de na trí institiúid i dtreo dámhachtainí a ndéantar iad a bhailíochtú laistigh den chreat Dearbhaithe Cáilíochta agus Cáilíochtaí Éireann, ó leibhéal 6 go dtí PhD.

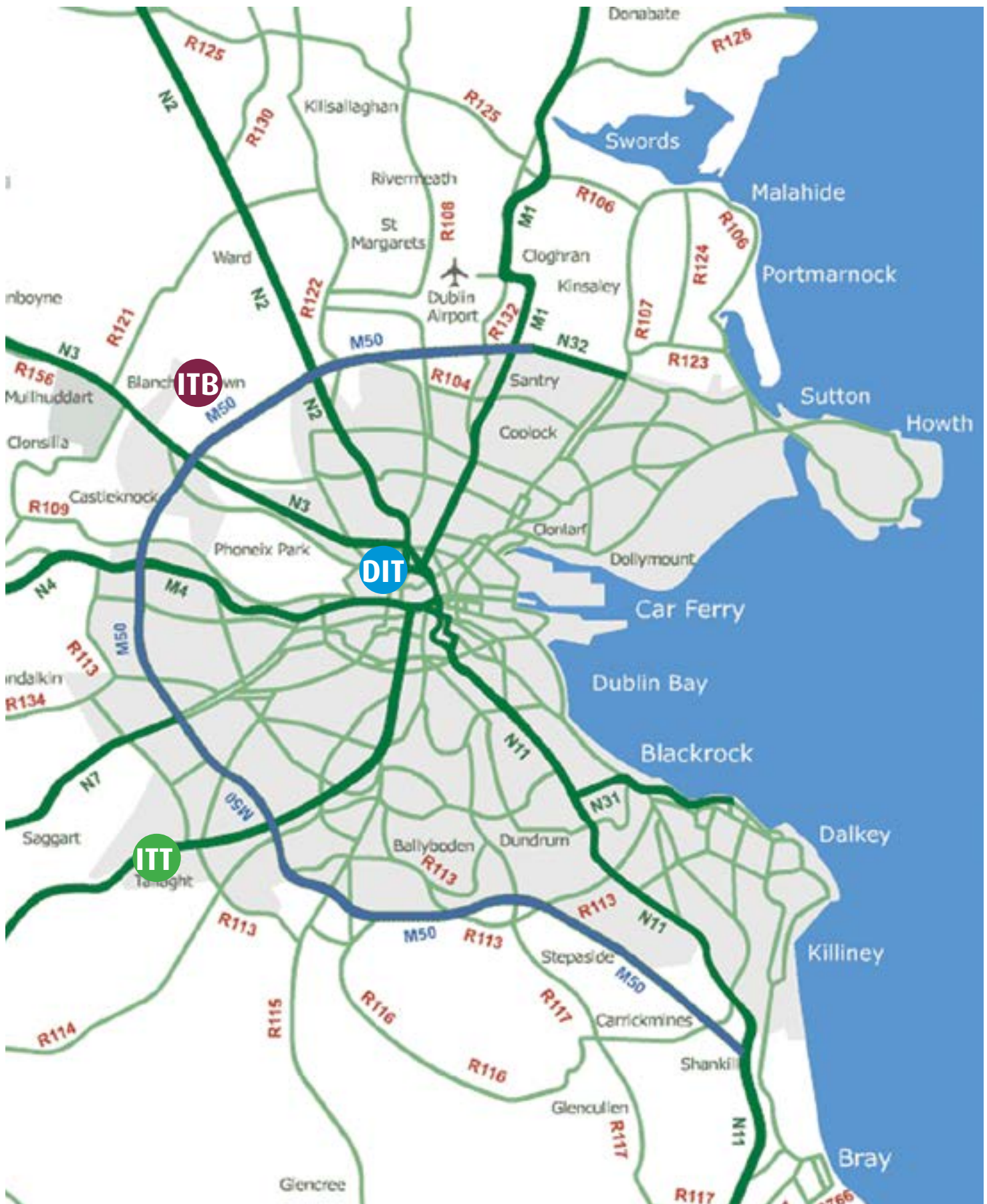
Tá an chomhghuaillíocht imithe ar aghaidh go dtí an chéim dheiridh den phróiseas iarratais cheithre chéime maidir le hOllscoil Teicneolaíochta. Tá ár gcláir PhD tugtha le chéile againn cheana féin i Scoil Taighde Iarchéime i gcomhar agus táimid anois i mbun comhoibriú ar thaighde a thráchtáil agus ar theicneolaíocht a aistriú.

Táimid anois dírithe ar na critéir a chomhlíonadh atá leagtha amach d'iarratas rathúil agus tá súil againn go mbeidh tú mar mhac léinn linn roimh i bhfad agus go mbeidh tú linn ar an aistear seo.





# Campus Locations



## NOTES

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