

# POSTGRADUATE STUDY & RESEARCH 2015 @ CIT



# HANDBOOK

# POSTGRADUATE STUDY & RESEARCH 2015 @ CIT

CIT School of Graduate Studies  
t: 021 433 5099 e: [graduate.school@cit.ie](mailto:graduate.school@cit.ie)

[www.cit.ie/graduateschool](http://www.cit.ie/graduateschool)

# WELCOME

## FROM THE DEAN OF GRADUATE STUDIES

Every year a growing number of graduates select CIT as the destination of choice for their postgraduate education. As a CIT Masters or PhD student, you can expect the support of staff that will guide and mentor you along your chosen career path. Whether pursuing a research or taught programme, you can expect to work on solving complex problems in cutting-edge research and innovation that is linked directly to Ireland's smart economy in areas such as business, humanities, engineering, art, bioinformatics, optoelectronics, medical devices, sustainable energy, healthcare, media & communications technologies, electronics, information technology, entrepreneurship, marketing, and music. Of course, it also helps greatly that CIT boasts state-of-the-art buildings and laboratories with world-class facilities that enable postgraduate students to reach their full potential. The fact that CIT researchers attract funding from enterprise and from a wide range of National, European and International funding programmes provides the financial engine that supports these graduates in following their postgraduate dream.

So, the clear message here is: as a highly-motivated, ambitious graduate, why not avail of the opportunities at CIT for a Masters or PhD by research? Learning at CIT gives you a choice of four campuses distributed across a compact city with a vibrant sporting, music and cultural life. And when the time comes to leave CIT, you will join our 100,000 plus graduates, with many of our alumni reaching the top of their professions. You will definitely make a great investment in your future by choosing a CIT postgraduate programme.

**Dr Stephen Cassidy**  
**Dean of Graduate Studies**

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**Note:** This symbol indicates that International Students are eligible to apply for this course.



# ABOUT

## CORK INSTITUTE OF TECHNOLOGY

CIT has four principal Campuses:

- Bishopstown Campus situated in the suburbs of Cork City
- CIT Crawford College of Art & Design (CIT CCAD) situated in Cork City
- CIT Cork School of Music (CIT CSM) situated in Cork City
- National Maritime College of Ireland (NMCI) situated in Ringaskiddy, Cork Harbour.

### The Bishopstown Campus

The Bishopstown Campus is the main centre, and is the location for courses in Business, Science, Computing, Engineering and Humanities. Also located here are Student Services, Administration, Research Centres and Industry Support Centres. The Bishopstown Campus is situated in the western suburbs of Cork city. Leisureworld Sports Centre, which includes both a 25m and an 18m swimming pool, is right next door. Just a few minutes walk away are the suburbs of Bishopstown and Wilton with shops, restaurants and sports facilities. The city centre is just a short bus ride away.

The Student Centre is the main focus for student activity and leisure. It has all the services you could hope for, such as a common room, restaurant, meeting rooms, bank, supermarket, and various student services.

The NIMBUS Centre is Ireland's only research centre devoted to the field of embedded electronic systems. NIMBUS provides space for up to 90 researchers, including facilities for undergraduate project students, visiting postgraduate students and researchers from other institutions.

The Rubicon Centre is a business incubation centre for young graduates. It provides a supportive on-campus environment for start-up businesses. The CIT Information Technology Centre consists of computer laboratories, seminar rooms and open access computer stations for hundreds of students. All these computers are fully networked and online.

The library provides books, journals, audio-visual and electronic information resources appropriate to all subjects taught in the Institute. The library provides access to online resources; including journals, standards, and reports, and electronic catalogues of worldwide libraries; and 500 study places.





## CIT Crawford College of Art & Design (CCAD)

[www.cit.ie/ccad](http://www.cit.ie/ccad)

CIT Crawford College of Art & Design is a Constituent College of CIT. This self-contained College is located in Sharman Crawford Street, within walking distance of the city centre.

Crawford graduates are among Ireland's top artists, designers, media designers and communicators, art therapists and art educationalists. Whether you are interested in Fine Art or Contemporary Applied Art, Visual Communications or Multimedia or hoping to do postgraduate study in Art Therapy, Art & Design Education, Art & Process, E-learning Design and Development, Journalism or Public Relations with New Media - we have something for you.

The vibrant city of Cork - known as the City of Festivals - is home to national and international art galleries, the National Sculpture Factory, a range of artist-led initiatives such as Cork Printmakers, the Backwater Artists Group and the Guesthouse, and of course, is an ideal place to work in the creative industries.

Facilities include lecture rooms, library, studios, and personal work-areas for students. There are well equipped workshops and laboratories for an extensive range of specialist areas. The CCAD annual Degree Show is one of the highlights of the arts calendar in Cork.



## CIT Cork School of Music (CSM)

[www.cit.ie/csm](http://www.cit.ie/csm)

CIT Cork School of Music is a Constituent School of CIT. The CSM has many award winning bands, chamber music ensembles, choirs, drama groups, opera groups, and orchestras - with the senior ones undertaking extensive national and international tours, broadcasting, and making commercial recordings.

**Facilities:** A purpose-built home for the CSM opened in September 2007 and provides nearly 13,000m<sup>2</sup> of state-of-the-art facilities. This was supplied by means of a Public Private Partnership (Department of Education & Science & Hochtief PPP Solutions). It includes:

- 60 teaching/practice studios (equipped with a fleet of Steinway grand pianos)
- 400-seater auditorium
- 120-seater drama theatre
- Movement room & changing facilities
- Professional 48-track, digital HD recording studio
- Electronic music studio
- Pianolabs
- Audiolab
- MusicITlab
- Double bass studio
- Early music (organ & harpsichord) studio
- Harp studio
- Percussion studio
- Postgraduate centre



## National Maritime College of Ireland (NMCI)

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

This purpose built College is on a 10 acre campus and located 18km from Cork city, in Ringaskiddy, Co. Cork. It provides training and education for the Merchant Marine and the non-military needs of the Irish Naval Service. Specialist spaces including survival facilities, seamanship and shipwrights' workshops, fire fighting/damage control, jetty and lifeboat facilities and engine room are provided.

The College also provides specialised simulation equipment in the areas of navigation, bridge training, communications, engineering machinery operations, liquid cargo handling/damage control and vessel traffic systems. These facilities fully comply with the most up to date international standards and requirements.

# SERVICES

## School of Graduate Studies

The School of Graduate Studies is located on the first floor of the Administration Centre in the CIT Bishopstown Campus.

Office hours are:  
8.30am - 1.00pm &  
2.00pm - 4.30pm.

The School of Graduate Studies Office will answer any of your general queries but we suggest that you contact the department you are interested in directly for more specific queries on a programme or research opportunity.

Check with course coordinators, listed on each course page, for further details. Incomplete applications will not be processed.

## Postgraduate Diplomas

Some Masters courses have the option of a Postgraduate Diploma in cases where the taught course has been satisfactorily completed but a dissertation has not been submitted. Such P.Grad.Dip. courses are not listed as they are not open to entry as separate options from their parent Masters course i.e. students apply for entry to the appropriate Masters course.

We also invite you to take a tour around the CIT website [www.cit.ie](http://www.cit.ie) to find out more about us.

Should you have any other further queries, please do not hesitate to contact us.

E: [graduate.school@cit.ie](mailto:graduate.school@cit.ie)  
T: 00-353-21-433 5099  
[www.cit.ie/graduateschool](http://www.cit.ie/graduateschool)

## Student Life

Our Student Services aims to support the student community and provide opportunities for students to grow and develop in non-academic areas. Student Services also aims to assist students during periods of personal difficulty that may occur during their courses, in planning their futures, and in progressing to employment or further study.

Student Services consist of the following:

- Careers & Counselling
- Access & Disability
- Accommodation
- Medical
- Students' Union
- Societies
- Sports
- Reprographics & Card Services
- Chaplaincy
- Student Support Team
- Bistro
- Bank
- Mini-market

[www.cit.ie/studentservices](http://www.cit.ie/studentservices)



# INTERNATIONAL STUDENTS



Winners of the 2014 CIT Societies Awards: Therry Zoller, Kenneth Carino, Joel Foster, Izaldir Pereira Lopes, and Benjamin Henry from the International Students' Society.

## [www.cit.ie/international](http://www.cit.ie/international)

With over 1,100 international students enrolled from over 125 different countries, CIT's excellence in higher education is recognised worldwide. CIT offers a safe and welcoming environment to international students in addition to providing excellent educational qualifications and the availability of an entrepreneurial environment.

CIT's International Office celebrates the great diversity of our student body, and provides end-to-end support to both incoming and outgoing students embarking on an international experience. CIT's International Student Society is the only society in Ireland that has won Best Society at the BICS Awards on three occasions.

## How to Apply as an International Student

Please submit the following documents to the CIT International Office:

- **Completed Application Form**  
Available to download at:  
[www.cit.ie/international/admissions/](http://www.cit.ie/international/admissions/)
- **Academic Transcripts (in English)**  
Generally we require a minimum average result of 60% or equivalent. Proof of English language proficiency, where relevant:  
**Note:** TOEFL English language tests taken after 17 April, 2015 will not be accepted for the purposes of student visa applications.

English Language Entry Requirements	Minimum Level Required
IELTS	6.0
TOEFL Paper Based Test	550
TOEFL Computer Based Test	213
TOEFL Internet Based Test	80
GCE O Level English Language	Grade C
TOEIC (in addition to interview)	700
GCSE English	Grade C
Cambridge Certificate of Proficiency in English	Grade C
Cambridge Certificate in Advanced English	Grade A
Irish Leaving Certificate	Ordinary Level – Grade D
Vitnemal	4.0
ETAPP	Grade C1

## International Tuition Fees

The current annual tuition fees in CIT are as follows (Note: Fees may change from those listed)

**Students presenting with 70% or higher in their most recent set of examinations prior to entering CIT are eligible for a €1,000 scholarship on the tuition fee.**

Level	Annual Fee
Higher Certificate (Level 6)	€9,250
Ordinary Bachelor Degree (Level 7)	€10,250
Honours Degree – All <b>except</b> Engineering (Level 8)	€11,250
Honours Degree – Engineering (Level 8)	€12,250
Taught Masters - All <b>except</b> Engineering (Level 9)	€11,250
Taught Masters - Engineering (Level 9)	€12,250
Research Masters - All <b>except</b> Engineering (Level 9)	€11,250
Research Masters – Engineering (Level 9)	€12,250
PhD (Level 10)	€11,250

## Accommodation

CIT does not have on-campus accommodation, however, there are many options nearby, please check the Accommodation website for details and rates: [www.cit.ie/studentlife/accommodation/](http://www.cit.ie/studentlife/accommodation/)

Additionally, the International Office will be able to offer advice on suitable options to meet individual student needs.





## Student Visa

You may be required to apply for a study visa if you are offered a place in CIT. Please check [www.icosirl.ie](http://www.icosirl.ie) for more information.

On arrival to Ireland, the CIT International Office will guide you through the local registration process here in Cork. There is a €300 fee for registration and you will be issued a GNIB identification card. You will also need to provide evidence of at least €3,000 in your bank account, or evidence of being supported through a scholarship programme.

## Graduate Visa

International students are eligible to apply for the one year graduate visa following successful completion of their programme. The purpose of this Scheme is to allow legally resident non-EEA third level graduates to remain in Ireland for the purpose of seeking employment and applying for a Green Card or Work Permit.

## Contact Us

Niamh Lynes  
International Office Coordinator  
E: [niamh.lynes@cit.ie](mailto:niamh.lynes@cit.ie)  
T: +353 21 433 5453

**or**

Cliona Maher  
International Student Officer  
E: [cliona.maher@cit.ie](mailto:cliona.maher@cit.ie)  
T: +353 21 433 5452

# POSTGRADUATE DEGREE BY RESEARCH

## Why consider a Postgraduate Degree by Research?

CIT research is focused on excellence that has both social and economic impact and as a CIT postgraduate you can expect to work in a dynamic environment with national and international researchers, using leading edge techniques and equipment whilst being supervised to the highest level. Working as a postgraduate researcher provides you with the opportunity to learn new analytical skills. We understand that your career is important to you, so during your time here as a research postgraduate you will be provided with a suite of supports, from supervision and mentoring to developing a personalised career development plan which will be integrated into your research. You will also have the opportunity to take taught modules which will not only enhance your research, but will make your future, wherever that may be, all the brighter. Research shows that graduates with a PhD are more likely to end up in senior contributor roles in industry compared to graduates who exit with a primary degree, so if you see your future career in industry then a research postgraduate qualification from CIT is something for you to seriously consider.

## What types of Postgraduate Research can I apply for?

There are two postgraduate research degree options available:

### Masters by Research

- Also known as a Level 9 award
- Takes 21 months full-time (minimum) to complete or 42 months part-time
- Entry requirement is a 2nd class honours Bachelor Degree (Level 8)
- Requires mastery of the subject matter
- Award is based on evaluation of a thesis written on the basis of the research

### Doctor of Philosophy

- Also known as a Level 10 award
- Takes a minimum of 3 years to complete (full-time) but more likely to take 4 years, and twice that for part-time
- Entry requirement is a 2nd class upper division honours Bachelor Degree (Level 8)
- The award is based on demonstrating that you have generated new knowledge through your original research, by writing a major thesis and answering questions on its content.
- PhD researchers are generally expected to publish their work in peer-reviewed journals and/or conferences.



### The CIT Research Community

The main focus of CIT research is to engage in excellent research that has social and economic impact in the region and beyond, creating sustainable employment, attracting and nurturing new businesses and educating a talented pool of innovative researchers. CIT researchers work with a wide range of world class international collaborators in Europe, India, Russia, China, Brazil, and the USA.

CIT's research activities are structured to have a direct and meaningful impact on industry, whilst at the same time being grounded in research excellence. Research activity in CIT is organised around Thematic Research Areas which are large multi-disciplinary groups of researchers working on high-level research of strategic importance to the nation and smaller groups or individual researchers. As a CIT postgraduate researcher you will work within the Institute's Research and Innovation Ecosystem, designed to give you the experience that will drive your career in whatever direction you wish to take it.



### The Thematic Research Areas are:

#### **Information and Communications**

**Technology** research and innovation involves engineers and scientists from electronic engineering and computing and takes place in the NIMBUS Research Centre. NIMBUS provides space for up to 90 researchers, including facilities for undergraduate project students, visiting postgraduate students and researchers from other institutions. It also includes dedicated industry visitor workstations where company researchers can work in close collaboration with NIMBUS staff and students using NIMBUS research facilities. (<http://nimbus.cit.ie>)

#### **Lifesciences and Wellbeing**

research involves a team of interdisciplinary scientists from the Departments of Biological Sciences, Physical Sciences, Computing, and Biomedical Engineering. They carry out research in areas of diagnostics, bio-analysis, antimicrobial screening, bioinformatics, peptide engineering and biomedical engineering (rehabilitation and orthopaedics).

**Photonics** research involves the science of generating and harnessing light, and impacts a wide range of areas, including telecommunications, gas sensing, medical imaging and astronomy. Facilities for photonics researchers are state of-the-art and they support comprehensive interactions with industry ([www.cappa.ie](http://www.cappa.ie)). The Astronomy and Instrumentation Group operates CIT's Blackrock Castle Observatory and Ireland's first fully interactive science and engineering exhibition ([www.bco.ie](http://www.bco.ie)).



The **Maritime Energy and Sustainable Environment Research Cluster (MESE)** is multi-disciplinary and includes the disciplines of Engineering: Chemical and Process, Mechanical and Manufacturing, Electronic, Building and Civil, and Maritime.

**Exercise and Health** research focuses on the issues such as childhood obesity, childhood activity and its effects on health, social science and tourism.

**Entrepreneurship, Competitiveness and Innovation** engages in research on entrepreneurship in the Irish context with an aim to utilise these outputs to inform national policy and strategy and further research into how businesses interact with each other in mutually beneficial ways.

Creative and Performing Arts includes the CIT Crawford College of Art and Design and the CIT Cork School of Music, along with research into multimedia.

The table opposite summarises the thematic areas and the types of research conducted within each. While this is a useful guide, if you require further information contact [graduate.school@cit.ie](mailto:graduate.school@cit.ie) for assistance.

Thematic Research Areas	
<b>Information and Communications Technology</b> <ul style="list-style-type: none"> <li>• Embedded systems;</li> <li>• Wireless sensor networks; wireless networking; smart technologies; smart environments; natural interactions; smart cities</li> <li>• Machine Learning</li> <li>• High Performance Computing</li> </ul>	<b>Health and Exercise</b> <ul style="list-style-type: none"> <li>• Childhood obesity and activity</li> <li>• Health Sciences</li> <li>• Social Sciences</li> <li>• Tourism</li> </ul>
<b>Maritime, Energy and Sustainable Environment</b> <ul style="list-style-type: none"> <li>• Maritime safety &amp; security; shipping transport and logistics; education and training;</li> <li>• Energy retrofit;</li> <li>• Waste treatment;</li> <li>• Building management;</li> <li>• Micro-grid control;</li> <li>• Mechatronics</li> </ul>	<b>Photonics</b> <ul style="list-style-type: none"> <li>• Optics</li> <li>• Semiconductor Lasers</li> <li>• Spectroscopy</li> <li>• Optical instrumentation</li> <li>• Astronomy</li> </ul>
<b>Life Sciences and Wellbeing</b> <ul style="list-style-type: none"> <li>• Molecular diagnostics</li> <li>• Bio-therapeutics</li> <li>• Bioinformatics</li> <li>• Virology</li> <li>• Gait analysis</li> <li>• Biomedical Eng.; biomedical devices</li> <li>• Analytical chemistry</li> <li>• Toxicology</li> </ul>	<b>Entrepreneurship, Competitiveness and Innovation</b> <ul style="list-style-type: none"> <li>• Management</li> <li>• Marketing</li> <li>• Entrepreneurship</li> <li>• Enterprise Support</li> <li>• Accountancy</li> </ul>
	<b>Creative and Performing Arts</b> <ul style="list-style-type: none"> <li>• Fine art</li> <li>• Art therapy</li> <li>• Multimedia</li> <li>• Music</li> <li>• Music technology</li> </ul>

## How to apply

Many of your questions may already be answered on the web pages of the Graduate School <http://www.cit.ie/graduateschool>.

In the event that you still have queries relating to registering as a postgraduate research student we recommend you contact the CIT Graduate School directly - [graduate.school@cit.ie](mailto:graduate.school@cit.ie). We are more than happy to help.

Any application to become a postgraduate researcher (Masters or PhD) requires the support of a qualified supervisor, and your first task is to discuss your interests with a supervisor and develop a research plan. In some instances researchers will advertise positions for research postgraduates in which the research plan is already well developed; in others the applicant

plays a key role in developing the plan. The Graduate School can help to direct you towards the relevant research team.

Entry to the Masters or PhD register requires at least a 2nd Class Honours Degree at Bachelor Level 8 and must be in an area where CIT can provide the appropriate supports.



# BUSINESS & HUMANITIES

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## MASTER OF BUSINESS OLIVER BLACKWELL

"With a background in engineering and having worked predominantly in the ICT sector, I chose the MBus programme to enhance my business knowledge and to gain understanding of the strategic approaches to real business applications.

The standout aspects of the MBus for me, revolved around the practical project/group work and the local and international dimensions of the live case studies. Working on real business projects sharpened my ability to think conceptually, creatively and independently in the search for new ideas and solutions. The peer learning between class colleagues and cooperative group learning is an understated immense benefit of the programme."



# Marketing Practice (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS

## COURSE FEE

EU Applicants €5,500  
Non EU Applicants See Page 10

## APPLICATION

See below  
Closing date: 5<sup>th</sup> June 2015

## FULL TIME

1 Year  
(3 Semesters, September to August)

## PART TIME

N/A

## LOCATION

CIT Bishopstown Campus

## Overview

The programme offers graduates a degree that will render them more employable by enhancing their ability to contribute to the real needs of the business community. The hybrid nature of the programme will turn Marketing Graduates into Marketing Practitioners with an array of action learning components; incorporating live assignments, specialised workshops, marketing strategy simulation and an industry-based marketing consultancy. There will also be a reflective journal completed throughout the year, detailing how and what the student has learned from the Masters experience.

This action learning based programme consists of a hybrid array of touch-points with business, facilitating learner engagement with a diverse range of marketing professionals. The programme also incorporates a suite of modules designed specifically to prepare the learner for careers in marketing practice.

The aim of this programme is to provide the learner with an advanced range of high level knowledge and skills in order to establish a more solid foundation for a successful career as a marketing professional.

## Delivery

### Full-time

No. of weeks per semester: 15

No. of timetable hours week:  
Semester 1: circa 16 hours  
Semesters 2 & 3: circa 35 hours

Which days: Monday to Friday

Duration: Three semesters

## Admission Requirements

Applicants typically must have a minimum entry requirement of H2.2 in a cognate Level 8 Degree (including at least 20 credits in Marketing). Candidates will be shortlisted and will be required to attend an interview.

To apply, students should send their Curriculum Vitae along with a 300 word Statement of Intent to Maurice Murphy: maurice.murphy@cit.ie or Conor Kelleher: conor.kelleher@cit.ie.

Subject to availability, late applications may also be considered.

## Enquiries

Maurice Murphy  
Department of Marketing and  
International Business  
E: maurice.murphy@cit.ie  
T: +353 21 433 5926

or

Conor Kelleher  
Department of Marketing and  
International Business  
E: conor.kelleher@cit.ie  
T: +353 21 433 5925

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Strategic Marketing  
Strategic Digital Marketing  
Contemporary Issues in Marketing  
Relationship Management  
Professional Practice  
Business Case Analysis

### SEMESTER 2

Consultancy in the Workplace -  
25 weeks spanning Sem. 2 & 3  
(45 ECTS)  
Marketing Strategy Simulation

### SEMESTER 3

Consultancy in the Workplace -  
25 weeks spanning Sem. 2 & 3  
(45 ECTS)  
Reflective Learning Journal (10 ECTS)

# Human Resource Management (M.A.)

## CREDIT VALUE

M.A.: 90 ECTS

## COURSE FEE

EU Applicants €5,000

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRBHRMN9>  
 Closing date: 15<sup>th</sup> September 2015

## FULL TIME

N/A

## PART TIME

2 Years  
 (4 Semesters, September to May)

## LOCATION

CIT Bishopstown Campus

## Overview

This programme allows graduates to apply for advanced level membership of Chartered Institute of Personnel and Development, CIPD, and will aid them as their career progresses to strategic roles in organisations.

The programme is designed to expose students to current issues in the Human Resource Management domain at a strategic level. This Masters programme has been designed in consultation with industry to respond to changes that have taken place in the HR area. It is aimed at professionals in the Human Resource discipline who wish to further their career and enhance their skillset.

## Delivery

### Part-time

No. of weeks per semester: 15

No. of timetable hours week: 20

Which days: Mondays &amp; Wednesdays

Duration: Four semesters

## Admission Requirements

Bachelor of Arts (Honours) in Human Resource Management (Level 8) at grade H2.2 or higher. Graduates of cognate Honours programmes who have attained HR experience may also be eligible. The programme is offered on a modular basis and requires learners to attain 90 credits.

## Enquiries

Dr Felix Raekson  
 Department of Organisation and Professional Development  
 E: [felix.raekson@cit.ie](mailto:felix.raekson@cit.ie)  
 T: +353 21 433 5906

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

International Corporate Strategy  
 Professional Employment Law  
 HRM in Context  
 Coaching and Mentoring (4 Saturdays)

### SEMESTER 2

Applied Corporate Strategy  
 Employee Engagement  
 Leading, Managing & Developing People  
 Training, Talent & Knowledge Management

### SEMESTER 3

Research Methods  
 Reward & Incentive Management  
 Performance Management  
 Sourcing & Testing

### SEMESTER 4

Research Dissertation (30 credits)

# BUSINESS (M.Bus.)

## CREDIT VALUE

M.Bus.: 60 ECTS

## COURSE FEE

EU Applicants €5,900

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRBBUSA9>  
 Closing date: 30<sup>th</sup> July 2015

## FULL TIME

N/A

## PART TIME

2 Years  
 (4 Semesters, September to September)

## LOCATION

CIT Bishopstown Campus

## Overview

CIT offers four streams for the Master of Business course viz:

- Marketing - Part Time
- Accounting - Part Time
- Information Systems - Part Time
- Enterprise - Part Time

The overall aim of this programme is to facilitate the further personal and intellectual development of students, encompassing the skills of analysis, interpretation and synthesis within their chosen field of knowledge. Participants will be required to adopt innovative and creative approaches to business related issues and analyse critically business and management problems in a national, international, and global context.

Presentation of the programme consists of lectures, tutorials, case studies, visiting lecturers, etc.

## Delivery

### Part-time

No. of weeks per semester: 15

No. of timetable hours week: 9

Which days: Wednesday and Friday

Duration: Four semesters

## Admission Requirements

Applicants who have a minimum of an Honours Bachelor of Business or cognate degree (Level 8) or cognate discipline (H2.2) or an approved equivalent qualification are eligible to apply for entry to the programme.

Subject to availability, late applications may also be considered.

## Enquiries

John Meyler  
 Department of Organisation and Professional Development  
 E: [john.meyler@cit.ie](mailto:john.meyler@cit.ie)  
 T: +353 21 433 5335

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

International Corporate Strategy  
 Information Systems Frameworks  
 Research Methods

### SEMESTER 2

Applied Corporate Strategy  
 Services Marketing Management

### SEMESTER 3

#### Group Elective 1

Information Systems Development  
 Data Communications & Networks  
 Enterprise Database Management

#### Group Elective 2

Innovation & Creativity  
 New Venture Management & Growth  
 Enterprise Finance & Law

#### Group Elective 3

Strategic Management Accounting  
 Corporate Governance  
 Financial Accounting & Reporting

#### Group Elective 4

Strategic Marketing Management  
 Contemporary Issues in Marketing  
 Applied Marketing Communications

### SEMESTER 4

Research Dissertation (20 ECTS)



# ACCA

<b>CREDIT VALUE</b>	<b>COURSE FEE</b>	<b>APPLICATION</b>
Professional qualification, no ECTS applied	EU Applicants €5,500 (please see below) Non EU Applicants €11,250	<b>Closing date:</b> 30 <sup>th</sup> June 2015 See additional info below
<b>FULL TIME</b>	<b>PART TIME</b>	<b>LOCATION</b>
1 Year (2 Semesters, September to May)	N/A	CIT Bishopstown Campus

## Overview

The aim of this full-time day programme is to provide graduates with the opportunity to complete all Professional Level subjects from the ACCA qualification. This will enable them to find roles in either practice or industry and complete the work experience necessary to qualify as an ACCA. The advantage of completing this programme is that graduates will have their ACCA studies completed before they commence work and will not have to try to combine work and study.

## Delivery

### Full-time

No. of weeks per semester: 12

No. of timetable hours week:

Semester 1: 14 hours

Semester 2: 21 hours

Which days: Varies

Duration: Two semesters

## Admission Requirements

Applicants who have a minimum of an Honours Bachelor of Business in Accounting or an approved equivalent qualification and who qualify for exemptions from previous levels of the ACCA qualification are eligible to apply for entry to the programme.

**Note:** Students who qualified for a grant for their undergraduate studies may be eligible for a grant for this programme also.

Applicants should contact ACCA directly to verify their exemptions before registering for the programme. The ACCA Connect customer service centre is open 7 days a week, 365 days a year, and can be contacted T: (01) 447 5678 or E: irelandinfo@accaglobal.com

## Course fee includes the following:

- Course/lecture notes
- 2/3 day revision course with accompanying notes
- Registration Fee
- Mock exams in each subject
- Question based revision (QBR)

**Note:** candidates are required to pay the following fees directly to ACCA: Approximately £700 for exemptions; £75 registration fee; £100 fee per examination; Annual subscription.

**Note:** Following acceptance by CIT, successful applicants should register with ACCA before 8th September 2015 to avail of an early bird examination fee.

## Subjects offered

- P1 Governance, Risk and Ethics
- P2 Corporate Reporting
- P3 Business Analysis
- P6 Advanced Taxation
- P7 Advanced Audit & Assurance

### Professional Accountancy Courses

**Note:** Registration fees, annual subscription, examination fees etc. are payable to Professional Bodies for each of the accountancy courses. These are not included in the course fees quoted. Please take note of the closing dates for examination registration.

### Commencement Date:

September 2015 with examinations in December 2015 and June 2016.

## Enquiries

Don Crowley  
Department of Organisation and Professional Development  
E: acca@cit.ie  
T: +353 21 433 5900

# Integrative Psychotherapy (M.A.)

CREDIT VALUE	COURSE FEE	APPLICATION
M.A.: 90 ECTS	EU Applicants €3,500 Course Fee for Dissertation and Mental Health Placement year €1,200	For details visit <a href="http://www.cit.ie/course/CRHINTP9">http://www.cit.ie/course/CRHINTP9</a> Closing date: 8 <sup>th</sup> May 2015
FULL TIME	PART TIME	LOCATION
N/A	See below	CIT Bishopstown Campus

## Accreditation

The process of establishing training standards to prepare for the statutory registration of Psychotherapists in Ireland is continuing.

The present overall training programme at CIT combining the Bachelor of Arts (Honours) in Counselling and Psychotherapy, two years post-qualifying supervised clinical practice and the MA in Integrative Psychotherapy, represents the best interpretation of the requirements as they currently prevail.

## Overview

The programme aims to equip practitioners with the advanced knowledge and clinical capability that would match international standards of best practice within the Psychotherapy profession.

### Client work and supervision:

Students will be required to carry out 100 hours of Counselling work with clients during each year of the course. They will be required to obtain supervision for this work from their own Supervisor. Additionally, during Year 1 they will participate in monthly group supervision arranged by the course. Payment for individual and group supervision will be made directly by students and is not included in the course fee.

### Personal Therapy:

Students will be in weekly personal therapy throughout the course. The cost of this is separate to the course and is arranged directly between the student and the therapist.

## Delivery

The programme has 90 credits and will be offered as follows:

**Year 1** (60 Credits) is a taught year where students will attend at College and supervision, thus completing the taught

modules of the course. The regular sessions will be held on a combination of weekday evenings (generally 6.30pm to 9.30pm) and on Saturdays and Sundays.

**Year 2** (30 Credits) will involve a programme of directed/supervised learning where students will research and write the Reflective Practitioning dissertation. During this year they will also carry out their Mental Health Placement.

## Admission Requirements

Applicants must

- Have successfully completed the Bachelor of Art (Honours) in Counselling or Psychotherapy (minimum H2.2) or an equivalent\* professional training in Counselling and Psychotherapy that satisfies the training requirements for professional accreditation.
- Have completed two years post-qualifying supervised clinical practice with a minimum of 150 hours of clinical practice which is verified by an accredited supervisor.
- Be assessed through interview.
- Submit two written references (for applicants who have not already been on a prior stage of the course).

\*Where an applicant has not completed the Bachelor of Arts (Honours) in Counselling or Psychotherapy, equivalence is assessed through the formal Recognition of Prior Learning (RPL) process used in Cork Institute of Technology. This involves applicants preparing a portfolio in which they would demonstrate how they have achieved the learning outcome of the modules in the BA (Honours) in Counselling and Psychotherapy as well as the two years post-qualifying supervised clinical practice.

All applicants who enrol in the MA in Integrative Psychotherapy will be required to undergo Garda vetting.

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Developmental Theory & Adult Adaptations  
Clinical Assessment & Case Formulation  
Personal & Relational Process  
Supervised Psychotherapy Practice

### SEMESTER 2

Trauma, Dissociation and their treatment  
Clinical Process of Psychotherapy  
Personal and Clinical Integration  
Practitioner Research Methods

### SEMESTER 3

Mental Health Placement  
Reflective Practitioning Dissertation (25 ECTS)

## Enquiries

Gus Murray  
Department of Applied Social Studies  
E: [gus.murray@cit.ie](mailto:gus.murray@cit.ie)  
T: +353 21 434 7800



# Play Therapy

## (M.A.)

### CREDIT VALUE

M.A.: 90 ECTS; P.Grad.Dip.: 60 ECTS

### COURSE FEE

EU Applicants €6,900

### APPLICATION

For details visit  
<http://www.cit.ie/course/CRHPLTH9>  
 Closing date: 1<sup>st</sup> May 2016

### FULL TIME

N/A

### PART TIME

3 Years  
 (6 Semesters, September to May)

### LOCATION

CIT Bishopstown Campus

## Overview

This programme is a postgraduate clinical training in Play Therapy. It aims to equip practitioners with the advanced knowledge and clinical capability that would match international standards of best practice within the Play Therapy profession.

### Key areas:

- Personal therapy and personal development
- Play therapy theory and practice
- Application of skills
- Child observations
- Attachment theory and infant mental health
- Clinical supervision
- Child development
- Neuroscience

Students will be eligible for membership of the Irish Play Therapy Association ([www.ipta.ie](http://www.ipta.ie)) on successful completion of the training. Until the development of this training in CIT, IPTA had only accepted membership from Play Therapists who had undertaken a training accredited by the British Association of Play Therapists (BAPT). [The Irish Play Therapy Association was set up to establish and maintain standards for play therapists and to inform and protect members of the public seeking and availing of their service] ([www.ipta.ie](http://www.ipta.ie)).

All full members of IPTA are expected to adhere to the code of practice which aims to provide a framework for addressing ethical issues and to encourage the highest standard of practice.

## Delivery

### Part-time

No. of weeks per semester: 13  
 No. of timetable hours week: 4.5  
 Which day: Saturday  
 Duration: Three years

**Years 1 & 2** (60 Credits) is a clinical training in Play Therapy where students will attend the CIT campus every Saturday; modules will be experiential and theoretical. Students source their own placement and are given guidance on suitable referrals for trainee therapists.

Students will undertake placements in both years and will require external supervision from approved supervisors. Students are given a list of approved supervisors. Students will require the use of videotaping equipment for years one and two as sessions with clients are videotaped.

Student who successfully complete the taught elements of the course will be awarded a Postgraduate Diploma in Play Therapy.

**Year 3** (30 Credits) The MA in Play Therapy is awarded to successful candidates who complete a module in research skills, and the dissertation aspect of the programme.

## Admission Requirements

Applicants must hold a Level 8 Honours degree (H2.2) or higher, in one of the following areas: Counselling/ Psychotherapy, Early Years Education, Occupational Therapy, Primary Education, Psychiatry, Psychology, Psychiatric Nursing, Social Care, Social Work, Special Needs Education or a cognate discipline.

Applicants must be 23 years old at the time of entry to the programme and have at least two years post qualifying experience of working with children. Applicants will be required to attend an interview.

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Clinical Work Preparation  
 Child Development & Play  
 Play Therapy Theory  
 Application of Play Therapy Skills  
 Observation Techniques  
 Clinical Work Practice

### SEMESTER 2

Neuroscience  
 Group and Family Play Therapy  
 Play Therapy Processes  
 Play Therapy Underpinnings  
 Play Therapy Work Practice  
 Sand and Art Therapy

### SEMESTER 3

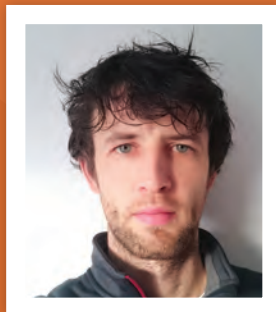
Play Therapy Research Methods (10 ECTS)  
 Research Dissertation (20 ECTS)

## Enquiries

Myriam Clancy  
 Department of Applied  
 Social Studies  
 E: [myriam.clancy@cit.ie](mailto:myriam.clancy@cit.ie)  
 T: +353 21 432 6155

# ENGINEERING

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MSc in Construction Project Management	27
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## **MSc IN INTERIOR ARCHITECTURE JAMES PITTAM**

James graduated with a first class honours in Interior Architecture in 2011. He completed a MSc in Passive House commercial retro-fit, and during this time was awarded a Risam PhD scholarship which began in January 2012. James's research is now focusing on thermal envelope upgrade measures to Ireland's existing Local Authority Housing stock.



# Civil Engineering (Environment and Energy) (M.Eng.)

## CREDIT VALUE

M.Eng.: 90 ECTS; P.Grad.Dip.: 60 ECTS

## COURSE FEE

Full time: EU Applicants €5,000  
Non EU Applicants See Page 10

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRCENEN9>  
Closing date: March 2015

## FULL TIME

1 Year (3 Semesters, mid-September to mid-September)

## PART TIME

Typically 2 Years (5 Semesters)

## LOCATION

CIT Bishopstown Campus

## Overview

This programme aims to develop advanced analytical, design, assessment, appraisal and research skills in Civil Engineering in the specialist areas of environmental and energy engineering. Graduates will be well equipped to meet the challenges of the modern Civil Engineering based environmental and energy engineering industries, providing, protecting and enhancing the natural environment and the related physical infrastructure that underpins society; in this context a broad range of environmental and energy engineering topics are addressed from the local level to the global scale. The programme content seeks to reflect current and likely future practice and trends in environmental and energy engineering analysis, design, and assessment.

The programme of study is designed to progress your qualifications in the following ways:

- Deepen your technical knowledge, skills and competences in the specialised field of Environmental and Energy Engineering;
- Develop your ability to carry out in depth research in a chosen field of Engineering, to draw conclusions from the research and present research findings;
- Broaden your knowledge in other areas such as Sustainability, Asset and Project Management.

**The programme is fully accredited by Engineers Ireland as satisfying the new educational standard for the title Chartered Engineer.**

## Delivery

### Full-time

No. of weeks per semester: 17

No. of timetable hours week: circa. 16 hours per week

Which days:

Full-time: Monday to Friday

Part-time: 2 days per week

Duration: Three semesters

Students who are available to attend part-time by day may take modules on a phased basis and achieve the programme qualification over a number of academic years, typically 2 years.

## Admission Requirements

Applicants should hold a minimum of a Second Class Honours Grade 2 in a professionally accredited Level 8 Honours Degree Programme in Civil Engineering or a cognate discipline.

Equivalent recognition may be given through the Recognition of Prior Learning (RPL) process on an individual case-by-case basis to candidates who have not achieved this academic standard but who can demonstrate significant relevant professional experience in the discipline of Civil, Environmental or Energy Engineering.

## Enquiries

Leonard O'Driscoll  
Department of Civil, Structural & Environmental Engineering  
E: [leonard.odriscoll@cit.ie](mailto:leonard.odriscoll@cit.ie)  
T: +353 21 432 6563

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in environmental and energy engineering. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Sustainability in Engineering  
Energy Source Analysis  
Advanced Hydro & Flood Control  
Engineering Research Skills  
Ocean Energy Conversion

#### **Elective**

Advanced Geotechnical Engineering  
Computational Solid Modelling  
Contract Admin/Dispute Resolve  
Strategic Business Management

### SEMESTER 2

Environmental and Energy Engineering Infrastructure  
Biofuel and Biomass Technology  
Project Development  
Advanced Wastewater Engineering Design

Advanced Water Engineering

#### **Elective**

Infrastructure Asset Management  
Engineering Project Management  
Environmental Management  
Managing Innovation  
Leadership & Change Management  
Computational Fluid Dynamics

### SEMESTER 3

Project Realisation (30 ECTS)



# Structural Engineering (M.Eng.)

## CREDIT VALUE

M.Eng.: 90 ECTS

## COURSE FEE

Full-time: EU Applicants €5,000  
Non EU Applicants See Page 10

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRCSTRU9>  
Closing date: March 2015

## FULL TIME

1 Year (3 Semesters, mid-September to mid-September)

## PART TIME

Typically 2 Years (5 Semesters)

## LOCATION

CIT Bishopstown Campus

## Overview

The programme involves a variety of delivery modes, including classroom based lectures, individual and group project work, tutorials, seminars and presentations by visiting experts. A Research Dissertation is completed by each student during Semester 3.

The programme of study is designed to progress your qualifications in the following ways:

- Deepen your technical knowledge, skills and competences in the specialised field of Structural Engineering
- Prepare you to undertake the Institution of Structural Engineers Professional Practice Examinations by developing your structural analysis and design skills to an appropriate level
- Extend your educational qualifications to a level required for Chartered Engineer status
- Develop your ability to carry out in depth research in a chosen field of Engineering, to draw conclusions from the research and present research findings
- Broaden your knowledge in other areas such as Sustainability, Management, and Business

**The programme is fully accredited by Engineers Ireland as satisfying the new educational standard for the title Chartered Engineer.**

## Delivery

No. of weeks per semester: 17

No. of timetable hours week: circa. 16 hours per week

Which days:  
Full-time: Monday to Friday  
Part-time: 2 days per week

Duration: Three semesters

Students who are available to attend part-time by day may take modules on a phased basis and achieve the programme qualification over a number of academic years, typically 2 years.

## Admission Requirements

Applicants should hold a minimum of a Second Class Honours Grade 2 in a professionally accredited Level 8 Honours Degree Programme in Civil or Structural Engineering.

Equivalent recognition may be given through the Recognition of Prior Learning (RPL) process on an individual case-by-case basis to candidates who have not achieved this academic standard but who can demonstrate significant relevant professional experience in the discipline of Structural Engineering.

## Enquiries

John Justin Murphy  
Department of Civil, Structural & Environmental Engineering  
E: [john.justinmurphy@cit.ie](mailto:john.justinmurphy@cit.ie)  
T: +353 21 432 6741

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in structural engineering. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Structural Engineering  
Bridge Engineering  
Computational Solid Modelling  
Advanced Geotechnical Engineering  
Engineering Research Skills  
Sustainability in Engineering

### SEMESTER 2

Advanced Structural Design Office (10 ECTS)  
Infrastructure/Special Structures  
Project Development  
**Elective**  
Eng. Project Management  
Infrastructure Asset Management  
Prestressed Concrete  
Advanced Hydro & Flood Control  
Advanced Water Engineering  
Advanced Wastewater Eng. Design  
Computational Fluid Dynamics  
Strategic Business Management  
Managing Innovation  
Leadership & Change Management

### SEMESTER 3

Project Realisation (30 ECTS)



# Mechanical Engineering (M.Eng.)

## CREDIT VALUE

M.Eng.: 90 ECTS

## COURSE FEE

Full time: EU Applicants €5,000  
Non EU Applicants €12,250  
Part Time: EU Applicants €7,000

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CREMENG9>  
Closing date: 5<sup>th</sup> September 2015

## FULL TIME

1 Year (3 Semesters, September to August)

## PART TIME

3 Years (9 Semesters, September to August)

## LOCATION

CIT Bishopstown Campus

## Overview

The programme has been developed to address the need for both new graduates and existing engineers to acquire advanced competencies in computational methods, analytical methods, and design.

Specifically this programme of study is designed to progress your qualifications in the following ways:

- Deepen your technical knowledge, skills and competencies in the core field of Mechanical Engineering through modules in computational methods in solids and fluids, control engineering, and industrial heat and power.
- Deliver specialist knowledge in areas such as integrated design and process modelling and lean sigma.
- Enhance your knowledge and entrepreneurship through strategic business management and managing innovation.
- Enable you to carry out in depth research in an industrially focused sector of Mechanical Engineering through specialist modules in research skills, project realisation, and thesis preparation.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 15

Which days: Variable  
(usually includes Friday afternoon)

Duration: Three semesters

## Admission Requirements

Applicants must have achieved a minimum of Second Class Honours in a Level 8 Honours Bachelor Degree programme in Mechanical Engineering (fully accredited by Engineers Ireland) or equivalent.

## Enquiries

Dr Ger Kelly  
Department of Mechanical, Biomedical & Manufacturing Engineering  
E: [ger.kelly@cit.ie](mailto:ger.kelly@cit.ie)  
T: +353 21 433 5438

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in a selected area or focus. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Computational Solid Modelling  
Engineering Research Skills  
Lean Sigma - Advanced Stats  
Industrial Heat and Power  
Integrated Design & Manufacture

#### Elective

Sustainability in Engineering  
Strategic Business Management

### SEMESTER 2

Computational Fluid Dynamics  
Modelling of Manufacturing Processes  
Research Project Preparation (10 ECTS)

#### Group Elective 1

Automatic Process Control  
Industrial Control Systems

#### Elective

Control System Design  
Engineering Project Management  
Managing Innovation  
Free Choice Module

### SEMESTER 3

Project Realisation (30 ECTS)



# Chemical & Biopharmaceutical Engineering (M.Eng.)

## CREDIT VALUE

M.Eng.: 90 ECTS

## COURSE FEE

Full-time: EU Applicants €5,000  
Non EU Applicants €12,250  
Part Time: EU Applicants €7,000

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRECHBI9>  
Closing date: 5<sup>th</sup> September 2015

## FULL TIME

1 Year (3 Semesters, September to August)

## PART TIME

3 Years (9 Semesters, September to August)

## LOCATION

CIT Bishopstown Campus

## Overview

This programme aims to develop advanced analytical, design and research skills in Chemical Engineering with an industrial focus. Postgraduate students will undertake the final research element of this Masters programme in a host company or with their current employer. This will provide the researcher with an insight into the commercial aspects of engineering research and innovation and the opportunity to contribute to the development of the latest products and techniques.

Graduates of the programme will be well equipped to respond to the needs of the high technology industries particularly those with a focus on Research & Development, and product or process innovation.

## Delivery

### Full-time

No. of weeks per semester: 13  
No. of timetable hours week: 15  
Which days: Variable  
(usually includes Friday afternoon)  
Duration: Three semesters

## Admission Requirements

Applicants must have achieved a minimum of Second Class Honours in a Level 8 Honours Bachelor Programme in Chemical and Biopharmaceutical Engineering or equivalent.

## Enquiries

Dr Michael J O'Mahony  
Department of Process, Energy & Transport Engineering  
E: [michael.jomahony@cit.ie](mailto:michael.jomahony@cit.ie)  
T: +353 21 433 5943

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in a selected area or focus. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Emerging Technologies  
Engineering Research Skills  
Environment, Health & Safety  
Lean Sigma - Advanced Stats  
Industrial Heat and Power

### Elective

Sustainability in Engineering  
Strategic Business Management

### SEMESTER 2

Computational Fluid Dynamics  
Process Technology Transfer  
Industrial Control Systems  
Research Project Preparation  
(10 ECTS)

### Elective

Eng. Project Management  
Environmental Management  
Managing Innovation

### SEMESTER 3

Project Realisation (30 ECTS)





# Construction Project Management (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS

## COURSE FEE

Full time: EU Applicants €5,000  
Non EU Applicants See Page 10

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRCCOPM9>  
Closing date: 14<sup>th</sup> August 2015

## FULL TIME

1 Year (3 Semesters, September to August)

## PART TIME

2 Years

## LOCATION

CIT Bishopstown Campus

## Overview

A unique programme, developed following Industry demand and Government calls for upskilling, which will provide students with advanced managerial skills in Construction Project Management.

Graduates will be equipped to meet the challenges of managing the design and construction of modern complex developments in a diverse business environment.

The comprehensive module range offers the student extensive choice, facilitating individual areas of expertise.

The learning experience involves a variety of modes, including classroom based lectures, individual and group project work, tutorials, seminars and presentations by visiting experts. A research dissertation is completed by each student during Semester 3.

Students may take modules on a phased basis and achieve the programme qualification over a number of academic years.

## Career Opportunities

The programme has been designed to suit the distinctive needs of the construction industry and offers excellent career opportunities for graduates as project managers or contract managers with design and construction companies, project management consultants and government agencies.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 14 - 18

Which days: Variable

Duration: Three semesters

## Admission Requirements

Applicants must have successfully completed a Level 8 Built Environment Programme or equivalent\* with a minimum Second Class Honours Grade 2.

\*Equivalence: Where an applicant has not completed a relevant Level 8 programme equivalence is assessed through the formal Recognition of Prior Learning (RPL) process used in Cork Institute of Technology ([www.cit.ie/rpl](http://www.cit.ie/rpl)).

## Enquiries

Colin Donoghue  
Department of Construction  
E: [cpmenquiries@cit.ie](mailto:cpmenquiries@cit.ie)  
T: +353 21 433 5412

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Contract Administration/Dispute Resolve

Sustainability in Engineering Research Skills and Practice

Const. Project Management

Org Management & Knowledge Management

#### **Electives – Choose 1**

Corporate Construction Finance

Mechanical & Electrical Services Cost Planning

Strategic Construction

Development Appraisal

Advanced Measurement

Entrepreneurship

New Venture Management & Growth

Strategic Business Management

### SEMESTER 2

Eng. Project Management

Global Project Management

Research Project Development

Construction Value & Risk

Management

#### **Electives – Choose 2**

M&E Measurement

Site Management and Technology

Construction Psychology

Construction Project Controls

Commercial Management

Infrastructure Asset Management

Adaptation and Reuse 2

Environmental Management

Intl Strategies & Organisation

Leadership & Change Management

Managing Innovation

### SEMESTER 3

Research Project Realisation  
(30 ECTS)



# Embedded Systems Engineering (M.Eng.)

## CREDIT VALUE

M.Eng.: 90 ECTS; P.Grad.Dip.: 60 ECTS

## COURSE FEE

Full-time: EU Applicants €5,000 tbc  
Non EU Applicants €12,250

## APPLICATION

Visit  
<http://www.cit.ie/course/CREMBED9>  
Closing date: June 2015

## FULL TIME

1 Year (3 Semesters, September to September)

## PART TIME

Can register for 1 or more available modules per semester

## LOCATION

CIT Bishopstown Campus

## Overview

This programme will prepare students for a career in the rapidly growing embedded systems industry or in embedded systems research. With a strong emphasis on project based learning, the course will deliver practical skills in embedded system design and development in addition to associated underlying principles.

The programme aims to provide an opportunity for further development for Level 8 qualification holders who want to specialise in the area of Embedded Systems, i.e. sensor hardware, microprocessor systems, high level programming, network concepts, physical embedding, digital hardware design, middleware and wired/wireless communications.

The programme will satisfy the needs of industry at embedded systems level for Level 9 electronic engineering personnel.

### Shared Delivery between full-time and part-time students.

Module delivery is shared between full and part-time students. On accumulating 90 credits through part-time or full-time learning the learner is eligible for the MEng in Embedded Systems Engineering. There are exit awards at Certificate level (30 credits) and Postgraduate Diploma level (60 credits).

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 18

Which days: Variable (daytime/evening)

Duration: Three semesters

This course is offered under a credit based structure. It consists of 3 terms over a calendar year, Sept - Sept.

Terms 1 and 2 are 30 credits each and consist mostly of taught elements;

Term 3 involves a 30-credit project to take place in industry or in a Department research group

## Admission Requirements

Applicants are required to have an Honours Degree in Engineering in Electronic Engineering (Level 8) or equivalent or cognate discipline equivalent at merit or distinction level.

## Enquiries

Fergus O'Reilly  
Department of Electrical & Electronic Engineering  
E: [fergus.oreilly@cit.ie](mailto:fergus.oreilly@cit.ie)  
T: +353 21 433 5465

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to deepen his/her skills set in a selected area or focus. The elective modules offered are delivered subject to demand and resource availability.

### SEMESTER 1

Transferable Research Skills  
Wireless Sensor Nodes  
Team Project: Design  
Embedded Software Design  
Embedded Software for Networks  
Networking Embedded Systems

### SEMESTER 2

Managing Innovation  
Team Project: Implementation (10 ECTS)

### Elective (Choose 3)

Embedded Networking Technology  
Distributed Embedded Software  
Embedded Hardware Design  
Physical Layer Design

### SEMESTER 3

Embedded Systems Project (30 ECTS)



# Architecture (M.Arch.)

(Joint programme with UCC)

## CREDIT VALUE

M.Arch.: 90 ECTS

## COURSE FEE

EU Applicants €5,000  
Non EU Applicants See Page 10

## APPLICATION

Visit  
<http://www.cit.ie/course/CRCARCH9>  
Closing date: 1<sup>st</sup> June 2015

## FULL TIME

1 Year (3 Semesters, September to August)

## PART TIME

N/A

## LOCATION

Cork Centre for Architectural Education,  
Copley Street, Cork

## Overview

Students who successfully complete the BSc (Honours) in Architecture programme to a satisfactory level will be eligible to enter the Master of Architecture programme which, together with a Certificate in Architectural Professional Practice and practical experience, will provide the overall education programme geared towards professional accreditation and practice as an architect.

**Accreditation by the Royal Institute of Architects of Ireland has been awarded to the combined 4-year BSc (Honours) in Architecture plus the 1-year Master of Architecture.**

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 10 - 15

Which days: Variable

Duration: Three semesters

## Admission Requirements

Students who successfully complete a BSc (Hons) in Architecture programme or similar, to a satisfactory level will be eligible to enter a Master of Architecture programme

## Enquiries

Jason O'Shaughnessy  
Department of Architecture  
E: [jason.oshaughnessy@cit.ie](mailto:jason.oshaughnessy@cit.ie)  
T: +353 21 433 5970

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Design Research: Cultures and Context

Design Research: Technology Transformations

Design Research Studio: Investigation and Formation (20 ECTS)

### SEMESTER 2

Design Project (30 ECTS)

### SEMESTER 3

Exhibition Design and Implementation (15 ECTS)

Documentation and Dissemination of Design and Design Process (15 ECTS)



# Interior Architecture (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS

## COURSE FEE

Full-time: EU Applicants €5,000  
Non EU Applicants See page 10

## APPLICATION

Visit  
<http://www.cit.ie/course/CRDINAR9>  
Closing date: 1<sup>st</sup> June 2015

## FULL TIME

1 Year (3 Semesters, September to August)

## PART TIME

Option 1: 2 Years  
Option 2: 3 Years

## LOCATION

CIT Bishopstown Campus

## Overview

The intention of this programme is to develop advanced design, aesthetic, analytical, technical, assessment, appraisal and research skills in Interior Architecture. The structure of the programme facilitates the development of a self-directed specialist design focus with expertise in the discipline developed through studio explorations and research investigations. A minor focus in interdisciplinary themes can be integrated through the availability of elective modules.

The programme includes theoretical and practical content aimed to predict future best-practice in environmental responsibility.

Graduates of this programme will be well equipped to meet the challenges of contemporary sustainable retrofit and interior architecture practice and provide leadership through innovative expertise in design with advanced conceptual understanding, detailed factual knowledge, specialist skills and an overall holistic approach.

The department is currently completing the process for recognition by the European Council of Interior Architects.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week:  
Semester 1 & 2: 10 -15

Which days: Variable

Duration: Three semesters

## Admission Requirements

**Option 1:** BSc (Honours) in Interior Architecture 50% average pass

**Option 2:** BSc (Honours) in Architecture, BSc (Honours) in Architectural Technology, 50% average pass

**Please note:** portfolio review and interview, additional credits beyond the 90 credit programme may be required for option 2.

## Enquiries

Katherine Keane, Marc O'Riain  
Department of Architecture  
E: [katherine.keane@cit.ie](mailto:katherine.keane@cit.ie);  
[marc.oriain@cit.ie](mailto:marc.oriain@cit.ie)  
T: +353 21 433 5970

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in a selected area or focus. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Research Skills and Practice  
Interior Arch Strategy Studio  
(15 ECTS)

#### **Elective (Choose 2)**

Adaptation and Reuse 1  
Contract Admin/Dispute Resolve  
Const. Project Management  
Commercial BER  
Strategic Management 1  
Multimedia Production  
Free Choice Module

### SEMESTER 2

Research Project Development  
Int Arch Development Studio  
(20 ECTS)

#### **Elective (Choose 1)**

Adaptation and Reuse 2  
New Media Production  
Eng. Project Management  
Global Project Management  
Intl Strategies & Org  
Managing Innovation  
Free Choice Module

### SEMESTER 3

Interior Arch Documentation and  
Dissemination Studio (10 ECTS)  
Research Documentation and  
Dissemination (20 ECTS)



# Architectural Technical Design (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS

## COURSE FEE

EU Applicants €5,000  
Non EU Applicants See Page 10

## APPLICATION

Visit  
<http://www.cit.ie/course/CRCARCT9>  
Closing date: 1<sup>st</sup> June 2015

## FULL TIME

1 Year (12 months continuous, 3 Semesters, September - August)

## PART TIME

Option 1: 2 Years  
Option 2: 3 Years

## LOCATION

CIT Bishopstown Campus

## Overview

The intention of this programme is to develop advanced technical, analytical, assessment, appraisal and research skills in architectural technical design. The structure of the programme facilitates the development of a self-directed technical specialist focus with expertise in the specific areas of sustainable, performance-based, energy-efficient technical design developed through studio exploration and research investigations supported by elective modules.

The programme includes theoretical and practical content aimed to predict future best-practice in environmental responsibility.

A minor focus in interdisciplinary themes can be integrated through elective modules.

Graduates of this programme will be well equipped to meet the challenges of contemporary sustainable, performance-based, energy-efficient architectural technology practice and provide leadership through innovative expertise in technical design with advanced understanding, detailed factual knowledge and specialist skills.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 10 - 15

Which days: Variable

Duration: Three semesters

## Admission Requirements

**Option 1:** BSc (Honours) in Architectural Technology, 50% average pass

**Option 2:** BSc (Honours) in Architecture, BSc (Honours) in Interior Architecture, 50% average pass

**Please note:** portfolio review and interview, additional credits beyond the 90 credit programme may be required for option 2.

## Enquiries

Katherine Keane, Deirdre Ryan  
Department of Architecture  
E: [katherine.keane@cit.ie](mailto:katherine.keane@cit.ie);  
[deirdre.ryan@cit.ie](mailto:deirdre.ryan@cit.ie)  
T: +353 21 433 5970

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in the selected area of focus. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Research Skills and Practice  
Technical Design Strategy  
(15 credits)

#### **Elective (Choose 2)**

M&E Cost Planning  
Building Services Evaluation  
Energy Systems Modelling  
Building Thermal Dynamic Analysis  
Adaptation and Reuse 1  
Contract Admin/Dispute Resolve  
Const. Project Management  
Commercial BER  
Strategic Management 1  
Multimedia Production  
Free Choice Module

### SEMESTER 2

Research Project Development  
Technical Design Development  
(20 ECTS)

#### **Elective (Choose 1)**

M&E Measurement  
Building Energy Calculations  
Adaptation and Reuse 2  
New Media Production  
Eng. Project Management  
Global Project Management  
Intl Strategies & Org  
Managing Innovation  
Free Choice Module

### SEMESTER 3

Research Documentation & Dissemination (20 ECTS)  
Technical Design Dissemination  
(10 ECTS)

# SCIENCE & INFORMATICS

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## PhD

### RUTH KEARY

Ruth Keary graduated from CIT in 2014 with a PhD in Biosciences under the supervision of Dr Aidan Coffey (CREATE - Centre in Advanced Therapeutic Engineering, CIT). Ruth published 6 peer reviewed papers over the course of her PhD.

On completion of her PhD Ruth was immediately employed by the INRA (Institut National de Recherche Agronomique, France) where she is forging a career in research. Ruth is currently working on the "use of bacteria phages as agents of bio-control in veterinary infections".





# Computational Biology (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS; P.Grad.Dip.: 60 ECTS

## COURSE FEE

EU Applicants €5,000  
Non EU Applicants €11,250

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRSCMPB9>  
Closing date: 11<sup>th</sup> September 2015

## FULL TIME

1 Year (3 Semesters, September - December)

## PART TIME

N/A

## LOCATION

CIT Bishopstown Campus

## Overview

Since the structure of DNA was discovered over half a century ago, the amount of data gathered by biotech researchers has grown exponentially. Software has now become one of the main tools used by biologists to make sense of genomics and related data. CIT's MSc in Computational Biology provides graduates with the interdisciplinary skills needed by research institutes and industry to conduct this research. This MSc builds on the recognised international research record of CIT's biotech researchers.

The programme is designed to offer Bioscience and Computer Science graduates the opportunity to develop their knowledge of computing technologies, computational biology and statistics and apply this to the solution of life science problems. It aims to create highly skilled individuals with a unique combination of Bio and ICT skills.

The programme will consist of lectures, a substantial research project which will be presented as a dissertation, tutorials, online peer assisted learning, case studies, data analysis, and assignments. A significant portion of case studies, data analysis and assignments will be carried out by the student in his/her own time in accordance with directed learning guidelines provided.

Student who successfully complete the taught elements of the programme (usually concluded in the first two semesters) will be awarded a Postgraduate Diploma in Computational Biology. The MSc Degree in Computational Biology is awarded to successful candidates who complete the coursework examinations and dissertation aspects of the programme.

## Delivery

### Full-time

No. of weeks per semester: 13  
No. of timetable hours week: 20  
Which days: Monday - Friday  
Duration: Three semesters (usually over 15 months)

## Admission Requirements

A minimum of a second-class honours (2.2) Bachelor of Science in Biological Sciences, Computing or a related discipline.

Candidates with relevant experience will be considered for places through approved processes for recognition of prior learning (RPL), visit [www.cit.ie/rpl](http://www.cit.ie/rpl).

## Enquiries

Dr Roy Sleator  
Department of Biological Sciences  
E: [roy.sleator@cit.ie](mailto:roy.sleator@cit.ie)  
T: +353 21 433 5405

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Structural Biology (10 ECTS)  
Databases & Ontologies (10 ECTS)

#### **Elective**

Application Development for Biosciences 1  
Bioinformatics 1  
Molecular Biology for Computer Scientists 1

### SEMESTER 2

IT Systems Engineering and Management for Biosciences (10 ECTS)  
Biostatistics (10 ECTS)

#### **Elective**

Molecular Biology for Computer Scientists 2  
Bioinformatics 2  
Advanced Application Development for Biosciences 2  
Systems Biology

### SEMESTER 3

Research Project (30 ECTS)



# Cloud Computing (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS

## COURSE FEE

EU Applicants €10,800

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRKCLDC9>  
Closing date: August 2015

## ONLINE

18 months (3 Semesters)

## LOCATION

Online

## Overview

Cloud Computing is considered a relatively new field in Internet computing where novel perspectives in internetworking technologies have emerged. To successfully deal with issues relating to this new paradigm the MSc in Cloud Computing programme aims to equip the graduate with the advanced conceptual understanding, detailed factual knowledge, and specialist architectural and technical skills required to design and implement cloud based solutions and services.

More recently the convergence of the cloud with big data has created additional opportunities for IT professionals to gain valuable insights into their business data. Such insights are critical for companies to maintain their competitive edge, increase their revenues and deliver new innovative services and solutions. The programme also aims to address the skills gap in this area so the graduate is equipped with not only the skills to store the data in the cloud but also to derive meaningful analytics from it to deliver true business value.

The content seeks to reflect current and likely future practice in cloud planning and management, the design and management of virtual environments, data analytics, the consolidation of data centres, security techniques in multi-tenant virtualised environments and related areas that contribute to the building of both private and public cloud environments.

## Delivery

### Online

No. of weeks per semester: 13

No. of timetable hours week: 6

Which days: Tuesday/Wednesday

Duration: Three semesters

The MSc in Cloud Computing is taught online using Cloud based technologies, so students can learn about the cloud in the cloud. Learning technologies such as Blackboard, Adobe Connect and virtualised lab infrastructures are just some of the systems that are used to deliver this innovative programme. Lectures, which are delivered at night are streamed live over the Internet and recorded to facilitate easy playback for students. This offers great flexibility to students as they can access their lectures and labs anytime, anywhere on any device that has a Web browser. It is a testament to the online delivery platform in CIT that students can participate in the programme irrespective of their physical location or working status.

## Admission Requirements

Entry to the MSc in Cloud Computing will require a minimum of a Level 8 Honours Degree in Computing or in a cognate discipline. As this programme is designed specifically for computing professionals working in the IT industry only graduates with experience will gain direct entry into this programme.

## Enquiries

Dr Donna O'Shea  
Department of Computing  
E: [cloud@cit.ie](mailto:cloud@cit.ie)

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills in software development for the Cloud and deepen his/her skill set in data management and analytics.

### SEMESTER 1

Cloud Strategy Planning & Mngt  
Computing Research & Practice  
Managing Virtual Environments  
Data Centre Networking  
Cloud Storage Infrastructures

#### Elective

Scripting for System Administrators  
App. Development Frameworks  
Data Analytics  
Software Engineering  
Software Dev. for the Cloud  
Cryptography  
Mobile Networking  
Software Security  
Free Choice Module

### SEMESTER 2

Cloud Security  
Soft Dev Research Project (20 ECTS)

#### Elective

Scripting for System Administration  
App. Development Frameworks  
Data Analytics  
Software Engineering  
Software Dev. for the Cloud  
Cryptography  
Mobile Networking  
Software Security  
Free Choice Module



# Networking And Security (M.Sc.)

## CREDIT VALUE

M.Sc.: 90 ECTS P.Grad.Dip.: 60 ECTS

## COURSE FEE

Full-time: EU Applicants €5,880  
Non EU Applicants €11,250

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRKNSCE9>  
Closing date: 4<sup>th</sup> September 2015

## FULL TIME

1 Year (2 Semesters & Project)

## PART TIME

2 Years (4 Semesters & Project)

## LOCATION

CIT Bishopstown Campus

## Overview

This programme is designed to produce graduates with advanced theoretical and practical skills and knowledge in Networking and Security, with a demonstrated ability to perform research on topics related to these fields of study.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 18

Which days: Monday - Friday

Duration: Two semesters

### Assessment:

The modules are assessed by examination and by continuous assessment. The programme is hands-on in nature, so many of the modules weigh the continuous assessment element as high as 50%. Two of the modules are assessed by continuous assessment only.

In part-time mode, students attend up to 2 - 3 evenings per week, depending on the modules selected.

### Timetable Hours:

5 credit modules are timetabled at 3 hours per week and 10 credit modules are timetabled at 6 hours per week.

## Admission Requirements

An honours primary degree in a Computing Discipline or equivalent. Applicants must have a good knowledge of Computer Networking basics.

## Enquiries

Vincent Ryan  
Department of Computing  
E: [vincent.ryan@cit.ie](mailto:vincent.ryan@cit.ie)  
T: +353 21 433 5112

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Advanced Networks (10 ECTS)  
Network Security & Penetration (10 ECTS)  
Computing Research & Practice Scripting for System Administrators  
**Elective**  
Free Choice Module

### SEMESTER 2

Enterprise Network Management Security Management and Law (10 ECTS)  
Cryptography  
**Elective** (10 ECTS)  
Data Centre Networking  
Computer Forensics (10 ECTS)  
Malware Analysis (10 ECTS)  
Software Security  
Cloud Security  
Mobile Networking  
Network Design  
Free Choice Module

### SEMESTER 3

Network & Security Research Project (30 ECTS)  
**Elective**  
Free Choice Module

# Software Development (M.Sc.)

<b>CREDIT VALUE</b>	<b>COURSE FEE</b>	<b>APPLICATION</b>
M.Sc.: 60 ECTS	Please email fees@cit.ie	Apply online at <a href="http://www.cit.ie/course/CRKSDEV9">http://www.cit.ie/course/CRKSDEV9</a> Closing date: 4 <sup>th</sup> September 2015
<b>FULL TIME</b>	<b>PART TIME</b>	<b>LOCATION</b>
N/A	2 Years (2 semesters)	CIT Bishopstown Campus

## Overview

The programme is designed to provide the postgraduate student with the advanced theoretical knowledge and skills necessary for their continuing professional development (CPD) in the software industry. The main focus is in the area of software development with particular emphasis on current software design principles and methods and software quality.

### Assessment:

The programme requires the student to take four mandatory and four elective taught modules. A Research Project must also be completed.

## Delivery

### Part -time

No. of weeks per semester: 13

No. of timetable hours week: Variable

Which days: Monday - Thursday (TBC)

Duration: Two semesters

In part-time mode, students attend up to 2 -3 evenings per week depending on the modules selected. Each taught module is scheduled for 2 hours lectures, 1 hour laboratory/tutorial per week. Saturday mornings available for laboratories if and when required.

## Admission Requirements

Applicants will normally have a primary honours degree with first or second class honours or its equivalent, in a computing discipline. Other applicants may be accepted if they have a degree in any discipline and at least four years' experience in Software Development and can satisfy CIT that they possess an adequate background for the programme.

Applicants may be interviewed by an admission panel. Particular attention will be paid to the applicants' software development experience and motivation, as well as their formal knowledge of object oriented technologies. Applicants may be directed to undertake bridging studies before commencing the programme. The interview will also be used to explore the applicant's

## Enquiries

Dr John Creagh  
Department of Computing  
E: IT@cit.ie  
T: +353 21 433 5113

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Software Engineering  
Computing Research & Practice  
Advanced Object Technology

#### **Elective**

Web-Based Systems  
Comp Simulation and Modelling  
Artificial Intelligence

### SEMESTER 2

Software Quality  
Soft Dev Research Project (20 ECTS)

#### **Elective**

Software Security  
Real Time Systems  
Human-Computer Interaction  
Software Dev. for the Cloud

# MUSIC

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## MA IN MUSIC PERFORMANCE ALEX PETCU-COLAN

Alex graduated with a First Class Honours MA in Music Performance in 2013, the year in which he won the Irish Freemasons' Young Musician of the Year competition. He is a busy freelance musician and performs regularly with the RTÉ National Symphony Orchestra, RTÉ Concert Orchestra, Crash Ensemble, and Irish Chamber Orchestra. In addition to his orchestral work, he has also performed as a soloist with both RTÉ orchestras. Alex has been named the 2015 Rising Star at the National Concert Hall, Dublin.



# Music & Technology

## (M.A. / M.Sc.)

### CREDIT VALUE

M.A., M.Sc.: 90 ECTS

### FULL TIME

1 Year (3 Semesters, September - August)

### COURSE FEE

Full time: EU Applicants: €3,800  
Non-EU Applicants: €11,250

### PART TIME

Please contact course coordinator

### APPLICATION

**M.A.:** visit  
<http://www.cit.ie/course/CRGMUTE9>  
**M.Sc.:** visit  
<http://www.cit.ie/course/CRGMUST9>  
**Closing date:** 1<sup>st</sup> August 2015

### LOCATION

CIT Cork School of Music (CSM), Union Quay, Cork City

## Overview

The Masters in Music & Technology have a very practical, hands-on approach. Our ethos is that this cross-disciplinary programme will foster a combination of technical know-how and confidence with creativity and musicality. A Master of Arts award or Master of Science Award can be chosen depending on the student's pathway through the programme.

The Masters in Music & Technology offers training and experience to enhance the talents and skills necessary to work in the creative industries of the future.

The programme takes full advantage of the CSM's state-of-the-art performance spaces, Recording Suite (Live, Control, and Editing rooms), Electronic Music Studio, dedicated laboratories and many performance opportunities. A cross-faculty body of experienced lecturers and practitioners in the field delivers the programme. Learners from different disciplines will be able confidently and competently to interact with, and find employment within, several fields of study and industry. Adding this training to the opportunity to work with some of the finest up-and-coming musicians in Ireland, from all walks of life, will result in an exceptional Music Technologist.

The programme aims to enable learners from different disciplines to interact confidently and competently to with, and find employment within, several fields of study and industry.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 13

Which days: Monday to Friday

Duration: Three Semesters

**Part Time:** Arrangements should be discussed with the course coordinator.

The first two semesters (September - January and January - June) each have a 30-credit load, delivered through a combination of 5-credit mandatory and elective modules. Independent work is undertaken over the final June - August period in respect of a 30-credit project. The type of award, MA or MSc, depends on the nature of the project undertaken during this period.

## Admission Requirements

Applications are invited by way of a submitted application form and shortlisted candidates will be interviewed in July/August, if required, where the applicant must display musical competence. Normally, an Honours 2.2 Degree in a cognate area is required and work-based experience is an advantage. Recognition is given for relevant prior learning where the applicant does not have a relevant Honours Degree ([www.cit.ie/rpl](http://www.cit.ie/rpl)), and the applicant should contact the course coordinator.

## Enquiries

Hugh McCarthy  
Department of Academic Studies,  
CIT Cork School of Music  
E: [hugh.mccarthy@cit.ie](mailto:hugh.mccarthy@cit.ie)  
T: +353 (0)21 480 7324

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in Music Technology. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

Recording Studio 1  
Computer Music 1  
Acoustics and Psychoacoustics

#### **Elective**

Problem Solving & Programming  
Interpreting Sound & Music  
Audio Electronics  
Digital Culture  
Marketing & Media Law  
Core Instrumental Studies 5  
Core Instrumental Studies 7  
Devised Performance Project

### SEMESTER 2

Recording Studio 2  
Computer Music 2  
Sound Synthesis

#### **Elective**

Music & Technology 4 - Live Sound  
Audio Signal Processing  
Ethics & Aesthetics  
Cybercultures  
Business & Info Management  
Core Instrumental Studies 6  
Core Instrumental Studies 8  
Devised Performance Project

### SEMESTER 3

#### **Elective**

MA: Electronic Composition Project (30 ECTS)  
MSc: Music & Technology Research (30 ECTS)





# Music (Performance/Conducting/Composition) (M.A.)

CREDIT VALUE	COURSE FEE	APPLICATION
M.A.: 120 ECTS	Full-time: EU Applicants: €4,000 Non-EU Applicants: €11,250	Visit <a href="http://www.cit.ie/course/CRGMUSC9">http://www.cit.ie/course/CRGMUSC9</a> Closing date: 31 <sup>st</sup> May 2015
FULL TIME	PART TIME	LOCATION
2 Years (4 Semesters)	N/A	CIT Cork School of Music (CSM), Union Quay, Cork City

## Overview

This programme is aimed specifically at:

- Recent graduates wishing to pursue their studies to Masters level
- Established professionals returning to update their skills and qualifications

A full-time, 120 credits, taught course for performers (instrumentalists/singers/accompanists/chamber ensembles), conductors and composers

- Instrumentalists/singers receive weekly individual lessons and ensemble coaching sessions as appropriate
- Conductors receive weekly individual lessons and supervised rehearsals
- Composers receive weekly individual lessons and supervised reading/performance/recording sessions

## Delivery and Assessment

For detailed information about the Course delivery and assessment, please visit <http://www.cit.ie/course/CRGMUSC9>

Performers are examined primarily through a series of three public recitals/concerto performances; conductors will be examined through a series of three public concerts and associated rehearsals; composers will be examined primarily through the submission of a portfolio of compositions in three instalments. As an alternative to the third public performance, suitable candidates may undertake a dissertation, or a compositional or conducting module. The programme will include opportunities to participate in masterclasses with international artists as well as workshops with professionals operating in the international cultural sector.

During the first semester all students are required to submit a Planning Portfolio exploring planning issues, repertoire and preparation of performances/compositions. Students will also benefit from training in recording technology and interact with peers from the Taught MA in Music and Technology course. Using the school's state-of-the-art facilities, students will be able to obtain high quality recordings of their performances as well as producing demo recordings. A free choice module is also taken during the first semester. This can be in a cognate area, such as Research Methodology or Music and Technology, but need not be directly related to music.

All students take a common Professional Studies course over the first two semesters dealing with entrepreneurial, organisational, presentational, and technological issues common to all performers/composers, and (during the second semester) each student delivers a case study arising from the lecture material to the cohort of postgraduate students and leads the ensuing seminar.

In the last semester, candidates will also be required to submit a Reflective Portfolio for examination. Although this will consist primarily of written reflections on the learning experiences relating to the core practical elements of the course, it will also include a written summary of the candidate's seminar presentation for the Professional Studies element of the course.

Established professional performers, conductors and composers are entitled to apply for RPL (Recognition of Prior Learning) in respect of the assessment requirements by submitting scores/recordings for assessment. Students may also avail of the Erasmus programme to earn credit through study at a partner institution.

## Delivery

### Full-time

No. of weeks per semester: 15

No. of timetable hours week: Variable

Which days: Variable

Duration: 2 Years (4 Semesters)

## Admission Requirements

Either a primary degree (a BMus degree or a BA degree with Music as the major subject) awarded with at least 2nd Class Honours in a relevant area, or an equivalent degree in another area together with a recognised professional qualification awarded by a Conservatory or International Examining Body in Performance at Licentiate or Fellowship level), or be prepared to submit to a HETAC (now QQI) approved qualifying process.

Candidates will be required to present for audition/interview, normally in the month of June.

## How to Apply

Applicants other than CIT Cork School of Music BMus Degree Year 4 students must submit a letter of application, curriculum vitae, and in the case of performers/conductors, one recording of at least two contrasting pieces (total length 15 minutes) or for composers a portfolio of work. CIT Cork School of Music BMus Degree Year 4 students must submit a letter of application and their final results in performance modules will determine qualification for entry.

## Enquiries

Nicholas O'Halloran  
CIT Cork School of Music  
E: [nicholas.ohalloran@cit.ie](mailto:nicholas.ohalloran@cit.ie)  
T: +353 (0)21 432 6873

# ART, DESIGN & MEDIA COMMUNICATIONS

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## MA IN JOURNALISM WITH NEW MEDIA DIARMUID SHEEHAN

"I found this course challenging and exhilarating. The MA encourages students to express their thoughts and abilities and manages to strike a perfect balance between academic and practical work, which fits in perfectly with the world of the modern journalist. The course looks at online, print, video and audio platforms as well as focusing on the legal and ethical obligations on practicing journalists."

Applying for the MA in Journalism course was one of the best decisions I have made in many years."



# Art Therapy (M.A.)

## CREDIT VALUE

M.A.: 90 ECTS

## COURSE FEE

Full time: EU Applicants €7,560  
Non EU Applicants €11,250

## APPLICATION

Visit  
<http://www.cit.ie/course/CRATHPY9>  
Closing date: 30<sup>th</sup> April 2015

## FULL TIME

2 Years  
(4 Semesters, September to May)

## PART TIME

3 Years  
(6 Semesters, September to May)

## LOCATION

CIT Crawford College of Art & Design,  
Sullivan's Quay Campus, Cork City

## Overview

The programme aims to equip Art Therapy practitioners with a range of therapeutic skills and interventions to work with both individual and group clients in a range of health and community settings and follows three strands of learning:

- **Theoretical Studies (25 Credits)**
- **Experiential Art Therapy Training (20 Credits)**
- **Clinical Placement and Professional Studies (45 Credits)**

Supervision of the clinical experience is central to the art therapy training and is provided in small groups at Crawford College and individually on placement.

Students are encouraged to experience a number of differing placement situations over the course of their training. Please note that students must have their placements in a new setting and not at their workplace.

Because of the clinical placement component of this course it is a condition of entry that all successful applicants who gain a place on the course will be subject to a Garda Clearance procedure.

This is a 90 credit modular course which on completion of the training allows individuals to then register with the professional body for the Creative Arts Therapies in Ireland, IACAT (Irish Association of Creative Arts Therapists).

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week:  
12hours College & 12hours Clinical Placement

Which days: Variable

Duration: Four Semesters

The training can be completed over either a full-time period of two years or ACCS (part-time mode) of three years. Attendance of four days per week on the full-time course (two college days and two clinical placement days) and two days per week on the part time/ACCS course (one college day and one clinical placement day)

## Admission Requirements

An Honours degree, or equivalent. Minimum of one year or equivalent, full-time clinical/care work in an area relevant to art therapy, paid or voluntary.

This work may be, for example, in Health or Social Services, Special Education, Community Care or Day Centres, with clients who have a mental illness, learning or physical disability.

Applicants normally require:

- A basic understanding of Art Therapy
- An Honours degree, or equivalent, in Visual Art. Where graduate qualifications are not in the visual arts, for example, Psychiatric Nursing, Social Work or Teaching, evidence of a substantial and developing body of current and recent art work is essential
- Two satisfactory references from clinical and professional persons who have knowledge of the candidate's education, training and experience
- Pre-course experience in personal therapy or counselling is preferred:
- Minimum of one year, or equivalent, full-time clinical/care work in an area relevant to art therapy, paid or voluntary. This work may be, for example, in Health or Social Services, Special Education, Community Care or Day Centres, with clients who have a mental illness, learning or physical disability

- Strong portfolio of personal artwork showing an understanding of an appropriate art form, the art-making process showing the applicants relationship and connection to their creative process

## Enquiries

Ed Kuczaj  
Department of Art Therapy &  
Continuing Visual Education  
E: [ed.kuczaj@cit.ie](mailto:ed.kuczaj@cit.ie)  
T: +353 21 433 5246

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

Clinical Placement Prep/ Sup 1  
Art Therapy Experiential Learning 1  
Art Therapy History & Theory 1  
Clinical Placement 1 (10 credits)

### SEMESTER 2

Art Therapy Theory & Research2  
Art Therapy Experiential Learning 2  
Clinical Placement Support 2  
Clinical Placement 2 (10 credits)

### SEMESTER 3

Art Therapy Experiential Learning and Studio Practice 3  
Art Therapy Theory & Res 3  
Clinical Placement Support 3  
Clinical Placement 3 (10 credits)

### SEMESTER 4

Art Therapy Theoretical Studies 4 (10 ECTS)  
Clinical Placement 4  
Art Therapy Experiential Learning 4



# Art & Process

## (M.A.)

### CREDIT VALUE

M.A.: 90 ECTS

### FULL TIME

1 Year (3 Semesters, late January to early December)

### COURSE FEE

EU Applicants: €4,140  
Non-EU Applicants: €9,250

### PART TIME

N/A

### APPLICATION

Apply online at  
<http://www.cit.ie/course/CRAARTP9>  
Closing date: 31<sup>st</sup> October 2015  
Late applications are considered until 31<sup>st</sup> December, subject to availability.

### LOCATION

CIT Crawford College of Art & Design,  
Sharman Crawford St., Cork City

## Overview

MA in Art & Process (MA : AP) is an intensive and stimulating taught masters. This research-intensive programme enables students to investigate, develop, and position their art practice in a rigorous learning environment.

MA:AP offers: innovative approaches to learning, 24 hour access to large individual studio spaces, access to college workshops & facilities, professional experience through collaborative projects, peer-to-peer exchange, and a bespoke visitor lecture series. Students engage in seminars, tutorials and lectures to strengthen their individual practice.

### Semester 1 CRITIQUE:

The spring semester opens the course with an intensive period of interaction and events, contextualising art practice within contemporary critical thinking through seminars, visiting lectures, and a study trip.

### Semester 2 RESEARCH:

This semester is defined by independent research. Having rehearsed research methodologies, this is a period to reflect on and consolidate practice.

### Semester 3 PRESENTATION:

The third semester is defined by intensive studio development with a high level of critical input, which builds towards an exhibition of work. This exhibition is then the object of further learning opportunities, through a final period of critical reflection, characterised by writing, documentation, and working with audience groups.

Lecturing staff includes contemporary practitioners: Ailbhe Ní Bhriain, Colin Crotty, Jesse Jones, Lucy Dawe-Lane and UCC's Lewis Glucksman Gallery curatorial team.

Visiting lecturers have included: Clodagh Emoe, Maud Cotter, John O' Connell, Mark Garry, Tina Kinsella, Gavin Delahunty, Stephen Brandes, Anna Konik, Niall Sweeney - Pony LTD, Gema Tipton, Dawn Williams, Something & Son, Woodrow Kernohan, Fergal Gaynor, Sam Keogh amongst others.

## Delivery

### Full-time

No. of weeks per semester: 13

No. of timetable hours week: circa. 10 hours per week

Which days: Primarily Monday & Tuesday  
Research period during summer semester, 24 hr access to city centre studios.

Duration: Three semesters

## Admission Requirements

MA:AP welcomes applicants with diverse backgrounds. Those holding a Level 8 Honours Bachelor Degree in Fine Art or an associated discipline, with a minimum of an Honours 2.2 (or equivalent) are eligible to apply for the programme. Graduates from other subject areas are invited to apply provided they meet the entry requirements.

Applicants who hold a Level 8 award at pass level or a Level 7 award (or equivalent) may be considered on the basis of significant relevant experience.

In certain circumstances mature applicants with long-standing professional experience will be considered for eligibility through recognition of prior and experiential learning, policies for which are well established in CIT.

## Enquiries

Trish Brennan  
Department of Fine Art & Applied Art  
E: [trish.brennan@cit.ie](mailto:trish.brennan@cit.ie)  
T: +353 21 433 5200

## Modules

**All modules are 5 credits (ECTS) unless otherwise noted.**

### SEMESTER 1

MA: Research Practices 501  
MA: Fine Art Studio 501 (15 ECTS)  
MA: Institutions and practices  
MA: Situations 501

### SEMESTER 2

MA: Fine Art Placing Practice  
MA: Fine Art Studio 502 (15 ECTS)  
MA: Contextual Research 502 (10 ECTS)

### SEMESTER 3

MA: Fine Art Studio 503 (20 ECTS)  
MA: Fine Art - Productions  
MA: Interactions 503

# Art & Design Education (M.A.)

## CREDIT VALUE

M.A.: 90 ECTS

## COURSE FEE

EU Applicants €4,140

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRAATDE9>  
Closing date: 31<sup>st</sup> August 2015

## FULL TIME

N/A

## PART TIME

2 Years (5 Semesters, September to August)

## LOCATION

CIT Crawford College of Art & Design,  
Sharman Crawford St., Cork City

## Overview

It is designed to provide students with a wide range of theoretical and practical insights into how individuals learn through art and design.

The programme offers students the opportunity to further develop their knowledge and skills in art and design teaching to meet curriculum requirements or to develop effective teaching programmes in more informal educational settings.

The following themes of study are provided:

- Educational Policy and the arts in education
- Curriculum development and evaluation for art and design
- Visual Arts Practice, traditional and technological
- Aesthetics and Art Criticism
- Art Therapy
- Inclusive and Special Needs Education through Visual Arts
- Research Methodologies

## Delivery

### Full-time

No. of weeks per semester: 12

No. of timetable hours week: 6 - 8

Which days: Variable

Duration: Five semesters

## Admission Requirements

Eligible applicants are those who hold a Level 8 Honours H2.2 Bachelor Degree in Fine Art or Design (or similar) and either:

- Higher Diploma in Arts for Art and Design Teachers or equivalent i.e. an older qualification or a recognised teaching qualification from another country **or**
- BA/BEd in Art and Design Education (Level 8) **or**
- An equivalent qualification in art and design education or
- Applicants who hold a teaching qualification in subjects other than art and design may also be considered.
- Applicants who hold a Level 8 award at pass level or a Level 7 award (or equivalent) may be considered on the basis of significant relevant experience.

## Enquiries

Albert Walsh  
Department of Art and Design  
Education  
E: [albert.walsh@cit.ie](mailto:albert.walsh@cit.ie)  
T: +353 21 433 5247

## Modules

### All modules are 10 credits unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in Art and Design Education. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

ICT in Art Education (MA)  
Educational Management & Leadership

#### **Elective**

Aesthetics and Art Criticism  
Individuality in Art Education

### SEMESTER 2

Historical & Contemporary Art  
Practice in Education  
Research Methods ArtEd MA

#### **Elective**

Art Therapy in Education  
Inclusion & Diversity in Education

### SEMESTER 3

MA Research Dissertation Education  
(30 ECTS)

# Teaching Visual Arts for Primary and Early Years Education (M.A.)

<b>CREDIT VALUE</b>	<b>COURSE FEE</b>	<b>APPLICATION</b>
M.A.: 90 ECTS	EU Applicants: €4,140	Apply online at <a href="http://www.cit.ie/course/CRATAPE9">http://www.cit.ie/course/CRATAPE9</a> Closing date: 31 <sup>st</sup> August 2015
<b>FULL TIME</b>	<b>PART TIME</b>	<b>LOCATION</b>
N/A	2 Years (5 Semesters, September to August)	CIT Crawford College of Art Design Sharman Crawford St., Cork City

## Overview

This programme is aimed specifically at:

- Educators at Primary level, both experienced or newly qualified, who wish to develop expertise in teaching Visual Arts and who wish to advance their qualifications to MA Level.
- Childcare professionals with suitable qualifications with similar aspirations with regard to teaching Visual Arts.

Those involved in other related sectors of education. The programme is offered on a full-time or part-time basis subject to applicants' needs and module demand.

The programme offers modules that will collectively explore the relevance of the Visual Arts in the education of children from Early Years Education through Primary Level. It exposes students to the crucial factors that impact on this process. It is designed to provide students with a wide range of theoretical and practical insights into how children learn through the Visual Arts.

The programme is delivered through a flexible framework of formal lectures, tutorials and practical art and craft workshops. It offers students the opportunity to develop their knowledge and skills in visual arts teaching to meet curriculum requirements or to allow students to become visual arts specialists in their workplace.

The themes of study are:

- The role of the Visual Arts in child development
- Planning and managing visual arts learning activities
- Visual Arts Practice, traditional and technological

- Art History and Appreciation
- Art Therapy
- Inclusive and Special Needs Education through Visual Arts
- Information and Communications Technology (ICT)
- Research Methodologies

## Delivery

### Part Time

No. of weeks per semester: 12

No. of timetable hours week: 6 – 8

Which days: Variable

Duration: Five semesters

## Admission Requirements

Applicants are expected to have either:

- A BEd (minimum H2.2) for primary school teaching or equivalent recognised qualification **or**
- A BA in Early Childhood Care and Education (Level 8) (minimum H2.2) **or**
- An equivalent qualification in primary, early years or special education

### Garda Vetting:

This programme may require applicants to undergo a Garda Vetting process. This requirement is due to the mandatory external placement element of the programme which will bring the applicant into contact with children or vulnerable adults and in which they will assume positions of trust.

## Enquiries

Albert Walsh  
Department of Art and Design  
Education  
E: [albert.walsh@cit.ie](mailto:albert.walsh@cit.ie)  
T: +353 21 433 5247

## Modules

**All modules are 10 credits unless otherwise noted.**

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in Art Education. The elective modules offered in any given year are delivered subject to demand and resource availability.

Part-time students may take modules on a phased basis and achieve the programme qualification over a number of academic years.

### SEMESTER 1

Art & Design for Primary and Early Years Teaching

Individuality in Art Education

#### **Elective**

ICT in Art Education

Educational Management & Leadership

Aesthetics and Art Criticism

### SEMESTER 2

Research Methods in Art Education

Teaching Practice in Primary Art Education

#### **Elective**

Art Therapy in Education

Inclusion & Diversity in Education

Historical and Contemporary Art Practice

### SEMESTER 3

MA Research Dissertation in Education (30 ECTS)





# Professional Master Of Education (Art & Design) (Joint programme with UCC)

CREDIT VALUE	COURSE FEE	APPLICATION
120 ECTS	EU Applicants €10,800 Non EU Applicants See Page 10	Please visit <a href="http://www.cit.ie/course/CRARTED9">http://www.cit.ie/course/CRARTED9</a> Closing date: 30 <sup>th</sup> January 2016
FULL TIME	PART TIME	LOCATION
2 Years (4 Semesters, September to June)	N/A	See below

## Overview

The programme is offered jointly by CIT Crawford College of Art & Design (CCAD) and University College Cork (UCC), and is organised in partnership with second-level schools, normally located within a 50 km (30 mile) radius of Cork city.

On successful completion of the programme, students will have acquired the professional knowledge, the diverse subject knowledge, the understanding and skills that is required to teach Art and Design in a second-level school. Students will have gained practical experience in two contrasting school settings, and will have developed their ability to respond flexibly to the diverse and changing needs of students aged 12 to 18 years. Students will have been challenged, encouraged and invited to question their beliefs and assumptions about the purpose of education, the nature of teaching and learning and the role of the teacher in the 21st century.

**The Professional Master of Education (Art and Design) (PME (Art and Design)) is recognised and accredited by the Teaching Council of Ireland for the purpose of registration as a post-primary teacher of Art and Design in Ireland and the EU.**

## Delivery

### Full-time

No. of weeks per semester: 12

No. of timetable hours week: 6 - 8

Which days: Monday to Friday

Duration: Four semesters

### Year 1:

- School-based activity (30 credits) i.e., direct teaching of Art and Design (20 credits), and research and professional experiences portfolio (10 credits)
- Curriculum-related Art and Design Practice, and Art and Design pedagogy (10 credits);
- Foundation Studies - areas covered are philosophy, history, psychology and sociology of education; inclusive education, and curriculum and assessment (20 credits).

### Year 2:

- School placement-related activity (30 credits) i.e., direct teaching of Art and Design (20 credits), and a collaborative seminar looking at contemporary issues in Irish schools (10 credits).
- Art and Design Pedagogy (5 credits)
- Foundation Seminar is (5 credits)
- Professional Research Dissertation (20 credits).

## Admission Requirements

Candidates must have a primary degree in a Fine Art or Design discipline(s) that is recognised by the Teaching Council of Ireland as qualifying you to teach Art and Design at post-primary level. In some cases equivalent qualifications that are recognised by the Teaching Council for the teaching of Art and Design may be considered. Eligible applicants will also be interviewed.

### Garda Vetting:

This programme requires applicants to undergo a Garda Vetting process. This requirement is due to the mandatory external placement element of the programme which will bring the applicant into contact with children or vulnerable adults and in which they will assume positions of trust.

### Teaching Council information:

[www.teachingcouncil.ie](http://www.teachingcouncil.ie) or  
E: [info@teachingcouncil.ie](mailto:info@teachingcouncil.ie)  
T: +353 (0)1 651 7900 or  
LoCall 1890 224 224

## Enquiries

Albert Walsh  
Department of Art and Design  
Education  
E: [albert.walsh@cit.ie](mailto:albert.walsh@cit.ie)  
T: +353 21 433 5247



# E-Learning Design and Development (M.A.)

## CREDIT VALUE

M.A.: 60 ECTS

## COURSE FEE

EU Applicants €3,300  
Non-EU Applicants See Page 10

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRHELDE9>  
Closing date: 20<sup>th</sup> November 2015

## ONLINE

1 Year (2 Semesters, January to September)

## LOCATION

N/A

## Overview

E-learning has now become a key practice and service at all levels of education and training. In this context there arises a concomitant need – separate to direct employment in the e-learning industry – for individuals to support existing e-learning systems while also guiding future developments in this fast changing area. Recent years for instance have seen a wider use of job titles such as “Learning Technologist”, “E-learning Officer” and “E-learning Instructional Designer” to capture the roles and responsibilities of those charged with providing guidance, encouragement and support for the effective use of technology to facilitate learning.

### Programme Aim and Orientation:

In the above context the programme seeks to produce developers of cutting edge, educationally effective e-learning solutions. Our graduates, subsequently, will go on to work as designers and developers either directly as part of the burgeoning e-learning sector or in support of in-house e-learning and learning technology departments which are becoming mainstream in a number of other areas and industries.

The programme is a Master of Arts and, as such, reflects a special orientation towards, variously, creativity, culture and design, rather than technology per se.

## Admission Requirements

Direct entrants to this 60 credit award would typically require a Level 8 qualification in fields such as multimedia, digital media, media applications or a relevant area of design. Applicants without such qualifications will also be considered if they can show an equivalent level of learning gained through practice or any other means (see CIT’s policy for Recognition of Prior Learning [www.cit.ie/rpl](http://www.cit.ie/rpl)).

In all cases final admission to the course will be on the basis of interview.

## Enquiries

Dr Gearóid Ó Súilleabháin  
Department of Media Communications  
E: [gearoid.osuilleabhain@cit.ie](mailto:gearoid.osuilleabhain@cit.ie)  
T: +353 21 433 5933

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The programme is delivered entirely online using many of the same e-learning tools and technologies which also form the course curriculum. All registered students are also, uniquely, given access to a virtualised desktop which provides all their multimedia software and remote storage requirements for the duration of the course. This means the programme may appeal to those who, for whatever reasons, cannot commit to attending regular face-to-face lectures and labs or who simply find the flexibility and convenience of studying at a distance attractive.

### SEMESTER 1

E-Learning Instructional Design  
Education Research & Proposal  
(10 ECTS)

New Media Workplace

Narrative & Games for Learning

E-Learning Authoring

### SEMESTER 2

E-learning Thesis (20 ECTS)

E-learning Project (10 ECTS)



# Journalism with New Media

## (M.A.)

CREDIT VALUE	COURSE FEE	APPLICATION
M.A.: 90 ECTS	EU Applicants €4,140 Non EU Applicants €11,250	Apply online at <a href="http://www.cit.ie/course/CRHJWNM9">http://www.cit.ie/course/CRHJWNM9</a> Closing date: 1 <sup>st</sup> September 2015
FULL TIME	PART TIME	LOCATION
1 Year (3 Semesters, September to August)	N/A	CIT Bishopstown Campus

### Overview

The overall aim of this programme is to produce graduates who can demonstrate essential skills in the fast-moving environment that is modern Journalism. Graduates will have acquired the knowledge, skills and competencies that will equip them to function as professionals with a solid grounding in the tools and practices of print, broadcast and online journalism.

Course content focuses strongly on journalistic tools and techniques, particularly within the growing new media environment, and on the increasing globalisation and convergence of the media industries.

The course is a well-rounded, professional programme that prepares graduates for entry-level positions in the media. The programme stresses a balance of academic and practical modules and offers a solid grounding in the tools and practices of print, broadcast, and online journalism.

### Delivery

#### Full-time

No. of weeks per semester: 13

No. of timetable hours week: 30

Which days: Monday to Wednesday

Duration: Three semesters

### Admission Requirements

Entry requirements for this course will be in accordance with standard Institute admissions procedures. Entrants will be expected to hold minimum of a 2.2 honours degree.

Admission to the course will be on the basis of interview. Recognition of Prior Learning (RPL) will be applicable for candidates entering from the workplace or applying for admission from other institutes. Visit [www.cit.ie/rpl](http://www.cit.ie/rpl)

### Enquiries

Frank O'Donovan  
Department of Media Communications  
E: [frank.odonovan@cit.ie](mailto:frank.odonovan@cit.ie)  
T: +353 21 432 6117

### Modules

#### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines such as Studio Technology, Business and Entrepreneurship.

#### SEMESTER 1

Audio-Visual Broadcasting One  
News Writing and Editing  
Media History & Structure  
Research Methods and Practice  
Multimedia Production  
New Media Workplace

#### SEMESTER 2

Audio-Visual Broadcasting Two  
Features and Web Writing  
Media Law, Ethics & Professional Practice  
Cybercultures  
New Media Production

#### Elective

Studio Technology  
Free Choice Module

#### SEMESTER 3

Journalism Master Project (30 ECTS)



# Public Relations with New Media (M.A.)

## CREDIT VALUE

M.A.: 90 ECTS

## COURSE FEE

Full Time: EU Applicants €4,140  
Non EU Applicants €11,250

## APPLICATION

Apply online at  
<http://www.cit.ie/course/CRBPRNM9>  
Closing date: 14<sup>th</sup> August 2015

## FULL TIME

1 Year (3 Semesters, September to June)

## PART TIME

See below

## LOCATION

CIT Bishopstown Campus

## Overview

This innovative MA programme offers the opportunity to gain a comprehensive understanding of public relations as a form of communication and pays particular attention to the growing importance of digital and interactive media on the practice of public relations and professional communications.

By developing student's research, planning, managerial and multimedia skills the course aims to produce graduates who can display leadership and show the capacity for innovation within the dynamic and fast evolving professional communications industry. Course content focuses strongly on PR tools and techniques, particularly within the growing new media environment, and on the increasing globalisation and convergence of the media industries.

Through liaison with PR professionals and by working on 'live' industry projects, the course aims to equip graduates with the knowledge, skills and competencies required to effectively function as a public relations professional in an era of high-speed and interactive digital communications.

## Delivery

### Full Time

No. of weeks per semester: 13

No. of timetable hours week: 16

Which days: Monday to Thursday

Duration: Three semesters

### Part Time:

Applicants may choose to undertake this programme on a part-time basis. Part-time students take modules on a phased basis and achieve the programme qualification over a number of academic years.

## Admission Requirements

Entry requirements for this course will be in accordance with standard Institute admissions procedures. Entrants will be expected to hold minimum of a 2.2 honours degree.

Admission to the course will be on the basis of interview. Recognition of Prior Learning (RPL) will be applicable for candidates entering from the workplace or applying for admission from other institutes.

## Enquiries

Emmett Coffey  
Department of Media  
Communications  
E: [emmett.coffey@cit.ie](mailto:emmett.coffey@cit.ie)  
T: +353 21 432 6118

## Modules

### All modules are 5 credits (ECTS) unless otherwise noted.

The elective modules afford the learner the opportunity to broaden his/her skills set in other disciplines or to deepen his/her skills set in the wider professional communications environment. The elective modules offered in any given year are delivered subject to demand and resource availability.

### SEMESTER 1

PR Theory & Application  
Ethics & Social Responsibility  
Multimedia Production  
Media Writing  
Research Methods and Practice  
**Elective**  
Strategic Digital Marketing  
Strategic Management 1

### SEMESTER 2

PR and New Media  
New Media Production  
Cybercultures  
Bus Communication & Online Writing  
Public Relations Campaigns  
**Elective**  
Media Law, Ethics & Professional Practice  
Event & Project Management  
The Business Environment

### SEMESTER 2

PR Master Project (30 ECTS)

# GRADUATE PROFILES AT A GLANCE

## MENG IN STRUCTURAL ENGINEERING

### MICHAEL MINEHANE



Michael graduated with a BEng (Hons) in Structural Engineering in 2010. He was part of the first class to complete the MEng in Structural Engineering at CIT, from which he graduated with a first class honours in 2011.

Michael is employed as a structural design engineer with RPS Group in Cork, where his role has a particular emphasis on the design, inspection, assessment and rehabilitation of bridges and other large civil engineering structures.

## MENG IN CIVIL ENGINEERING (ENVIRONMENT AND ENERGY)

### ALAN COSTELLO



“The MEng in Civil Engineering (Environment and Energy) is particularly relevant to the engineering sector today. Combining my role as a Chartered Engineer with part-time education in CIT, I found the course content to be immediately transferable to my work in engineering consultancy. It has helped broaden my existing knowledge and develop specialist skills in hydrology, water and wastewater, renewable energy and sustainability. My research thesis in low-energy buildings has also led to new project opportunities in my current role.”

# GRADUATE PROFILES AT A GLANCE

PhD

**MONIKA KOZIEL**

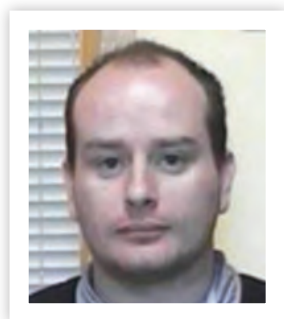


Monika's research into bacterial associated gastroenteritis, which involved significant collaboration with Cork University Hospital, was supported by the Irish Research Council with additional funding from Serosep - a Limerick based molecular diagnostics company. Monika published 8 peer reviewed papers and identified a new bacterial species - which she named *Campylobacter corcagiensis*; in honour of her adopted home town of Cork.

On completing her PhD, Monika was appointed to a senior scientist role in Serosep - the company that co-funded her PhD research. This new position allows Monika to combine her research skills with international travel and business development.

PhD

**LIAM MOORE**



In 2006 Liam joined the Smart Systems Integration Group in the NIMBUS Centre for Embedded Systems Research at the Department of Electronic Engineering, CIT, as a PhD student. His research focused on the creation of ultra-miniature embedded modules for prognostic reliability monitoring. He was awarded a PhD in 2011. Following his PhD, Liam worked as a researcher at Tyndall National Institute on the topic of wireless sensing systems.

Liam has rejoined NIMBUS as a Senior Researcher. His role is the design and development of new embedded solutions to solve a range of issues across varying application areas including Energy, Agriculture, Water and Health.

MA BY RESEARCH

**CORAL O'SULLIVAN**

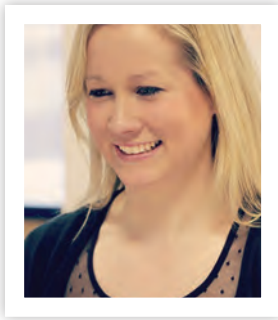


Coral is a Law Graduate of University College Cork and a graduate of the BMus Programme at the CIT Cork School of Music. In 2013, Coral was awarded an M.A. by Research for her work on The Commissioned Works of the Contemporary Music Seminars of the Cork International Choral Festival 1962-2012: an Annotated Catalogue. She is currently employed as a Lecturer in Oboe at the CIT Cork School of Music and also at the County Cork School of Music. Coral is a Librarian with the Cork County Library and Arts Service, and is an active free-lance musician.



## MA IN PUBLIC RELATIONS WITH NEW MEDIA

### GILLIAN LYONS



“The course contained a good mix of PR, digital marketing as well as content writing - something not many courses offer despite the massive growth in the digital sector.

The course provided me with vital skills and knowledge to kick start my career in Digital Marketing. I have worked on exciting projects including social campaigns, e-learning courses, animations, and overseeing new website builds for well-known clients such as Club Orange, Fáilte Ireland, and the GAA. The lecturers were fantastic and I could not recommend the MA in PR with New Media course highly enough!”

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All information in this publication is accurate at the time of printing. Changes of courses, options, fees and dates may occur between printing and September 2015. In addition, factors such as the unexpected unavailability of staff, or a level of application below that which is minimally required to allow a course to run, may make it practically impossible, or prohibitively expensive for the Institute to offer an option listed in this publication. Any offer of a place made to you is subject to your consenting to the incorporation of this notice as a term of any such offer.

All applicants should make all reasonable effort prior to registration to ensure that the course/programme they are registering for meets their expectations, by contacting the relevant course coordinator or prospective supervisor/research coordinator.

The information set on these pages is intended as a guide only and shall not be deemed to form a contract between the Institute and an applicant or any third party.

E&OE

