



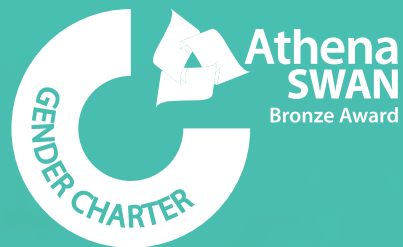
National
College *of*
Ireland

NATIONAL COLLEGE OF IRELAND

PROSPECTUS

2024-2025

POSTGRADUATE
AND PART-TIME



QQI AWARD

All programmes are offered subject to sufficient numbers of students.
This document is intended as a guide to programmes. Every effort has been made to ensure the completeness and accuracy of the information contained in this publication.
The College reserves the right to make changes to any content, schedules or fees contained herein.

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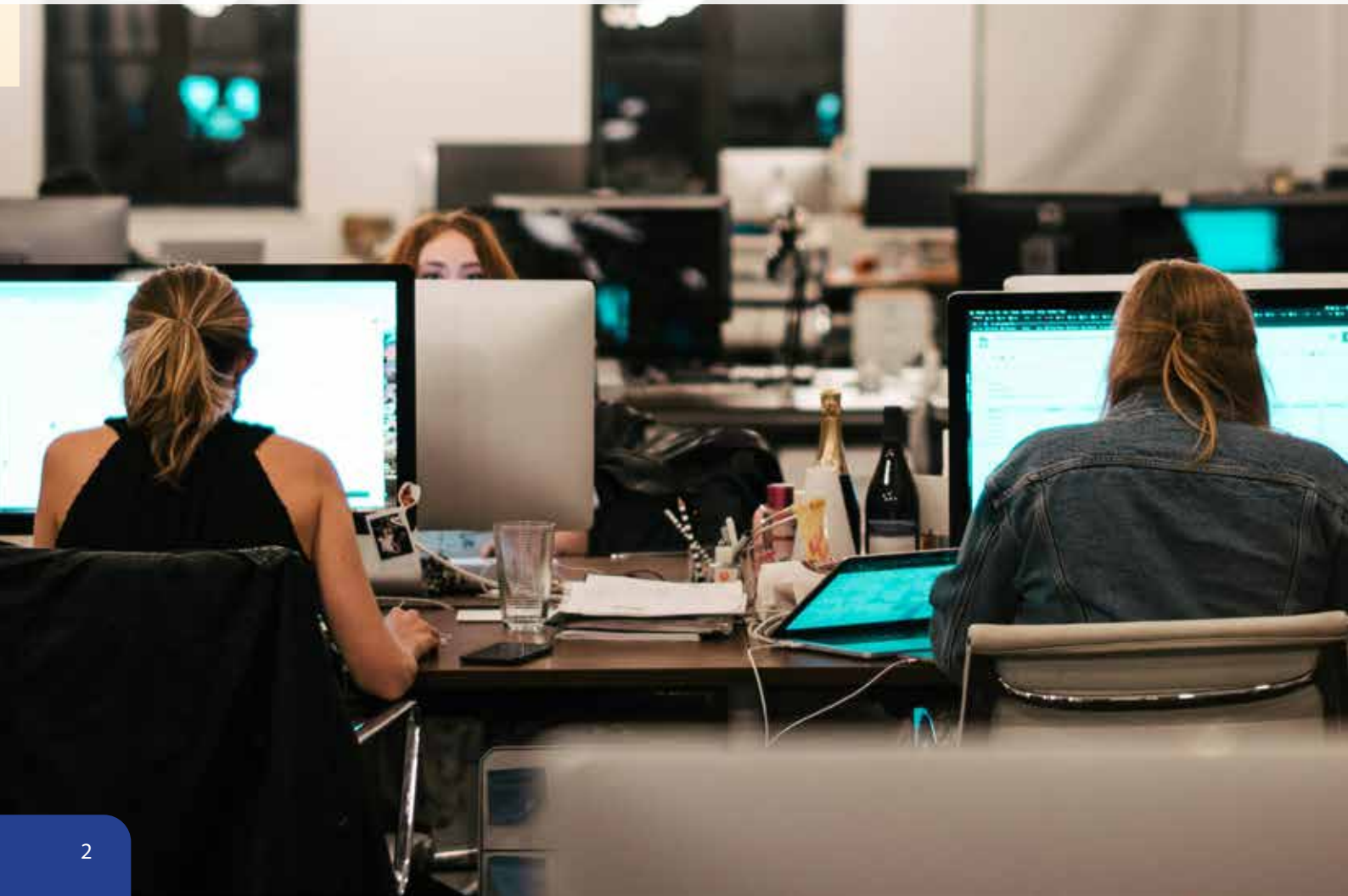
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PRESIDENT'S WELCOME

Congratulations!

If you are reading this message you have already taken the first step in developing the skills to fuel your career through education with National College of Ireland!

We are delighted to welcome those inspired to acquire cutting-edge knowledge, to accelerate your career path, whether this is your first time in higher education or a continuation of your life-long learning.

Study with National College of Ireland and you will be drawing on over 72 years of academic excellence that is industry aligned and focused on your learning needs.

You will have all the benefits of our brilliant academics and our support teams for learning, guidance, advice, and career development, all within a part-time learning experience.

Our excellent relationships with the many global companies in our IFSC neighbourhood, combined with your hard-earned qualification, will maximise your career progression.

I recommend that you take advantage of our Open Evenings (detailed on our website, ncirl.ie) to speak directly to our academic team to help you choose the right course for you. Our Admissions Team is also available for your queries at admissions@ncirl.ie

If you value being at the forefront of your chosen discipline, whether that is in Business, Computing, Education or Psychology, National College of Ireland is the place for you!

I look forward to welcoming you to our campus in the IFSC.

Professor Gina Quin
President, National College of Ireland

COURSE DELIVERY

for 2024/25

Most of our part-time programmes are delivered in a fully online or blended format. Blended means while the majority of your lectures will be delivered live online, there will also be some on-campus elements where you can meet your lecturer and classmates. These will vary between programmes, but will be scheduled and communicated with you in advance.

Given the amount of online content in these courses, it is a requirement that all students applying to NCI have access to a suitable laptop and broadband that will allow them to engage with online and other classes. A student laptop loan scheme is available for eligible students. See page 87.

If you're considering part-time study this mode of study will give you the flexibility to manage work commitments with your education goals. Speak to us to learn more by contacting our Admissions Team: admissions@ncirl.ie.

SCHOOL OF **BUSINESS**



POSTGRADUATE

Master of Business Administration (MBA)

MSc in Management

MSc in International Business

MSc in Entrepreneurship

MSc in Marketing

MSc in Finance

MSc in Accounting

MA in Human Resource Management

Postgraduate Diploma in Arts
in Human Resource Management

Microcredentials in Business

MASTER OF BUSINESS ADMINISTRATION (MBA)

FACTFILE



Part-time Schedule

Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

2 full calendar years: 5 semesters; 4 taught semesters and a dissertation to be submitted in the final year.

Delivery

Blended - Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Indicative Timetable

Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops (on campus).

Fees

€6,700 per annum (€13,400 total fee) (Fees revised annually)

Course Description

The MBA course will provide you with a strong theoretical foundation in the broader disciplines of management as well as focusing on the practical application of theory in real world settings and cases. You will be exposed to the latest thinking in the core disciplines of enterprise, leadership, organisational management, people management, strategy, decision-making, management of financial resources and economics. You will be able to choose from a wide range of electives specialising in areas such as marketing, law, project management and doing business on the cloud. There will also be the opportunity to participate in an exciting enterprise management simulation game.

The course is underpinned by a strong foundation in enterprise and leadership and emphasises the development of effective business and management skills to solve management problems through structured analysis, problem solving techniques, effective decision-making, and effective communications.

The knowledge and skills acquired through our MBA will allow you to progress your own management career as well as encourage you to consider creating a business of your own. It will allow you to develop a creative, innovative and entrepreneurial perspective.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues, as well as independent learning.

Who is the course for?

The MBA is aimed at candidates with at least three years of work experience, seeking to start or develop a career in management.

Award and Progression

The Master of Business Administration is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to doctoral study at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications and a minimum of three years' postgraduate work experience, ideally but not necessarily, in management.

The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.



COURSE CONTENT

In both year 1 and year 2 of the programme, students are required to undertake two core modules per semester plus one elective in semester 2. In addition, in year 2 of the programme, students are required to complete a ten-credit research methods module, which runs across semester 1 and 2.

Core Modules

- Entrepreneurial Dynamics
- Macroeconomics in a Global Context
- The Science of Decision Making
- Managing Financial Resources
- Strategic Management of Human Capital
- Effective Leadership in the Organisation
- Sustainable Business Leadership
- Enterprise Simulation Game
- Research Methods
- Dissertation

Elective Modules

- Corporate Governance, Business Ethics and CSR
- Business Intelligence
- Marketing in the Global Environment
- Commercial Law
- Employment Law
- Contemporary Issues in Global Finance
- Doing Business on the Cloud
- Strategic Project Management
- Management in Postmodern Markets
- International Field Trip*

Elective Choices

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes. The College reserves the right to re-order the schedule of modules offered.

* The international field trip incurs an additional fee and is subject to student numbers. Visa restrictions may apply.

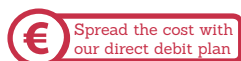
"It's an internationally recognised qualification and the standard of lecturers is world-class."

Student Profile

Adam Shah
MBA

MASTER OF SCIENCE IN MANAGEMENT

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 full calendar years: 5 semesters; 4 taught semesters and a dissertation to be submitted in the final year.

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops (on campus).

Fees

€4,150 per annum (€8,300 total fee) (Fees revised annually)

Full-time Schedule

Duration

September Starts
1 year taught plus a final dissertation: 2 semesters (Sep-Dec and Jan-May). Dissertation due in August.

January Starts

(where available and subject to numbers) 1 year taught plus a final dissertation: 2 semesters (Jan-May and Sep-Dec). Dissertation due in May the following year.

Delivery

On-campus face-to-face classes

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary.

EU Fee

€8,300 total fee (EU/Ireland applicants) (Fees revised annually)

Course Description

The MSc in Management has been developed to satisfy the demand for courses that combine a strong theoretical foundation with a firm focus on practical application. You will be exposed to the most current schools of thought in disciplines such as international business, finance, marketing, entrepreneurship and strategy.

The course also provides a series of elective modules for students to explore other areas of interest or to emphasise their development in a specific area of their choice. Development of effective managerial skills, which include analytical problem solving, decision-making, effective communication and leadership, is encouraged throughout the course.

Such skills provide strong tools which can be applied in real day-to-day management situations and serve graduates to aim at higher management positions within the organisation.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

The course is aimed at anyone following a career path which requires them to step into middle to top management positions. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in Management course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or noncognate area at level 8 on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.



COURSE CONTENT

In the part-time schedule in both year 1 and year 2 of the programme, students are required to undertake two core modules per semester plus one elective in semester 2. In addition, in year 2 of the programme students are required to complete a ten-credit research methods module which runs across semester 1 and 2. The final element of the programme requires learners to undertake a research dissertation.

Core Modules

- . Business Models, Strategy and Tactics
- . Financial Management
- . Marketing in the Global Environment
- . Leading, Managing and Planning in Organisations
- . Economics for Management
- . International Business
- . Research Methods
- . Dissertation

Elective Modules

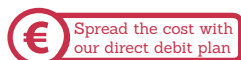
- . Commercial Law
- . Corporate Governance, Business Ethics and CSR
- . Contemporary Issues in Global Finance
- . Business Intelligence
- . Entrepreneurship
- . Strategic Management of Human Capital
- . Employment Law
- . Sustainable Business Leadership
- . Doing Business on the Cloud
- . Strategic Project Management
- . Management in Postmodern Markets

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes. The College reserves the right to re-order the schedule of modules offered. Note that all modules count towards the final award classification.



MASTER OF SCIENCE IN INTERNATIONAL BUSINESS

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 full calendar years: 5 semesters; 4 taught semesters and a final dissertation to be submitted in the final year.

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops (on campus).

Fees

€4,150 per annum (€8,300 total fee) (Fees revised annually)

Full-time Schedule

Duration

September Starts

1 year taught plus a final dissertation: 2 semesters (Sep-Dec and Jan-May), Dissertation due in August.

January Starts

(where available and subject to numbers) 1 year taught plus a final dissertation: 2 semesters (Jan-May and Sep-Dec) Dissertation due in May the following year.

Delivery

On-campus face-to-face classes

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary.

EU Fee

€8,300 total fee (EU/Ireland applicants)

Course Description

The MSc in International Business has been specifically designed for those wishing to gain deeper knowledge of the international business environment as both employees or as owner/managers of businesses operating internationally. The requirement for managers to think globally but act locally is vital for success. An understanding of the international environment in which many organisations are now situated cannot be over-emphasised.

Who is the course for?

The course is aimed at anyone following a career path that requires them to step into middle to top management positions in an internationally-focused business environment. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in International Business course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or noncognate area at level 8 on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.



COURSE CONTENT

In the part-time schedule in year 1 and year 2, semester 1 of the programme, students are required to undertake two core modules per semester. In year 2, semester 2, students take one core module and one elective. In addition, in year 2, semester 1 of the programme students are required to complete a ten-credit research methods module. The final element of the programme requires learners to undertake a research dissertation.

In the full-time schedule, students are required to undertake 4 core modules in semester 1, and 3 core modules plus an elective in semester 2. In addition, students are required to complete a ten-credit research methods module which runs across semester 1 and 2. The final element of the programme requires learners to undertake a research dissertation.

Core Modules

- Global Business
- Business Models, Strategy and Tactics
- Marketing in the Global Environment
- Leading, Managing and Planning in Organisations
- Corporate Governance, Business Ethics and CSR
- Economics for Management
- Contemporary Issues in Global Finance
- Research Methods
- Dissertation

Elective Modules

- Strategic Management of Human Capital
- Business Intelligence
- Sustainable Business Leadership
- Commercial Law
- Entrepreneurship
- Management in Postmodern Markets
- Doing Business on the Cloud
- Strategic Project Management

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes.

The College reserves the right to re-order the schedule of modules offered.

Note that all modules count towards the final award classification.

MASTER OF SCIENCE IN ENTREPRENEURSHIP

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 full calendar years: 5 semesters; 4 taught semesters and a dissertation to be submitted in the final year.

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops (on campus).

Fees

€4,150 per annum (€8,300 total fee) (Fees revised annually)

Full-time Schedule

Duration

September Starts
1 year taught plus a final dissertation: 2 semesters (Sep-Dec and Jan-May).
Dissertation due in August.

January Starts

(where available and subject to numbers) 1 year taught plus a final dissertation: 2 semesters (Jan-May and Sep-Dec).
Dissertation due in May the following year.

Delivery

On-campus face-to-face classes

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary.

EU Fee

€8,300 total fee (EU/Ireland applicants) (Fees revised annually)

Course Description

The MSc in Entrepreneurship will provide you with a critical insight into entrepreneurship through a deep exploration of the stages of creativity, innovation and enterprise. Moreover, the course will provide an important recognition of individuals who build and create a culture for enterprise but also make an impact in the world through the practice of entrepreneurship.

The course will allow you to develop an advanced understanding of the management function across a broad range of business disciplines including business and innovation management, strategy and leadership, global marketing, technology, finance and law, providing you with the ability to analyse and critically evaluate management theory and practice.



Who is the course for?

This course is aimed at individuals seeking to develop an entrepreneurial mindset with a view to starting their own business or nurturing this approach within an existing organisational structure. Additionally, the course can provide a transition stage for graduates from other disciplines who wish to move into the management arena either as practitioners, researchers or consultants.

Award and Progression

The MSc in Entrepreneurship course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or noncognate area at level 8 on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

In the full-time schedule, students are required to undertake 3 core modules plus one elective in semester 1, and 4 core modules plus one elective in semester 2. In addition, students are required to complete a ten-credit research methods module which runs across semester 1 and 2. The final element of the programme requires learners to undertake a research dissertation.

In the part-time schedule in year 1 of the programme, students are required to undertake four core modules plus one elective. In year 2, students take three core modules plus one elective. In addition, in year 2 semester 1 of the programme, students are required to complete a ten-credit research methods module. The final element of the programme requires learners to undertake a research dissertation.

Core Modules

- . Entrepreneurial Dynamics
- . Business Models, Strategy and Tactics
- . Marketing in the Global Environment
- . Commercial Law
- . Leading, Managing and Planning in Organisations
- . Business Intelligence
- . Enterprise Simulation Game
- . Research Methods
- . Dissertation

Elective Modules

- . Corporate Governance, Business Ethics and CSR
- . Contemporary Issues in Global Finance
- . Sustainable Business Leadership
- . International Business
- . Strategic Management of Human Capital
- . Employment Law
- . Management in Postmodern Markets
- . Doing Business on the Cloud
- . Strategic Project Management

Availability of elective choices is subject to student numbers. The course content as shown above is for indicative purposes.

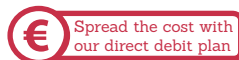
The College reserves the right to re-order the schedule of modules offered.

Note: that all modules count towards the final award classification.



MASTER OF SCIENCE IN MARKETING

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 full calendar years: 5 semesters; 4 taught semesters and a dissertation to be submitted in the final year.

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops (on campus)

Fees

€4,150 per annum (€8,300 total fee) (Fees revised annually)

Full-time Schedule

Duration

September Starts
1 year taught plus a final dissertation: 2 semesters (Sep-Dec and Jan-May). Dissertation due in August.

Delivery

On-campus face-to-face classes

Start Date

Sept 2024

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary.

EU Fee

€8,300 total fee (EU/Ireland applicants) (Fees revised annually)

Course Description

The MSc in Marketing has been specifically designed with the needs of current and future marketing professionals and managers in mind. The course will equip you with a comprehensive understanding of key foundations of the marketing discipline as well as providing you with a detailed understanding of the contemporary marketplace. You will learn how to apply the latest marketing theory and practice in a dynamic business environment, within increasingly complex digital, ethical and sustainability parameters.

The programme comprises a carefully selected range of both contemporary and fundamental marketing topics such as: integrated marketing communications, brand management, digital marketing practice and sustainability and thus caters for multinational organisations, indigenous SME initiatives and the not-for-profit sector, among others.



The programme offers students real insight and experience into how to plan and execute marketing campaigns and strategies through the use of case studies and projects, where possible in conjunction with industry, enabling our graduates to enter management roles, hitting the ground running.

'Block teaching' is used to provide more in-depth development of knowledge for each module. This means that the course is delivered one module at a time to allow full immersion in each subject. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

The course is aimed at those seeking to advance their studies and/or professional career in marketing and its related fields.

Award and Progression

The MSc in Marketing course is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a level 8 qualification in a cognate discipline (i.e. a business related honours degree) or equivalent on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning nongraduates with extensive professional experience and/or other prior qualifications may be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Full-time students will complete four core modules in Semester 1, followed by 5 core modules in Semester 2. In the part-time schedule in Year 1 students undertake four core modules - two per Semester. In Year 2 there are two modules in Semester 1, three in Semester 2.

Both cohorts are required to complete a ten-credit research methods module which runs across Semester 1 and 2 (this occurs in Year 2 for the part-time cohort).

Core Modules

- Marketing in the 21st Century
- The Contemporary Consumer
- Integrated Marketing Communications
- Sustainability, Strategy and Society
- Brand Management
- Digital Marketing Practice
- Innovation, Creativity and Entrepreneurship
- Marketing Metrics and Accountability
- Critical Marketing Studies
- Research Methods
- Dissertation

Note that all modules count towards the final award classification.

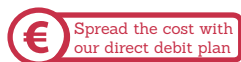
"I had a degree in business but I wanted to specialise in marketing so the course was really useful to me."

Student Profile

Aine Nolan
MSc in Marketing

MASTER OF SCIENCE IN FINANCE

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

(where available and subject to numbers) 2 years taught - 2 semesters each (Sep-Dec and Jan-May). 3 additional modules (June-Aug) or a final dissertation (due in August).

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Tuesday and Thursday evenings 18.00 - 22.00 and some Saturdays (on campus).

Fees

€4,700 per annum
(€9,400 total fee)
(Fees revised annually)

Full-time Schedule

Duration

September Starts

1 year taught: 2 semesters (Sep-Dec and Jan-May). 3 additional modules (June-Aug) or a dissertation (due in August).

January Starts

(where available and subject to numbers) 1 and a half years taught: 2 semesters (Jan-May and Sep-Dec), with a break during the summer (June-Aug). 3 additional modules (Jan-May) or a dissertation (due in May).

Delivery

On-campus face-to-face classes

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary.

EU Fee

€9,400 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

The MSc in Finance has been designed in consultation with industry to provide candidates with the advanced analytical, statistical and financial skills for decision-making within the modern and dynamic financial services sector. Graduates will be accomplished in the application of advanced quantitative tools and financial models and techniques within a range of business and financial settings. In particular, the course will provide graduates with the techniques and applied knowledge necessary to select, analyse and utilise advanced financial concepts within the setting of investment management and capital markets. The learning environment for the course is practical and applied in nature and on completion graduates will be able to think independently, make informed and effective decisions and proactively troubleshoot financial and technical business problems. Graduates from the MSc in Finance will be able to apply advanced research skills and critically evaluate seminal, as well as contemporary literature, paradigms and concepts which underpin the operation of international capital markets and the investment management process.



Who is the course for?

The course is for those wishing to embark on a career in the financial services sector or individuals in all areas of finance who wish to progress their career.

Award and Progression

The Master of Science in Finance is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFAQ.

Entry Requirements

Applicants will normally hold a level 8 honours degree (min 2.2) in finance or a cognate field of study.

Applications may also be considered under the College's Recognition of Prior Experiential Learning (RPEL) policy, and this is likely to be particularly germane to the part-time provision of the course. RPEL will be assessed on the learner's work experience and Continuing Professional Development (CPD).

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- Financial Statement Analysis
- Quantitative Methods in Finance
- Asset Valuation
- Capstone Seminar Series
- Corporate Finance
- Fundamentals of Financial Econometrics
- Applied Security Analysis
- Derivatives and Risk Management
- Portfolio Management

AND

- Ethics and Governance
- Financial Regulation
- Financial and Quantitative Modelling

OR

- Dissertation

Note that all modules count towards the final award classification.

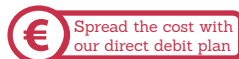
“Very knowledgeable, professional teaching staff. NCI offers a convenient location with a relaxed environment.”

Student Profile

Darren Freemantle
Finance Graduate

MASTER OF SCIENCE IN ACCOUNTING

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024 and Jan 2025

Full-time Schedule

Duration

September Starts

1 year taught - 2 semesters (Sep-Jan and Jan-May) 3 additional modules (June-Aug) or a dissertation (due in August).

January Starts

(where available and subject to numbers) 1 year taught plus a final dissertation: 2 semesters (Jan-May and Sep-Jan) 3 additional modules (Jan-May) or a final dissertation due in May the following year.

Delivery

On-campus face-to-face classes

Indicative Timetable

Students need to be available 09.00-17.00 Mon – Fri. Full-time students may also be required to attend classes after 5pm. Class days and times vary and all modules will be delivered on-campus.

EU Fee

€9,400 total fee (EU/Ireland applicants) (Fees revised annually)



Course Description

The MSc in accounting has been designed in consultation with industry to provide candidates with a robust theoretical understanding of, and key skills in, accounting. The programme aims to provide candidates who are interested in accounting but whose undergraduate degree is not accounting-related, to pursue a conversion programme which will allow you to gain professional accountancy body exemptions. In this way, the programme will fast track successful graduates to becoming a professional accountant.

Candidates will develop a critical and analytical approach to problem-solving and decision-making in an accounting context and develop the ability to interpret, analyse and communicate financial and other information. The learning environment for the course is practical and applied in nature and on completion graduates will be able to think independently, make informed and effective decisions and critically engage with accounting practices and contemporary accounting issues. Candidates will also gain a broader business viewpoint and develop insights into effective leadership practices, corporate governance and ethics issues, in addition to insight into business intelligence to deepen their understanding of data and data governance, gaining the capacity to use quantitative methods and analytics to make more data-informed decisions.

Professional Recognition

Successful graduates may claim the following professional exemptions:

- Association of Chartered Certified Accountants (ACCA): Various papers at the Applied Knowledge and Applied Skills levels (9 papers in total).
- Chartered Accountants Ireland (CAI): Full CAP 1 exemptions.
- Certified Public Accountants (CPA Ireland); Foundational Level (Financial Accounting, Management Accounting and Taxation), Professional Level (Financial Reporting, Advanced Taxation, Corporate Law, Audit & Assurance and Managerial Finance).

Exemption criteria are subject to change, students and graduates should check with the relevant professional bodies for the up-to-date criteria.

Who is the course for?

The course is for those wishing to embark on a career in accountancy.

Award and Progression

The Master of Science in Accounting is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

Entry Requirements

Applicants are required to hold a minimum of a level 8 qualification (minimum 2:2 Honours) or equivalent on the National Qualifications Framework in a non-accounting discipline. Cognate degree holders will also be considered (those presenting with a minimum 2:2 Honours level 8 award).

Applications may also be considered under the College's Recognition of Prior Experiential Learning (RPEL) policy, and this is likely to be particularly germane to the part-time provision of the course. RPEL will be assessed on the learner's work experience and Continuing Professional Development (CPD).

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

The MSc in Accounting provides students with critical competencies required by a professional accountant in today's ever-evolving dynamic environment.

Students are required to undertake 6 core modules (5 credit modules) in Semester 1 and Semester 2. The uniqueness of this programme is that students have a choice of deciding between Pathway A (30 credits research methods and final dissertation) or Pathway B (3 x 10 credit modules).

One of the principal objectives of the programme is that graduates will, on successful completion of the programme, have entitlement exemptions from professional bodies such as ACCA, Chartered Accountants Ireland, CIMA and CPA.

Core Modules (5 Credits each)

Semester 1 (Sep – Jan)

- Financial Accounting
- Taxation
- Audit and Assurance
- Company Law
- Financial Management
- Management Accounting

Semester 2 (Jan – May)

- Financial Reporting
- Advanced Taxation
- Advanced Financial Management
- Performance Management
- Corporate Governance and Ethics
- Business Intelligence

AND a choice of Pathway A or Pathway B

Elective Pathway A

- Research Methods (10 Credits – over Semester 1 and 2)
- Dissertation (20 Credits – Semester 3)

OR

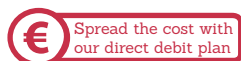
Elective Pathway B

- Critical Perspectives in Accounting (10 Credits – over Semester 1 and 2)
- Effective Leadership in the Organisation (10 Credits – Semester 3)
- Accounting in Practice (10 Credits – Semester 3)

Note that all modules count towards the final award classification.

MASTER OF ARTS IN HUMAN RESOURCE MANAGEMENT CIPD

FACTFILE



Spread the cost with
our direct debit plan.

Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years: 5 semesters; 3 semesters in year 1 and 2 semesters in year 2.

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Tuesday and Thursday evenings 18.00 - 21.00 and some Saturdays (on campus).

Fees

Year 1: €7,600
Year 2: €1,950
(€9,550 total fee)
(Fees revised annually)

Full-time Schedule

Duration

September Starts

1 year taught plus a final dissertation: 2 semesters (Sep-Dec and Jan-May). Dissertation due in August.

January Starts

1 year taught plus a final dissertation: 2 semesters (Jan-May and Sep-Dec) Dissertation due in May the following year.

Delivery

On-campus face-to-face classes

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-21.00 Monday – Friday. Class days and times vary.

EU Fee

€8,300 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

This intensive course has been developed in consultation with the Chartered Institute of Personnel and Development (CIPD).

The programme aims to develop an in-depth understanding of the core disciplines in the area of human resources (HR). It recognises that HR must operate in challenging and dynamic business environments that are constantly changing, and seeks to enable students to deliver effective business solutions that optimise the people resources of their organisation.

Combined with a practitioner-recognised qualification in the area of HRM, namely CIPD, this course is geared towards people wishing to continue or progress in their professional development in HR or wider roles in the organisation.

'Block teaching' is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.

Who is the course for?

This course is aimed primarily at individuals seeking an academic qualification at postgraduate level while also wishing to advance their career to assume positions at senior management level with a specific focus on human resource management.

Award and Progression

The Master of Arts in Human Resource Management is awarded by QQI at level 9 on the National Framework of Qualifications. Graduates with relevant work experience will be eligible to apply for Chartered Membership of the Chartered Institute of Personnel and Development (CIPD) after successful completion of the first 3 semesters. A membership fee will be payable directly to CIPD. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ. Students who successfully complete the first 3 semesters of the course may choose to exit the course at that time with the award of Postgraduate Diploma in Arts in HRM.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Core Modules

- Leading and Managing
- Human Resource Management in a Strategic Business Context
- People Resourcing
- Employment Law
- Employee Relations
- Managing and Developing Talent
- Research Methods
- Dissertation

Elective Modules

- Organisational Design and Development (10 credits)
- Mediation and Conflict Management (10 credits)
- Strategic Reward Management (10 credits)
- International HRM (5 credits)
- HR Analytics (5 credits)
- The Science of Decision Making (5 credits)

Learners are required to choose one 10-credit and one 5-credit elective from the suite of electives offered above.

The course content as shown above is for indicative purposes. The College reserves the right to re-order the schedule of modules offered.

Note: all modules count towards the final award classification. Elective modules are subject to availability and a minimum number of students required to run a module.

Part-time additional information

Year 1

Semesters 1, 2 and 3. Tuesday and Thursday 18.00 - 21.00 plus some Saturday workshops.

Year 2

Semester 1

3 full Saturdays or 6 Thursday evening sessions.

Semester 2

Workshops based around research topics.

Each student is allocated an individual supervisor during the second year of study. It should be noted that the final semester of the course requires a high level of independent learning in order to complete the dissertation.

Additional Information

The Master of Arts in HRM comprises 5 semesters of study:

Year 1

- . Semester 1 (Sept to the end of Dec)
- . Semester 2 (Jan to early May)
- . Semester 3 (May to August)

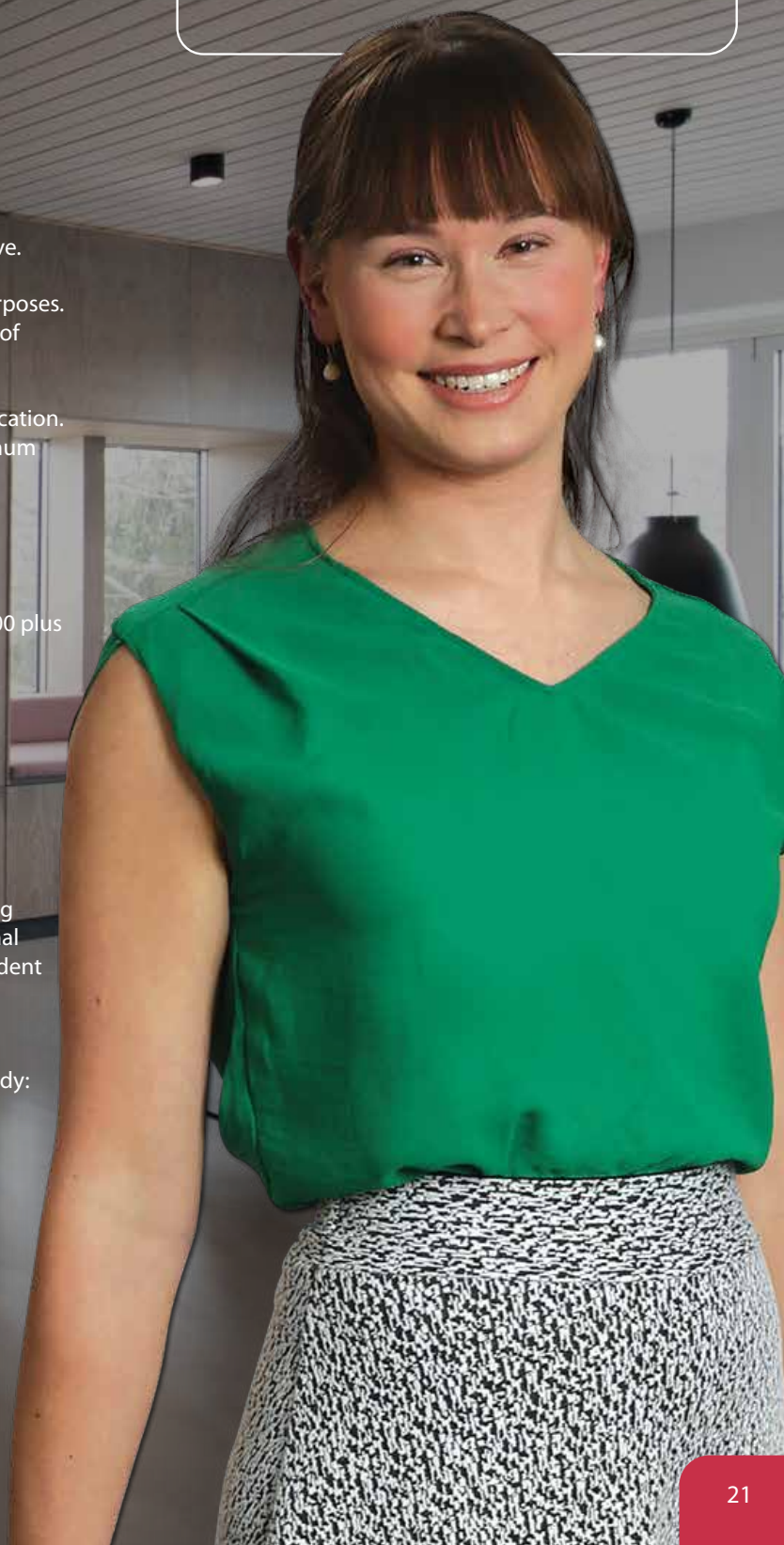
Year 2

- . Semester 4 (Sept to Jan)
- . Semester 5 Dissertation due in August

“Studying at NCI can help you get not just any job but the right job.”

Student Profile

Jennifer Kwan
Human Resources Graduate



POSTGRADUATE DIPLOMA IN ARTS IN HUMAN RESOURCE MANAGEMENT CIPD

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

1 calendar year; 39 weeks, 3
taught semesters September to
end of July.

Delivery

Blended – Livestream (online)
classes with some campus classes
and some in-person exams,
scheduled in advance.

Indicative Timetable

Tuesday and Thursday 18.00 - 21.00
plus some Saturday workshops.

Fees

Total fee: €7,600
(Fees revised annually)

This course uniquely allows students to study over three consecutive semesters within one calendar year to receive the award of Postgraduate Diploma in Arts in Human Resource Management. Graduates who successfully complete the course may be eligible to apply for Chartered Membership of the Chartered Institute of Personnel and Development (CIPD).

Course Description

This intensive course has been developed in consultation with the Chartered Institute of Personnel and Development (CIPD). The programme aims to develop an in-depth understanding of the core disciplines in the area of human resources (HR). It recognises that HR must operate in challenging and dynamic business environments that are constantly changing and seeks to enable students to deliver effective business solutions that optimise the people resources of their organisation.

Combined with a practitioner-recognised qualification in the area of HRM, namely CIPD, this course is geared towards people wishing to continue or progress in their professional development in HR or wider roles in the organisation.

Block teaching is used to provide the opportunity for more in-depth development of knowledge within modules. An applied approach to teaching is used within the programme with lectures interspersed with exercises, use of case study analysis, group activities in class, debate on contemporary issues as well as independent learning.



Who is the course for?

This course is aimed primarily at individuals seeking an academic qualification at postgraduate level while also wishing to advance their career to assume positions at a senior management level with a specific focus on human resource management.

Award and Progression

The Postgraduate Diploma in Arts in Human Resource Management is awarded by QQI at level 9 on the National Framework of Qualifications. Graduates with relevant work experience will be eligible to apply for Chartered Membership of the Chartered Institute of Personnel and Development (CIPD) for which a membership fee will be payable directly to CIPD. Students who successfully complete the Postgraduate Diploma in Arts in HRM have the option of continuing their studies to receive the award of Master of Arts in HRM.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Additional Information

The Postgraduate Diploma in Arts in HRM comprises 3 semesters of study:

- Semester 1 (Sept to the end of Dec)
- Semester 2 (Jan to early May)
- Semester 3 (May to August)



COURSE CONTENT

Core Modules

- Leading and Managing
- Human Resource Management in a Strategic Business Context
- People Resourcing
- Employment Law
- Employee Relations
- Managing and Developing Talent

Elective Modules

- Strategic Reward Management (10 credits)
- Organisational Design and Development (10 credits)
- Mediation and Conflict Management (10 credits)
- International HRM (5 credits)
- HR Analytics (5 credits)
- The Science of Decision Making (5 credits)

Learners are required to choose one 10-credit and one 5-credit elective from the suite of electives offered above.

Those students who transfer onto the MA in HRM course will be required to complete an additional semester consisting of a research methods module and a minor dissertation. This award will allow transfer to level 9 research degrees and in some cases progression to taught doctoral courses at level 10 on the NFQ.

The course content as shown here is for indicative purposes. The College reserves the right to re-order the schedule of modules offered.

Note that all modules count towards the final award classification.

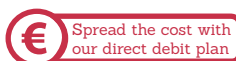
Elective modules are subject to availability and a minimum number of students required to run a module.

MICROCREDENTIALS IN BUSINESS



These short, online courses give you an in-depth understanding of a key area of business in a very focused way. These accredited, postgraduate programmes are all delivered online by experienced faculty. Programmes are assessed using innovative continuous assessment elements and final exams. As these courses are drawn from our MBA and business masters' programmes, should you later decide to progress to a full master's award, you will get credit for this module. If you need to get quickly up to speed in these emerging areas of business, these programmes are for you.

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Throughout the year, see www.ncirl.ie for more information

Duration

30 hours contact time: 6 hours per week over 5 weeks

Delivery

Blended delivery: online delivery with one in-person half day introductory session

Fees

€950 (Fees revised annually)

Award

These certificates are awarded by QQI at level 9 (5 ECTS) on the National Framework of Qualifications.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree in either a cognate or non-cognate area at level 8 on the National Framework of Qualifications. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning non-graduates with extensive professional experience and other prior qualifications may also be considered for the course.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

CERTIFICATE IN SCIENCE OF DECISION MAKING

Topics covered:

- The psychology of a decision
- Modes of decision making under risk
- Heuristics and cognitive biases
- Group decision making
- How to improve decision making

COURSE DESCRIPTION

This programme introduces the student to the science of decision making and is designed to help students become more effective decision makers. The programme draws on the latest research in the field of decision making and draws on work in areas such as psychology, economics, marketing, and HR. Students will learn to understand and use their two modes of thought, 'system 1' which allows us to make fast intuitive decisions and 'system 2' which is slower and more analytical.

CERTIFICATE IN SUSTAINABLE BUSINESS LEADERSHIP

Topics covered:

- Perspectives on sustainability
- Leadership, change management and corporate governance in sustainability
- Sustainability – Accountability, risk and legal framework
- The implementation of sustainability

COURSE DESCRIPTION

This course gives a deep understanding of how to address sustainability in any organisation, examining the process by which firms integrate environmental concerns into their decision making. The course gives detailed insight into sustainability and the different perspectives on the concept. Students will study the global trends driving sustainability and be able to apply sustainable leadership principles. In undertaking this programme, you will be guided to construct an actionable sustainability plan for an organisation.

CERTIFICATE IN BUSINESS INTELLIGENCE

Topics covered:

- Big data – What it is, the challenges and opportunities
- Framing the business problem
- Data governance
- Data analytics
- Making decisions with data
- Ethical and organisational issues

COURSE DESCRIPTION

All organisations have access to a wide variety and depth of data. This short programme will guide students to shape and use this data to make more informed management decisions. Students will learn to understand data and data governance, gaining the capacity to use quantitative methods and analytics to make more data-informed decisions. The course is ideal for managers interested in the basics of data analytics, how to work with data analytics specialists and how to frame business problems in such a way to arrive at informed decisions efficiently.





SCHOOL OF **BUSINESS**



UNDERGRADUATE

BA (Hons) in Psychology

BA (Hons) in Business Management

BA (Hons) in Human Resource Management Strategy
and Practice

(CIPD) Diploma in Professional Human Resource Practice

(CIPD) Certificate in Professional Human Resource Practice

Certificate in Professional Employment Law and Practice

(CIPD) Diploma in Professional Learning
& Organisational Development

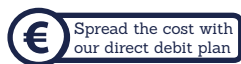
(CIPD) Certificate in Professional Learning
& Organisational Development

Certificate in Business Analysis

Leaders for Change Certificate in Non-Profit Leadership
and Management

BACHELOR OF ARTS (HONS) IN PSYCHOLOGY

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

4 years. The first 3 years comprise 2 semesters of 13 weeks each per year. The final year comprises 3 semesters: 2 semesters of 13 weeks, and then a third semester running over the summer months. There are no classes in the 3rd (summer) semester of

year 4 – this semester is used for students to complete write up of their final year research project.

Delivery

Blended - Livestream with some campus and/or campus stream classes, scheduled in advance. See page 4 for more information

Indicative Timetable

Two evenings per week and some Saturday workshops in year 4.

Fees

€4,200 per annum
(Fees revised annually)

Course Description

Psychology is the fascinating study of the human mind and seeks to understand how we think, act and feel. In this degree you will look at compelling questions such as: What shapes our personality? How do children develop and learn? What influences our well-being? Why do we sometimes forget things? What gives some teams an edge over others?

The psychology degree at NCI will set you on an amazing journey of discovery. It will also equip you for a range of careers. Your degree could see you eventually working in clinical and psychological settings, business areas such as marketing, management and human resources, sports, education, and social work, among others. It is a degree that gives you a variety of career choices and the option of further postgraduate study.

Working with our dedicated and experienced psychology faculty, you will gain a solid grounding in the core areas of psychology, including cognitive psychology, personality and individual differences, lifespan development, social psychology, research methods and biological psychology, as well as specialised topics such as workplace psychology, criminal psychology and cyberpsychology.

You will cover major theoretical perspectives, including those of Freud, Jung and Pavlov, and will be encouraged to apply these theories to the world around you through an interesting range of projects and assignments. In studying the science of Psychology, you will learn how to apply the scientific method to questions relating to the human condition.

This degree will give you an excellent, broad knowledge in psychology, and the ability to later specialise in the areas you most enjoy.

As a graduate of this course you will:

- Understand the principles of psychology and gain a broad understanding of human behaviour
- Learn how to critically analyse psychology problems and how to conduct scientific research
- Apply your knowledge of psychology to the workplace, the community and society

NCI's psychology course has been accredited by the Psychological Society of Ireland (PSI). This approval enables graduates to apply for professional postgraduate courses in such specialisms as clinical, educational, occupational and counselling psychology. If you have an interest in human behaviour and wish to graduate with a degree that opens up whole range of career options then this course will be tremendously rewarding and valuable.

Who is the course for?

- This course will appeal to students who
- are interested in studying human thoughts, feelings and behaviours by applying the scientific method, including experimentation, hypothesis testing and statistical analysis
 - want a PSI-accredited degree

Award and Progression

On completion you will receive a QQI BA (Honours) in Psychology at level 8 on the National Framework of Qualifications, accredited by PSI. Upon successful completion of the BA (Hons) in Psychology, graduates who have acquired the appropriate entry requirements can apply to progress to postgraduate programmes at level 9 on the National Framework of Qualifications such as the MA in HRM or MSc programmes at National College of Ireland, as well as clinical, educational, occupational and counselling psychology at other venues.

Entry Requirements

Typically, applicants will have completed a full level 5 award, with applicants considered based on relevant work and other experience. Applicants under 21 will be assessed based on Leaving Certificate or equivalent. In some instances an interview may be required.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Employment

The degree is recognised by the Psychological Society of Ireland. And, therefore, allows graduates to apply for further graduate training within psychology in areas including:

- Organisational Psychology
- Educational Psychology
- Forensic Psychology
- Clinical Psychology
- Counselling Psychology



Completion of the degree will also facilitate graduates in entering many other professions including human resources, recruitment, management, consultancy and marketing.

COURSE CONTENT This programme is delivered in three stages over four years.

Year 1

- Introduction to Psychology
- Core Research Skills for Psychologists
- Social Psychology 1 and 2
- Introduction to Developmental Psychology
- Coaching Psychology

Year 2

- Cognitive Psychology
- Introduction to Statistics
- Learning and Behaviour
- Psychopathology
- Personality and Intelligence

Year 3

- Applied Statistics
- Biological Psychology
- Applied Research Methods
- Psychology Labs
- Advanced Cognitive Psychology and Neuroscience

Students also complete 2 elective modules in Year 3, from the following:

- Behavioural Science: Problem-Based Learning
- Psychology of Gender
- Critical Thinking
- Multicultural Psychology

Year 4

- Health Psychology
- Advanced Biological Psychology
- Behavioural Psychology
- Applied Developmental Psychology
- Final Project

Students also complete 4 elective modules in Year 4.

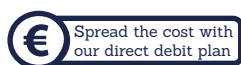
Elective modules include:

- Positive Psychology
- Criminal Psychology
- Child and Adolescent Mental Health
- Psychology of Ageing
- Cyberpsychology
- Psychotraumatology
- Workplace Psychology
- Educational Psychology

BACHELOR OF ARTS (HONS) IN BUSINESS MANAGEMENT

Complete your degree in 2 years

FACTFILE



Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Duration

Three stages over 2 years.

Delivery

Blended (Online with
some face-to-face classes).

Indicative Timetable

Two evenings per week plus
some Saturdays 09.00 -17.00.

Fees

€4,100 per stage
(€12,300 total fee)
Full degree encompasses
three stages
(Fees revised annually)

Course Description

This honours degree programme will give you the knowledge and skills required for all areas of business management. You will cover all the latest thinking and how it contributes to organisational success. You will gain an in-depth knowledge of a wide range of management and general business issues, theory, practice, and development. You will also learn to appreciate wider factors impacting business decision making such as the organisation culture, entrepreneurship and the external economic environment.

Students come from a variety of organisations and the course helps you understand the implications of different business contexts and varied stakeholders on the management of business.

The course will progress you through an in-depth knowledge of business management from its basic operational foundations to the more strategic level, and inform you of emerging new issues in this sphere. Our experienced faculty and the block delivery nature of the programme enables the course to offer you an interesting range of business assignments that will see you critically assessing approaches taken in work examples and case studies. This emphasis on practical assignments together with expert industry guest lecturers and a range of online materials will make for a fulfilling learning experience.

How is the course delivered?

This course is designed to radically change the experience of part-time study, with the learner no longer bound to traditional academic semesters that are more suited to full-time students. The course is delivered over three stages with each stage consisting of a block of 11 to 13 weeks with a short break built in after completion of each block and over the summer period. Submission deadlines and exams may fall within the break period.

This course is supported with online materials that supplement classroom-based lectures. This gives students the opportunity to meet-up in the college and speak directly with lecturers.

Typically, the schedule would be:

Stage 1

Block One

September to mid-December 2024
Break

Block Two

Mid-January to mid-late April 2025
Break

Stage 2

Block Three

Mid-May to end of July 2025/beginning of August
Break

Block Four

Mid-September to mid-December 2025
Break

Stage 3

Block Five

Mid-January to end-April 2026
Break

Block Six

May to August 2026

Who is the course for?

This part-time course is aimed at people working in business and management areas or intending to move into them.

Entry Requirements

The course is designed to appeal to those at work or seeking to re-enter the workforce. There are no specific academic requirements with applicants considered based on work and other experience. Applicants under 21 will be assessed based on Leaving Certificate or equivalent.

Note that applicants with a Certificate in First Line Management or a Certificate in Retail Management will get exemptions from some modules in stage 1. Applicants who have previously completed a Higher Certificate in Business may in some circumstances be eligible to enter the programme at Stage 2.

Any applicant with substantial experience may be eligible for module exemptions, you can apply by showing evidence of prior learning based on your employment experience.

Award and Progression

This programme is designed to offer learners the maximum of flexibility with different entry and exit points and awards. This allows learners to stage their studies as suits them best. The full Bachelor of Arts Honours in Business Management is awarded by QQI at level 8 on the National Framework of Qualifications. This award will allow progression to level 9 courses on the NFQ such as NCI's MA in Human Resource Management.

However, students may exit after completing stage 1 (60 credits) and receive a Certificate in Business Management at level 6, or after completing stage 2 (120 credits) and receive a Diploma in Business Management at level 7 awarded by QQI on the NFQ. If you exit with a minor award you can still return later to finish the whole degree – you set the pace.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Stage 1

Block 1

- Business Management Practice
- Leadership and Influencing
- Working with People

Block 2

- Aspects of Business Law
- Financial Accounting
- Economics of the World
- Business Communication

Stage 2

Block 1

- HRM in the Business Framework
- Business Economics
- Marketing
- Introduction to Business Statistics and Analytics

Block 2

- Business Statistics and Analytics for Decision Making
- Essentials of Employment Law
- Management Accounting
- Technology for Business

Stage 3

Block 1

- Entrepreneurship
- Strategic Management
- Economic and Social Policy

Block 2

- Change Management
- Project Management
- Sustainability and Business Ethics

This course is delivered with online lectures and online learning materials and, subject to guidelines, supported by classroom-based learning events. This gives students the opportunity to meet up in the college and speak directly with lecturers and fellow learners



BACHELOR OF ARTS (HONS) IN HUMAN RESOURCE MANAGEMENT STRATEGY AND PRACTICE

Complete your degree in 2 years

CIPD

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

Three stages over 2 years

Delivery

Blended (Live online evening classes with some face-to-face on campus classes). Evening weekdays are online and Saturdays on campus.

Indicative Timetable

Two evenings per week 18.00-22.00 plus some Saturdays 09.00-18.00. Approximately 1 Saturday per month.

Fees

€4,100 per stage (€12,300 total fee)
Full degree encompasses 3 stages
(Fees revised annually)

Course Description

The BA (Hons) in Human Resource Management Strategy and Practice provides learners with an in-depth knowledge of Human Resource Management (HRM), its core theories and application within the organisation. The programme provides you with a comprehensive understanding of the key skills required of the human resource professional.

Core business modules including Business Law, Finance & Accounting for HR Professionals, Management Theory and Practice are covered as well as modules which are essential for HR practitioners e.g.: Resourcing and Talent Planning, Employment Law, Employee Relations, Learning and Development, Diversity & Inclusion and Change & Organisational Development. The programme also covers modules which explore new and evolving HR practices such as HR Analytics, Strategic HRM, and Contemporary Issues in HRM.

Our experienced faculty and the block delivery nature of the programme enables the course to offer you an interesting range of HRM and business assignments that will see you undertake a variety of activities from critically assessing approaches to HRM taken in real organisations to conducting recruitment and selection activities. This emphasis on practical and academic skills development together with industry experienced expert lecturers will make for a fulfilling learning experience.

Upon successful completion of the degree, you will become CIPD qualified and achieve Professional Membership of CIPD at the Associate Member level. CIPD qualifications and membership are often required by employers seeking to hire Human Resources / Learning & Development professionals.



How is the course delivered?

The course is delivered over three stages with each stage consisting of two intensive blocks with a short break built-in after completion of each block and over the summer period.

Submission deadlines and exams may fall within the break period.

This course is supported with online materials that supplement classroom-based lectures.

Typically, the schedule would be:

Stage 1

Block One

September to mid-December 2024
Break

Block Two

Mid-January to mid-late April 2025
Break

Stage 2

Block Three

Mid-May to mid-August 2025
Break

Block Four

Mid-September to mid-December 2025
Break

Stage 3

Block Five

Mid-January to mid-April 2026
Break

Block Six

May to August 2026

Who is the course for?

The programme is designed to suit the needs of part-time students requiring a professional CIPD recognised qualification and is aimed at people already working in HRM or intending to move into the area.

Award and Progression

The Bachelor of Arts (Honours) in Human Resource Management Strategy and Practice is awarded by QQI at level 8 on the National Framework of Qualifications. This award will allow progression to level 9 courses on the NFQ such as NCI's MA in Human Resource Management.

Note that students may exit after completing stage 1 (60 credits) and receive a Diploma in HRM Strategy and Practice awarded by QQI at level 7 on the NFQ. Students who leave after successful completion of Stage 1 are eligible for Associate membership of CIPD.

Entry Requirements

The course is designed to appeal to those at work or seeking to re-enter the workforce. There are no specific academic requirements with applicants considered based on work and other experience. Applicants under 21 will be assessed based on Leaving Certificate or equivalent.

Note that applicants with a CIPD Diploma in Professional Human Resource Practice (HRM) from NCI may apply to enter directly at stage 2 of this degree programme.

Any applicant with substantial experience may be eligible for module exemptions from Stage 2 only. You can apply by showing evidence of prior learning based on your employment/relevant academic experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Stage 1

- Academic Writing
- HR Professional Practice
- Resourcing and Talent Planning
- Employment Law
- HRM in the Corporate Framework
- Reward Management
- Introduction to Employee Relations

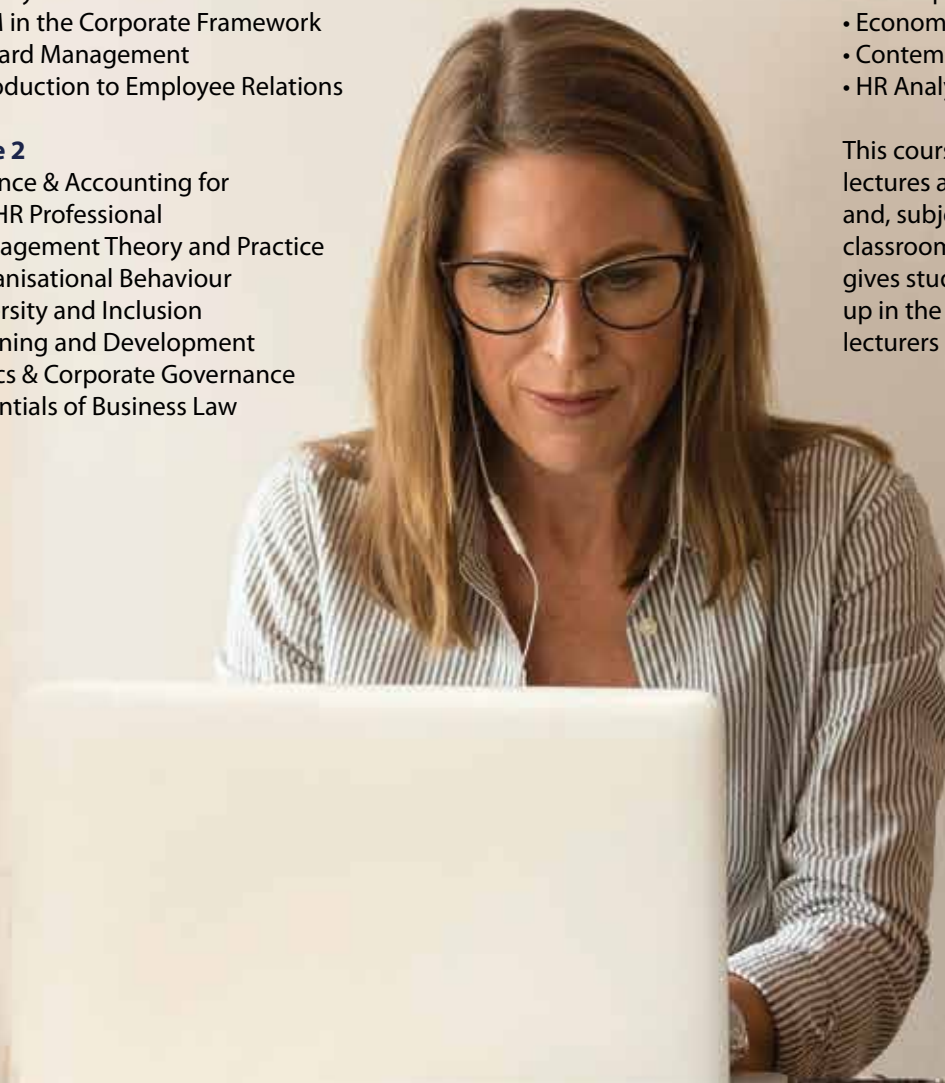
Stage 2

- Finance & Accounting for the HR Professional
- Management Theory and Practice
- Organisational Behaviour
- Diversity and Inclusion
- Learning and Development
- Ethics & Corporate Governance
- Essentials of Business Law

Stage 3

- Strategic HRM
- Contemporary Issues in HRM
- Change and Organisational Development
- Economic and Social Policy
- Contemporary Issues in IR
- HR Analytics

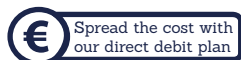
This course is delivered with live online lectures and online learning materials and, subject to guidelines, supported by classroom-based learning events. This gives students the opportunity to meet up in the college and speak directly with lecturers and fellow learners.



(CIPD) DIPLOMA IN PROFESSIONAL HUMAN RESOURCE PRACTICE

CIPD

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024
and Jan 2025
(Other start dates may also
be offered)

Indicative Timetable

2 evenings a week 18.30-22.00
plus occasional Saturdays.
3 on-campus Saturdays during
the course 09.30-17.30.

Duration

1 academic year

Delivery

Blended (live online with some
face-to-face classes). Evening
weekdays online and some
Saturdays on campus.

Fees

€3,670 total fee
(Fees revised annually)

Course Description

NCI is the country's largest provider of CIPD graduates in Human Resources.

This course takes place over one academic year and is delivered by lecturers with extensive, practical experience in human resources, people and culture. The diploma covers Applied Employment Law, Reward and Performance, Employment Relations, Talent Acquisition plus Organisational Performance & Culture. The programme has been completely revised, placed on the National Framework of Qualifications at Level 7 and is in line with the CIPD Profession Map allowing automatic eligibility for Membership of CIPD at Associate Level.

An innovative assessment structure is in place on the course which promotes both the understanding of academic principles and the application of skill. Some innovative assessment methods make the course very realistic, such as the investigation into suspected employee theft or the conducting of a selection interview. Assessment is by means of skills assessments, written projects and team presentations.

In addition, upon successful completion of the diploma, there is an exemption from the first stage of NCI's part-time BA (Honours) in Human Resource Management Strategy and Practice, meaning you have a direct progression path to the later stages of our HR degree.

Who is the course for?

This part-time HR course is ideal for those working in HR, wishing to develop a HR career or managers wanting a better knowledge of people management. The wide range of participants will be a vital part of your learning experience. The course is ideal for those who want to gain Professional Membership of CIPD. CIPD qualifications and membership are often required by employers seeking to hire HR professionals.



Award

Graduates will receive a Level 7 QQI Diploma in Professional Human Resource Practice. The course leads to CIPD qualification and Associate Membership of the Chartered Institute of Personnel and Development (CIPD). A separate membership fee (currently stg£140, but subject to revision) should be paid directly to CIPD to gain student membership.

Entry Requirements

This course is designed to appeal to those working in human resources, managing large teams of people or seeking to make a career change into HR. There are no specific academic requirements with applicants considered based on relevant work and other experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- Applied Employment Law
- Reward and Performance
- Talent Acquisition
- Organisational Performance and Culture
- Employment Relations
- Professional Behaviours and Practice

(CIPD) CERTIFICATE IN PROFESSIONAL HUMAN RESOURCE PRACTICE

CIPD

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

1 evening a week 18.30-22.00 plus occasional Saturdays.
2 on-campus Saturdays during the course 09.30-17.30.

Duration

1 academic year

Delivery

Blended (live online with some face-to-face classes). Evening weekdays online and some Saturdays on campus.

Fees

€2,500 total fee (Fees revised annually)

Course Description

NCI is the country's largest provider of CIPD graduates in Human Resources.

This course takes place over one academic year and is delivered by lecturers with extensive, practical experience in human resources, people and culture. The certificate covers Applied Employment Law, Talent Acquisition plus Organisational Performance & Culture. The programme has been completely revised, placed on the National Framework of Qualifications at Level 7 and is in line with the CIPD Profession Map allowing automatic eligibility for Membership of CIPD at Associate Level.

An innovative assessment structure is in place on the course which promotes both the understanding of academic principles and the application of skill. Some innovative assessment methods make the course very realistic, such as the investigation into suspected employee theft or the conducting of a selection interview. Assessment is by means of skills assessments, written projects and team presentations.

Upon successful completion of the certificate, there are only two more modules to complete for achievement of the Diploma in Professional Human Resource Practice. For Graduates from the Diploma, there is an exemption from the first stage of NCI's part-time BA (Honours) in Human Resource Management Strategy and Practice, meaning you have a direct progression path to the later stages of our HR degree.

Who is the course for?

This part-time HR course is ideal for those working in HR, wishing to develop a HR career or managers wanting a better knowledge of people management. The wide range of participants will be a vital part of your learning experience. The course is ideal for those who want to gain Professional Membership of CIPD. CIPD qualifications and membership are often required by employers seeking to hire HR professionals.



Award

Graduates will receive a Level 7 QQI Certificate in Professional Human Resource Practice. The course leads to CIPD qualification and Associate Membership of the Chartered Institute of Personnel and Development (CIPD). A separate membership fee (currently stg£140, but subject to revision) should be paid directly to CIPD to gain student membership.

Entry Requirements

This course is designed to appeal to those working in human resources, managing large teams of people or seeking to make a career change into HR. There are no specific academic requirements with applicants considered based on relevant work and other experience.

Laptop Requirement

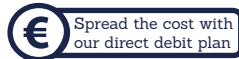
All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- Applied Employment Law
- Talent Acquisition
- Organisational Performance and Culture
- Professional Behaviours and Practice

CERTIFICATE IN PROFESSIONAL EMPLOYMENT LAW AND PRACTICE

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at
www.ncirl.ie

Delivery

Online

Start Date

Sept 2024 and Jan 2025

Fees

€1,250 total fee
(Fees revised annually)

Indicative Timetable

1 evening a week
18:30 – 22.00 plus one Saturday.

Duration

18 weeks

Course Description

This certificate will give you the skills and knowledge needed in managing difficult employment situations at work and changing the working climate. The course covers the key aspects of employment law and employee relations required by HR professionals, line and owner managers. The course is highly practical applying case law to real life situations, taught by lecturers with practical experience of these situations.

On completion participants will be able to deal with such issues as poor performance, dismissals, redundancies, equality and organisational climate. An innovative assessment structure is in place which promotes both the understanding of academic principles and the application of skill. Assessment is by means of skills demonstration, written projects and case assignments.

Upon successful completion of the certificate, graduates will be exempt from two modules of the (CIPD) Diploma in Professional Human Resource Practice. Note that the Certificate in Professional Employment Law & Practice is a short programme, and further modules are required to gain CIPD accreditation.

Who is the course for?

This part-time course is suitable for those who are working in HR or for those with experience in some aspects of HR who wish to update their skills and further their career. Given the importance of the issues, the course will also appeal to those working at line manager level or those running a small business with no HR unit in place.

Award

Graduates will receive a Level 7 QQI Certificate in Professional Employment Law and Practice.



Entry Requirements

This course is designed to appeal to those working in HR or seeking to upgrade their knowledge of employment law. There are no specific academic requirements with applicants considered based on relevant work and other experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

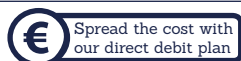
COURSE CONTENT

- . Applied Employment Law
- . Employment Relations

(CIPD) DIPLOMA IN PROFESSIONAL LEARNING & ORGANISATIONAL DEVELOPMENT

CIPD

FACTFILE



Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Indicative Timetable

2 evenings a week 18.30-22.00
plus occasional Saturdays. 5
on-campus Saturdays during the
course 09.30-17.30.

Duration

1 academic year

Delivery

Blended (live online with some
face-to-face classes). Evening
weekdays online and some
Saturdays on campus.

Fees

€3,670 total fee
(Fees revised annually)

Course Description

This programme covers Learning Design, Facilitation and Digital & Blended Learning for all those involved in the development of people. We take the best-in-class theory and approaches and help you apply it to your organisation. Learning alongside other professionals, you will be taught by lecturers with years of practical experience in Learning & Development. An innovative assessment structure is in place which promotes both the understanding of academic principles and the application of skill. Assessment is by means of skills assessments, projects, case assignments and exams.

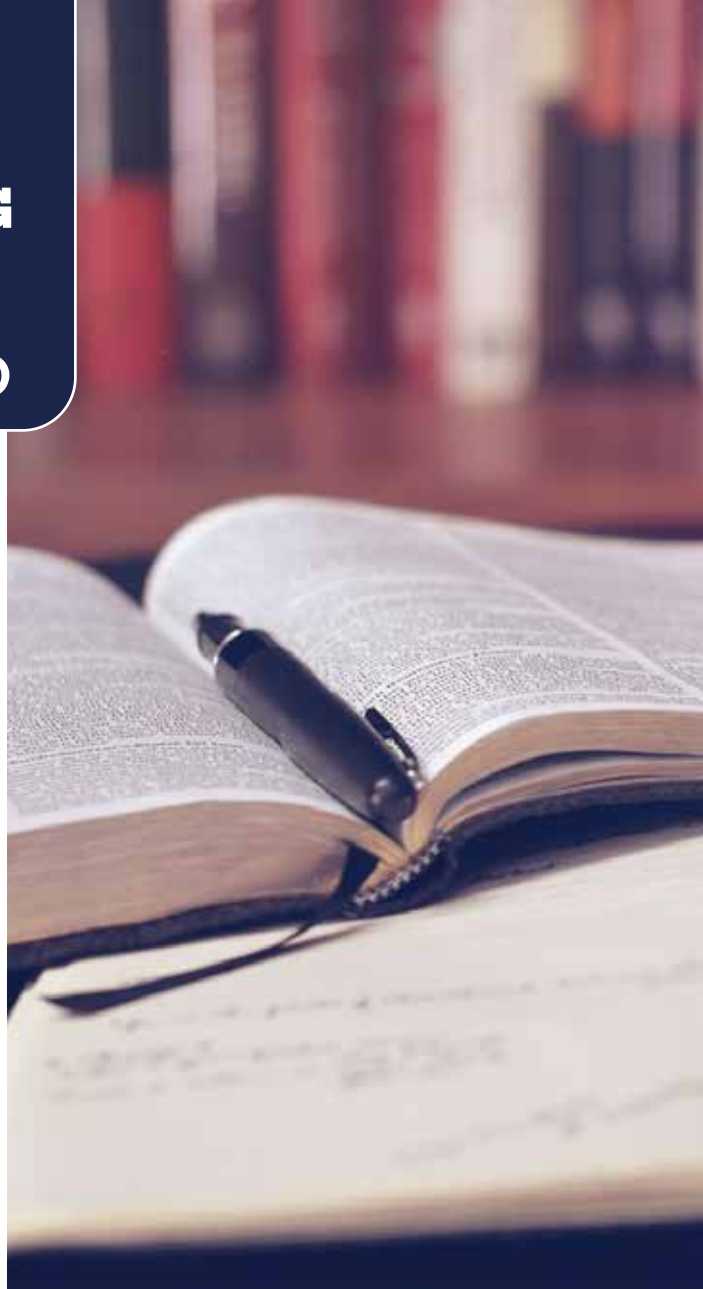
The programme is taught in a blended format, with evening classes taking place in our live, virtual classroom and Saturday workshops taking place on campus in the IFSC.

Who is the course for?

The programme is for those involved in training, learning, organisational development and talent development in organisations or those wishing to move into that career. The wide range of participants will be a vital part of your learning experience. The course is ideal for those who want to gain Professional Membership of CIPD. CIPD qualifications and membership are often required by employers seeking to hire HR professionals.

Award

Graduates will receive a Level 7 QQI Diploma in Professional Learning & Organisational Development. The course leads to CIPD qualification and Associate Membership of the Chartered Institute of Personnel and Development (CIPD). A separate membership fee (currently stg£140, but subject to revision) should be paid directly to CIPD to gain student membership.



Entry Requirements

This course is designed to appeal to those at work or seeking to make a career change towards training and development. There are no specific academic requirements with applicants considered based on relevant work and other experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

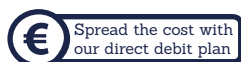
COURSE CONTENT

- Learning & Development Design and Evaluation
- Facilitation of Learning & Development
- Organisation Culture & Development
- HRD Professional Practice
- Strategy & Future Developments in Learning & Development
- Digital Learning and Development
- Coaching & Mentoring

(CIPD) CERTIFICATE IN PROFESSIONAL LEARNING & ORGANISATIONAL DEVELOPMENT

CIPD

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Indicative Timetable

2 evenings a week 18.30-22.00
plus occasional Saturdays. 5 on-
campus Saturdays during
the course 09.30-17.30.

Duration

1 academic year

Delivery

Blended (live online with some
face-to-face classes). Evening
weekdays online and some
Saturdays on campus.

Fees

€2,500 total fee
(Fees revised annually)

Course Description

This programme covers the essential elements of Learning & Development for all those interested and involved in the development of people. We take the best-in-class theory and approaches and help you apply it to your organisation. Learning alongside other professionals, you will be taught by lecturers with years of practical experience in Learning & Development. An innovative assessment structure is in place which promotes both the understanding of academic principles and the application of skill. Assessment is by means of skills assessments, projects and team presentations.

The programme is taught in a blended format, with evening classes taking place in our live, virtual classroom and Saturday workshops taking place on campus in the IFSC.

Upon successful completion of the certificate, there are only two more modules to complete for achievement of the Diploma in Professional Learning & Organisational Development.

Who is the course for?

The programme is for those involved in training, learning, organisational development and talent development in organisations or those wishing to move into that career. The wide range of participants will be a vital part of your learning experience. The course is ideal for those who want to gain Professional Membership of CIPD. CIPD qualifications and membership are often required by employers seeking to hire HR professionals.

Award

Graduates will receive a Level 7 QQI Certificate in Professional Learning & Organisational Development. The course leads to CIPD qualification and Associate Membership of the



Chartered Institute of Personnel and Development (CIPD). A separate membership fee (currently stg£140, but subject to revision) should be paid directly to CIPD to gain student membership.

Entry Requirements

This course is designed to appeal to those at work or seeking to make a career change towards training and development. There are no specific academic requirements with applicants considered based on relevant work and other experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

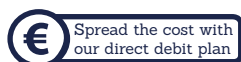
COURSE CONTENT

- Learning & Development Design and Evaluation
- Facilitation of Learning & Development
- Organisation Culture & Development
- HRD Professional Practice
- Strategy & Future Developments in Learning & Development



CERTIFICATE IN BUSINESS ANALYSIS

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at
www.ncirl.ie

Start Date

September 2024,
October 2024,
January 2025,
April 2025

Duration

6 months

Delivery

Blended – Livestream (online) classes with
some campus classes and some in-person
exams, scheduled in advance.

Indicative Timetable

Two days per month; Thursday and Friday
09.00 - 17.00.

Fees

€3,300 (Fees revised annually)
Price includes 1-year membership of the
Business Analysts Association of Ireland

Course Description

The Certificate in Business Analysis has been developed in association with the Business Analysts Association of Ireland. The role of the business analyst is to identify the core business objectives of an organisation and its constituent parts. They also need to ensure that the processes, procedures, systems and structures that are in place are the most effective and efficient to enable it to achieve its core objectives. This professional course offers academic accreditation for business analysts and for those who play a leading role in improving business performance, either in their own company, or in a consultancy role to others, through the use of proven business analysis techniques.

Award and Progression

The Certificate in Business Analysis is a Special Purpose Award (15 credits) awarded by QQI at level 8 on the National Framework of Qualifications. Students may transfer to other related level 8 courses subject to normal entry requirements.

Entry Requirements

This course is open to those working as business analysts, trainee business analysts or individuals with relevant work experience. Applications will be assessed based on relevant experience. Applicants from other areas will be expected to have a primary level 7 degree or proven work experience in the area. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements may be considered based on relevant work and other experience. This may be assessed using a written application or interview.



Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- . Communication Dynamics
 - Maximise Your Personal Effectiveness
- . Management of Change
- . Business Systems Analysis

This professional course offers academic accreditation for business analysts and for those who play a leading role in improving business performance

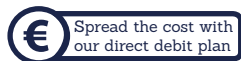


LEADERS FOR CHANGE CERTIFICATE IN NON-PROFIT LEADERSHIP AND MANAGEMENT

Special Purpose Award

Level 9 (15 ECTS Credits)

FACTFILE



Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Duration

One semester

Delivery

Blended –
Livestream (online)
classes with some
campus classes and
some in-person
exams, scheduled
in advance.

Indicative Timetable

Two days per month: Attendance at college
(online or on-campus subject to guidelines) for
three x 3-day blocks and one x 2-day block (11
days total).

These blocks will be run over a 6-month or
less period, allowing students spend time on
applying the evidence-based principles learned,
completing applied projects as part of their
assessment, and focusing on independent
learning.

Fees

€1,575 total fee
(Fees revised annually)

Course Description

This level 9 Certificate in Non-Profit Leadership and Management is an applied programme, aimed at improving specific, managerial and leadership competencies for managers and executives in Irish non-profit organisations. The course combines academic, evidence-based practices with practitioner-led knowledge and skills. The faculty are drawn from academia and from qualified senior managers/CEOs who work within capacity building and research organisations within the non-profit sector in Ireland and internationally.

The course will focus on very specific and emerging managerial issues in the sector, which are not generally found in conventional MA/MSc/MBA programmes, other than those which focus exclusively on the non-profit sector. Learners receive very specific 360-degree feedback on their own leadership behaviours as seen by their peers, colleagues, direct reports etc. using a validated instrument.

The managerial portions of the programme (10 of 15 ECTS) addresses, in a foundational way, many of the contemporary issues faced by Irish managers in the non-profit sector. Topics and skills such as reflective practice, conflict management, emotional intelligence at work, non-profit governance, managing culture, HR and performance management, impact measurement, change management, influencing government and advocacy, information management, social media and personal presentation skills differentiate the programme from conventional management programmes. While the knowledge base is developed from an empirical perspective, the core focus is on helping learners migrate the knowledge base into a new set of competencies.

Award

Graduates will receive a Special Purpose Award (15 credits) awarded by QQI at level 9 on the National Framework of Qualifications.

Entry Requirements

Applicants are required to hold a minimum of a 2.2 honours degree at level 8 or equivalent on the National Framework of Qualifications. Applications may also be considered under the college's Recognition of Prior Experiential Learning (RPEL) policy, and this is likely to be particularly germane to the non-profit sector managers who do not hold an undergraduate degree but have substantive work and managerial experience. This programme requires applicants to have previous work and managerial/team leader experience.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

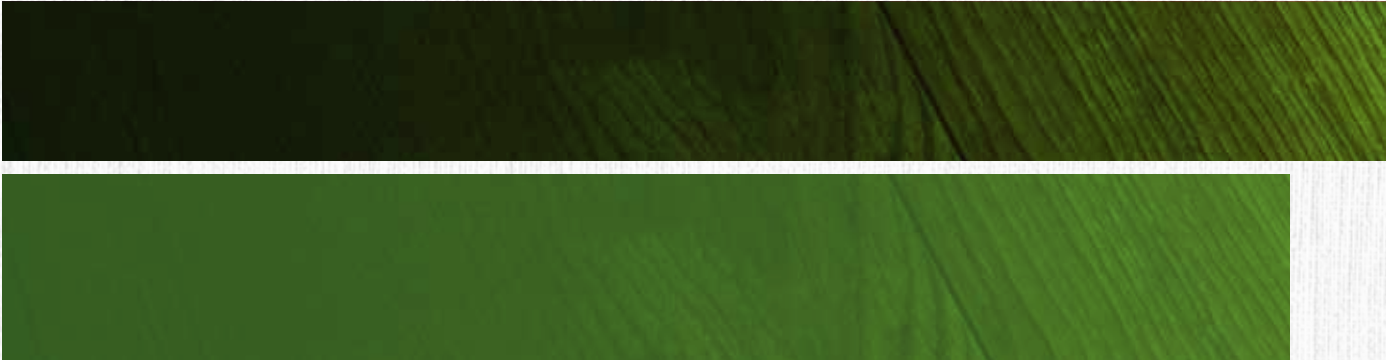

Career Development

Successful graduates of the programme are likely to emerge as future senior managers or CEOs of indigenous non-profit organisations, or develop further career progression in their current non-profit organisation.

COURSE CONTENT

- Non-Profit Change Management
- Emerging Management
- Ethical Leadership
- Outcome Measurement
- External Environment and Stakeholder Conflicts
- Model Leadership Behaviours
- Implementing Leadership Driven Changes





SCHOOL OF **COMPUTING**

POSTGRADUATE

MSc in Cloud Computing

MSc in Data Analytics

MSc in Cybersecurity

MSc in Artificial Intelligence

MSc in Artificial Intelligence for Business

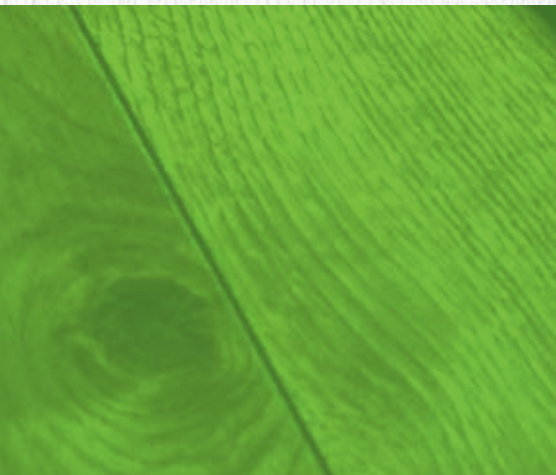
MSc in Fintech

MSc in Open Data Practice

Higher Diploma in Science in Computing

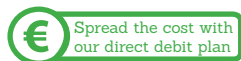
Higher Diploma in Science in Data Analytics





MASTER OF SCIENCE IN CLOUD COMPUTING

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years; 4 semesters with a final research project.

Start Date

Sept 2024

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Indicative Timetable

Two evenings per week
18.00 - 22.00 and some
Saturdays

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with a final research project.

Start Date

Sept 2024 and Jan 2025

Delivery

Campus – Classes will take place face-to-face on-campus.

Indicative Timetable

Students need to be available
09.00-18.00 Mon – Fri.
Class days and times vary.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

This programme aims to fulfil the ICT sector-specific needs as reported in Ireland's National Skills Strategy 2025. By combining technical skills with innovation principles, it effectively delivers core technology skills in cloud software development, fog/edge computing, DevOps, security, and data governance.

Students will gain experience with the latest ethical design principles, models, and technologies via our state-of-the-art Cloud Competency Centre. The course is delivered by faculty and industry practitioners with proven expertise in cloud computing.

Who is the course for?

This programme will appeal to computer science graduates, ICT industry practitioners, system administrators, and those with an interest in gaining practical experience in cloud computing.

As a graduate of this programme, you will be able to:

- Conduct independent research and analysis in the field of cloud computing.
- Formulate and implement a novel research idea using the latest industry practices.
- Demonstrate expert knowledge of application development, systems programming, parallel and distributed computing, and the tools, techniques and technologies of cloud computing utilised in both technical and business contexts.
- Critically assess, evaluate, and communicate business and technical strategies for cloud computing.
- Develop and implement effective business and technical solutions for cloud computing.
- Critically assess and evaluate security, privacy, and ethical issues associated with the storage, transfer, and processing of data on private and public cloud infrastructures.

Award and Progression

The Master of Science in Cloud Computing is awarded by QQI at level 9 on the National Framework of Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ. Students may also elect to exit early with the Postgraduate Diploma in Science in Cloud Computing at level 9 on the NFQ.

Entry Requirements

An honours (level 8) primary degree in a computing discipline with a 2.2 award or higher. Students in their final year of undergraduate study can be admitted on the condition that their degrees are awarded before they enrol at NCI. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme, i.e., applicants who do not meet the normal academic requirements may be considered based on relevant work and other experience.

This may be assessed using a portfolio of learning, demonstration of work produced, and an interview. Non-English-speaking applicants must demonstrate fluency in English evidenced by an IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multicore processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT YEAR 1 - 2

Core Modules

- Cloud Architectures
- Cloud Platform Programming
- Cloud DevOpsSec
- Scalable Cloud Programming
- Research in Computing
- Fog and Edge Computing
- Blockchain Concepts
- Cloud Machine Learning
- Data Governance, Compliance and Ethics
- Research Project

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is a combination of continuous assessments, projects, and exams. Please note that in some instances exams may take place in the daytime, evening, and/or at weekends.



MASTER OF SCIENCE IN DATA ANALYTICS

FACTFILE



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Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years; 4 semesters with a final internship/research practicum.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Two evenings per week, 18.00 - 22.00 and every second Saturday.

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with a final internship/research practicum

Delivery

Campus – Classes will take place face-to-face on campus.

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-18.00 Mon – Fri.
Class days and times vary.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

The overall goal of the MSc in Data Analytics programme is to provide graduates with essential research and development skills in Data Analytics. It is envisaged that graduates from this programme will be well equipped to perform independent research that enables them to make informed and critical decisions regarding requirements elicitation and analysis, implementation, evaluation, and documentation in Data Analytics. Furthermore, the programme seeks to produce graduates who are able to provide insight, gain value and discover knowledge (at an organisational, societal, or personal level) from data through exercising the skills that are developed through the programmes.

Upon completion of this course, graduates will be able to:

- Conduct substantial and extensive independent research and analysis in the field of Data Analytics.
- Formulate and implement a novel research idea using the latest industry practices.
- Demonstrate expert knowledge and a critical understanding of data analysis, statistics, and the tools, techniques and technologies of Data Analytics utilised in both technical and business contexts.
- Critically assess, evaluate and communicate business & technical strategies for Data Analytics.
- Formulate, design, assess, and implement effective business & technical solutions for Data Analytics.
- Critically assess and evaluate security, privacy, sustainability, and ethical issues associated with the storage, transfer, and processing of data for analytical purposes.

The course structure accommodates a wide audience of learners whose specific interests in data analytics may be either technically focused or business focused.

The course will be delivered using academic research, industry-defined practical problems, and case studies. This approach will naturally foster a deeper knowledge of the subject area and create transferable skills for work such as critical thinking, problem-solving, creative thinking, communication, teamwork, and research skills. The course is completely delivered by faculty and industry practitioners with proven expertise in data analytics.

Who is the course for?

This course is ideal for graduates that are looking to progress into the emerging data analytics market to increase their employment potential. The course is suitable for graduates who have technical or mathematical problem-solving skills.

Graduates from disciplines that have not developed these skills will need to be able to demonstrate an aptitude for technical or mathematical problem solving.

Award and Progression

The Master of Science in Data Analytics is awarded by QQI at level 9 on the National Framework of Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ. Students may also elect to exit early with the Postgraduate Diploma in Science in Data Analytics at level 9 on the NFQ.

Entry Requirements

A minimum of a level 8 (honours degree) qualification (2.2 or higher) on the National Framework of Qualifications. Applicants may be from a cognate/STEM background. Standard applicants for the programme are those who hold computing or numerate degrees. All applicants for the programme must provide evidence that they have prior programming experience (e.g., via academic transcripts or recognised certification). For candidates who do not have a level 8 qualification the College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic entry requirements, may be considered based on relevant work or other experience. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by an IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multicore processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT YEAR 1 - 2

Core Modules

- Statistics and Optimisation
- Analytics Programming and Data Visualisation
- Data Governance, Ethics and Sustainability
- Business Intelligence and Business Analytics
- Data mining and Machine Learning
- Deep Learning and Generative AI

Elective Choices

- Data Intensive Scalable Systems*
- Modelling and Simulation*
- Domain Applications*

Research Elective

- Research Practicum
or
- Internship**

*Elective modules are subject to availability and a minimum number of students required to run a module.

**The Internship module is available to students as an elective in their final semester. Please note that in view of the restrictive and specialist nature of the programme, the School of Computing reserves the right not to offer certain modules on an elective basis.

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is 50% continuous assessment and 50% exam.

Please note that in some instances exams may take place in the daytime, evenings and at weekends.



MASTER OF SCIENCE IN CYBERSECURITY

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years; 4 semesters with a final internship/practicum.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Two evenings per week, 18.00 - 22.00 and every second Saturday

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with a final internship/practicum.

Delivery:

Campus – Classes will take place face-to-face on campus.

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00-18.00 Mon – Fri. Class days and times vary.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

Cybersecurity is an essential need for a modern society in which information technology and services pervade every aspect of our lives. Cybersecurity has the fastest growth rate among all areas of IT, with the labour market encountering a severe workforce shortage in this field.

The aim of this programme is to provide learners with essential expert technical knowledge, competence and skills of the most important technical concepts of cybersecurity and how they are applied in areas such as device, network, cloud, web and application security.

The course is technical and practical in nature, uniquely embedded in industry, and develops in-depth expertise of core technical topics within the cybersecurity area. The programme emphasises the development of technical and research skills in the cybersecurity area through analysis, investigation, requirements elicitation, problem solving, and teamwork. In addition, emphasis is placed on the study of the latest appropriate technology and techniques necessary for the cultivation of advanced investigative skills.

Who is the course for?

This course is ideal for ICT professionals or graduates with an honours degree in computing or in a cognate area (STEM) who wish to develop a career as a cybersecurity professional; to take a leading technical or managerial role; to progress faster in their employment or to apply the knowledge in their current role. Candidates who do not hold a computing degree and are currently working in the IT sector may be considered, based on relevant academic qualifications or extensive work experience.

As a graduate of this course, you will be able to:

- Critically assess and evaluate ethical, legal, privacy, sustainable, and governance issues associated with the management of data assets in the cybersecurity domain.
- Communicate effectively complex and advanced cybersecurity concepts to a range of audiences in both written and verbal media.
- Apply advanced security knowledge and utilise practical skills and technologies to design and implement cybersecurity solutions that address business and technical problems.
- Make decisions and address security requirements through analytical thinking, communication, and interaction.
- Analyse, identify, and document measures to address vulnerabilities, risks, weaknesses, and other safety aspects within a given cybersecurity context.
- Identify knowledge gaps and undertake self-learning to acquire new knowledge and meet the requirements of the rapidly developing and expanding cybersecurity industry.
- Conduct independent research in the cybersecurity area and formulate and implement novel ideas by applying the latest research methodologies and industry practices.

Award and Progression

The Master of Science in Cybersecurity is awarded by QQI at level 9 on the National Framework of Qualifications (NFQ). Students who successfully complete this course may progress to a major award at level 10 on the NFQ. Students may also elect to exit early with a Postgraduate Diploma in Science in Cybersecurity at level 9.

Career Prospects

Several reports indicate shortage of skills and strong demand for cybersecurity professionals. The Expert Group on Future Skills Needs identified cybersecurity as a high-growth area that requires significant support for skills development. The State of the Cybersecurity Sector in Ireland 2022 Report indicates that there are almost 500 companies offering cybersecurity services or have employees in internal cybersecurity roles, and 83% of companies expect to grow their cybersecurity team over the next 12 months. This field has the fastest growth rate

following roles: information security analyst, secure application developer, cybersecurity tester, risk analyst / consultant, cyber incident responder, cloud security analyst, security researcher, etc.

Entry Requirements

An honours (level 8) primary degree in computing or a cognate area with a 2.2 award or higher. Cognate area means a STEM (Science, Technology, Engineering, and Mathematics) degree that also has taught programming/application development related modules. Candidates are expected to have programming ability, which can be demonstrated through transcripts, recognised certifications, and/or relevant work experience. An assessment and/or interview may be conducted to ascertain suitability, if necessary, for candidates who do not meet the normal academic requirements.

The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements may be considered based on relevant work and other experience. This may be assessed using a portfolio of learning, demonstration of work produced, and an interview. The programming ability of the applicant will also be assessed. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by an IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multi-core processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Core Modules

- Network Security and Penetration Testing
- Security Fundamentals
- Data Governance, Ethics, and Sustainability
- Cloud Architectures and Security
- Cryptography and Blockchain
- AI/ML in Cybersecurity
- Business Resilience and Incident Management

Elective Modules

- Secure Web Development
- Forensics and eDiscovery
- Secure Application Development
- Malware Analysis

Note that there are dependencies between secure development electives. To study Secure Application Development in semester 2, students must have studied Secure Web Development in semester 1. However, all students can elect to study Malware Analysis in semester 2.

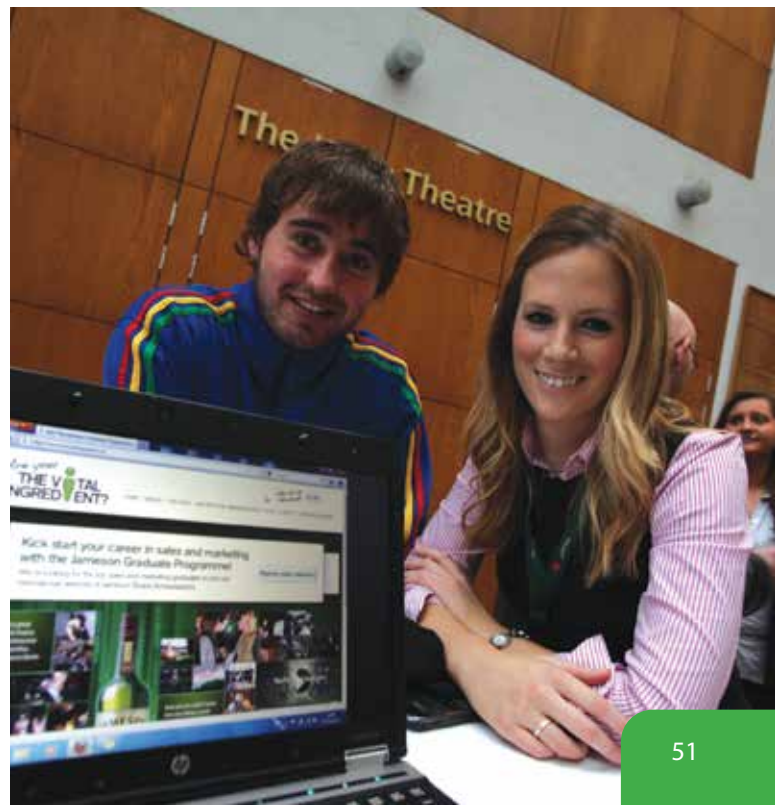
Research Elective

- Practicum
or
- Internship

Elective modules are subject to availability and a minimum number of students required to run a module.

Assessment

The course will be assessed with a blend of continuous assessments and/or project work and/or exams. This varies between modules but typically assessment is 40% continuous assessment and 60% project or exam. Please note that in some instances exams may take place in the daytime, evenings and at weekends.



MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years; 4 semesters with an internship/practicum.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Two evenings per week, 18.00 - 22.00 and every second Saturday.

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with an internship/practicum.

Delivery

Classes will take place face-to-face on campus.

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00 - 18.00 Monday to Friday. Class days and times vary.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

This course aims to produce high-quality, technically competent, innovative graduates that will become leading practitioners in the field of artificial intelligence. The MSc in AI contains modules covering fundamental and specialised AI topics, as well as topics related to operationalisation and application of AI to solve real-world problems. All students will gain a deeper understanding of the complete development lifecycle of AI software applications from requirements elicitation and analysis, implementation, decision making, evaluation, and documentation.

The course will be delivered using academic research, industry defined practical problems, and case studies. This approach will naturally provide a deeper knowledge of AI and create skills required in industry such as critical thinking, problem-solving, creative thinking, communication, teamwork, and research skills.

Upon completion of this course, graduates will be able to:

- Demonstrate expert knowledge of Engineering Artificial Intelligence systems, Machine Learning, Optimisation Techniques, and the tools, techniques and technologies of Artificial Intelligence utilised in real world contexts.
- Formulate, design, implement, and evaluate novel real-world solutions at the forefront of Artificial Intelligence using the latest industry practices and standards.
- Select, assess, and apply advanced and emerging Artificial Intelligence techniques and tools to enhance decision making.
- Synthesise and communicate technical Artificial Intelligence solutions.
- Critically assess and evaluate ethical, sustainable, and responsible issues associated with the development and deployment of Artificial Intelligence systems.
- Conduct independent research in the field of Artificial Intelligence.

Who is this course for?

This course is ideal for graduates that are looking to progress into the emerging AI market to increase their employment potential. The course is suitable for graduates who have programming and mathematical problem-solving skills. Graduates from disciplines that have not developed these skills will need to be able to demonstrate an aptitude for programming or mathematical problem solving.

Entry Requirements

A minimum of a level 8 primary degree in Computing or a cognate area with a 2.2 award or higher or equivalent on the National Qualifications Framework. Cognate area means a STEM (Science, Technology, Engineering, and Mathematics) degree that also taught programming/ application development related modules. An assessment and/ or interview may be conducted to ascertain suitability if necessary.

The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements may be considered based on relevant work and other experience. This may be assessed using a portfolio of learning, demonstration of work produced, and an interview. The programming ability of the applicant will also be assessed. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multicore processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows. It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Core Modules

- Foundations of Artificial Intelligence
- Programming for Artificial Intelligence
- Data Analytics for Artificial Intelligence
- Data Governance and Ethics
- Engineering and Evaluating Artificial Intelligence Systems
- Intelligent Agents and Process Automation
- Artificial Intelligence Driven Decision Making
- Machine Learning
- Emergent Artificial Intelligence Technologies and Sustainability

Research Elective

- Practicum
or
- Internship

Elective modules are subject to availability and a minimum number of students required to run a module.

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is 50% continuous assessment and 50% exam. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE FOR BUSINESS

FACTFILE



Application

Apply online at www.ncirl.ie

Part-time Schedule

Duration

2 years, 4 semesters with an internship/practicum.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Start Date

Sept 2024

Indicative Timetable

Two evenings per week, 18.00 - 22.00 and every second Saturday.

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with an internship/practicum.

Delivery:

Campus – Classes will take place face-to-face on campus.

Start Date

Sept 2024 and Jan 2025

Indicative Timetable

Students need to be available 09.00 - 18.00 Monday to Friday. Class days and times vary.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

The overall goal of the MSc in AI for Business is to produce high-quality, technically competent, and innovative graduates with essential knowledge to understand the impacts, design, application, and operationalisation of AI solutions in business contexts. The MSc in AI for Business contains modules that aim to provide learners with high level of AI knowledge, understanding the impacts of human factors and engagement in AI, and understanding the operationalisation and application of AI. The programme also includes a final supervised research project whose theme requires the formulation of a business strategy that could be applied in industry. Through the supervised projects, the learners will be able to perform independent research that puts them into a position to make informed and critical decisions regarding the use of AI technologies in a business context.

The course will be delivered using academic research, industry defined practical problems, and case studies and by faculty, industry practitioners, business strategists with proven expertise in AI and its applications in business. This approach will naturally provide a deeper knowledge of AI for business and create skills required in industry such as critical thinking, problem-solving, creative thinking, communication, teamwork and research skills.

Upon completion of this course, graduates will be able to:

- Demonstrate a critical understanding of the use of Artificial Intelligence in business contexts.
- Formulate, design, assess, and implement AI-enabled business strategies based on the latest industry practices and standards to enhance human potential and customer support.
- Select and employ advanced and emerging Artificial Intelligence techniques and tools to enhance business decision making.
- Synthesise and communicate the opportunity of Artificial Intelligence to enhance the business strategy to key stakeholders.
- Critically assess and evaluate ethical, sustainable, and responsible risks and impacts associated with Artificial Intelligence solutions in business contexts.
- Conduct independent research on the impact of Artificial Intelligence in a business context.

Award and Progression

The Master of Science in Artificial Intelligence for Business is awarded by QQI at level 9 on the National Framework of Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ. Students may also elect to exit early with the Postgraduate Diploma in Science in Artificial Intelligence for Business at level 9 on the NFQ. Potential recruiters include corporate companies and research labs who are the providers of AI-enabled solutions of today's real-world problems such as Microsoft, Huawei, LinkedIn and Citi Bank.

Who is this course for?

MSc in AI for Business aims to produce high-quality, competent, innovative graduates that will become leading strategists in the field of AI. This course is for graduates who have problem-solving skills and learners from industry who want to properly upskill and prepare themselves for the AI-enabled world of today.

Entry Requirements

Applicants are required to hold a minimum of a Level 8 honours qualification (2.2 or higher) or equivalent on the National Qualifications Framework in either STEM (e.g., Information Management Systems, Information Technologies, Computer Science, Computer Engineer) or Business (e.g., Business Information Systems, Business Administration, Economics) discipline and a minimum of three years of relevant work experience in industry, ideally but not necessarily, in management. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by an IELTS academic score of at least 6.0 or equivalent.

Core Modules

- Data Governance and Ethics
- Foundations of Artificial Intelligence
- Data Analytics for Business
- Risk and Change Management
- AI Technologies for Business
- Intelligent Agents and Process Automation
- Human Centred Artificial Intelligence
- Customer Engagement and Artificial Intelligence
- Emerging Artificial Intelligence Technologies and Sustainability

Research Elective

- Practicum
or
- Internship

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is 50% continuous assessment and 50% exam. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

Elective modules are subject to availability and a minimum number of students required to run a module.

Laptop Requirement

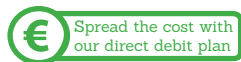
This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multi-core processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

MASTER OF SCIENCE IN FINTECH

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Part-time Schedule

Duration

2 years, 4 semesters with an internship/practicum.

Indicative Timetable

Two evenings per week, 18.00 - 22.00 and every second Saturday.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Fees

€4,700 per annum
€9,400 total fee
(Fees revised annually)

Full-time Schedule

Duration

1 year; 3 semesters with an internship/practicum

Indicative Timetable

Students need to be available 09.00 - 18.00 Monday to Friday. Class days and times vary.

Delivery:

Campus – Classes will take place face-to-face on campus.

EU Fee

€6,800 total fee
(EU/Ireland applicants)
(Fees revised annually)

Course Description

MSc in Fintech programme was designed to endow learners with the essential skills in Financial Technologies covering a variety of topics from both business and technical domains. Learners will be familiarised with (i) the technical landscape of fintech domains, such as, classical, advanced, and state-of-the-art financial techniques and analytics methods including their theoretical foundations and mathematical underpinnings, and (ii) the deep understanding of impacts, design, application, and operationalisation of fintech solutions in business contexts.

NCI is perfectly placed to deliver an industry-focused programme inspired by its location at the heart of the International Financial Services Centre. The course is completely delivered by faculty and industry practitioners with established experience in the fintech domain.

Who is the course for?

This course typically appeals to those who possess a level 8 qualification in any discipline and wish to transfer to a career in fintech.

Note that the course is technical in nature and entails a significant amount of independent study. Given the content and the timescale learners need to have a strong commitment to the course and a willingness to fully engage with the technical content.

This interdisciplinary course will appeal to graduates of finance, computing and business seeking to enter the area of fintech; and industry practitioners seeking to gain insightful experience and exposure to the principles of fintech, as well as data analytics and emerging technologies. Specifically, learners would have opportunity to choose between two learning paths: programming learning path and non-programming learning path. In addition to the core modules, the programming learning path will offer subjects such as Machine Learning for Finance and Programming for Financial Data Science, while the non-programming learning path will offer modules such as Entrepreneurship and Innovation in Fintech, and Leadership, Organisation Culture and Human Factors in Fintech.

The programme aims to produce high-quality, technically competent, innovative graduates that will become leading practitioners in the field of Financial Technologies. Upon completion of this course, graduates will be able to:

- Synthesize and critically evaluate expert knowledge of governance and compliance, data analysis and visualisation, cybersecurity and IT auditing, big data analytics, high level as well as deep financial data analysis skills, adapting artificial intelligence and machine learning in fintech, techniques and technologies of fintech utilised in both technical and business contexts.
- Formulate, design, assess, and implement effective business and technical solutions and strategies for the fintech domain based on the latest industry practices and standards to enhance human potential and customer support.
- Contextualise and integrate future, emerging, and disruptive technologies in fintech.
- Critically assess and evaluate ethical, sustainable, and responsible risks and impacts associated with technological and strategic solutions in fintech domain. Demonstrate competencies in legal practices and regulations in fintech.
- Critically evaluate and optimise entrepreneurship, business, and technical strategies for the fintech domain. Acquire and develop a comprehensive skill set in leadership and collaboration in order to actualise entrepreneurship and innovation in fintech.

Career Prospects

The fintech industry is growing at a fast pace and the global Fintech-as-a-Service Market size is expected to reach \$681.6 billion by 2028. Organisations such as Financial Services in Ireland – Skills of the Future, ICTSkillnet Report 2022, Expert Group on Future Skills Needs (EGFSN) have reported a huge market need for graduates with skills in finance and financial technologies in Ireland. The NCI's MSc in Fintech programme in its recent run has seen an employment rate of 91% and some of the top employers for the graduates have been organizations like AIB, EY, JP Morgan Chase, Deloitte, and Accenture.

Award and Progression

The Master of Science in Fintech is awarded by QQI at level 9 on the National Framework for Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ, such as a PhD.

Entry Requirements

A level 8 degree (2.2 award) or its equivalent in one or more of the following domains: computer science, finance, business, or economics. Cognate disciplines will also be considered. Note that applicants lacking both a clear financial and technology component may still be eligible but are subject to review. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme, meaning applicants who do not meet the normal and academic entry requirements, may be considered based on relevant work or other experience. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by an IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a laptop computer with a substantial hardware configuration. A suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS or Windows.

It is the responsibility of the student to ensure their laptop is functioning correctly and that they have full administrator rights to the machine. NCI IT does not provide support for personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Core Modules

- Blockchain Technologies
- Financial Markets
- Data Governance, Ethics, and Sustainability
- AI for Finance
- Financial Regulations
- Payments and Transaction Services

Elective Modules

- Programming for Financial Data Science
- Leadership, Organisational Culture, and Human Factors in Fintech
- Machine Learning for Finance
- Entrepreneurship and Innovation in Fintech

Note that there are dependencies between some electives. To study Machine Learning for Finance elective in semester 2, students must have studied Programming for Financial Data Science elective module in semester 1.

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is 50% continuous assessment and 50% exam. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

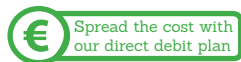
Research Elective

- Practicum
or
- Internship

Elective modules are subject to availability and a minimum number of students required to run a module.

MASTER OF SCIENCE IN OPEN DATA PRACTICE

FACTFILE



Full-time Schedule

Application

Apply online at www.ncirl.ie

Start Date

Jan 2025

Duration

1 year; 3 semesters with a final research practicum.

The 3 semesters run from Sept to Jan, Jan to May and May to August. The Research Practicum runs in the third semester.

Delivery

Campus: Classes will take place face-to-face on campus. Delivery will consist of lectures, tutorials, and project-based learning.

Indicative Timetable

Students need to be available 09.00-18.00 Mon – Fri. (Class days and times can vary)

EU Fee

€6,800 total fee (Fees revised annually)

Course Description

Open Data is data that is openly accessible, exploitable, editable, and shared for any purpose. Open Data is a key driver for economic growth, business innovation and public accountability and this programme gives the learner the skills to succeed in a data driven world.

The MSc in Open Data Practice, developed under the EU-funded ERASMUS+ TrainRDM project, equips learners with skills to excel in a data-driven world. Graduates will gain expertise in open data management, impact assessment, and operationalisation. The collaboration with UPB and TU Vienna, two leading European institutions in computing, ensures a diverse and comprehensive education, preparing students for leadership in open data innovation and public accountability.

The programme was shortlisted for the prestigious Technology Ireland Industry Awards 2023 in the category of Outstanding Academic Achievement of the Year by IBEC, Ireland's largest business representative group.

Graduates will be able to:

- Conduct independent research and analysis in open data.
- Formulate and implement a novel research idea in the area.
- Demonstrate expert knowledge in managing and implementing open data solutions.
- Show high level competence in the tools and techniques of open data.
- Critically assess business and technical strategies for open data.
- Develop and implement effective business and technical solutions for open data.
- Critically appreciate ethical, data governance and sustainability issues relevant to open data practice.

You will attain expertise to be able to evaluate modelling techniques, use software development to solve problems involving data and to analyse and evaluate large data sets. You will also understand the ethical, moral and sustainability issues associated with open data practices. Towards the end of your studies, you will also examine a specific research question that can be relevant to your organisation in your research project.

As a graduate of this programme, you can lead the way in using data to drive business innovation, improve business efficiency, enhance public accountability, make better decisions, and solve real world challenges with open data. There is a strong and growing open data ecosystem and this course will give you the competence and confidence to be a leader in the field.

Who is the course for?

The programme is particularly relevant to those working or aiming to work in organisations engaged with managing open data resources, such as for example public sector organisations, researchers or those involved in data governance. Given the potential growth in this area the course is ideal for graduates that are looking to progress into the emerging open data and wider data analytics market to increase their employment potential. The course is suitable for graduates who have technical or mathematical problem-solving skills. Graduates from disciplines that have not developed these skills will need to be able to demonstrate an aptitude for technical or mathematical problem solving.

Career Opportunities

In 2020 the EU published the report titled, "The Economic Impact of Open Data", and this estimated the market size for open data would grow up to €334 billion by 2025. There were an estimated 1.09 million open data employees in the EU in 2019 with this estimated to grow up to 1.97 million by 2023. An analysis of the job market shows open roles in this area such as postdoctoral research fellow research librarians, data protection officer and data governance officer and opportunities in a variety of business and public sector organisations. Ireland's National Open Data Strategy 2107-2022 further highlights the opportunity. The aim of this strategy is to make Ireland a leader in the use of open data and to create an environment where the economic, social, and democratic benefits of open data are recognised and realised. The strategy highlights the need to have suitably qualified graduates in this area to avail of the opportunities that exist. The need for skills in this area has been similarly recognised by governments around the world.

International Partners

This European MSc programme has been jointly designed by NCI, Universitatea Politehnica din București (UPB), and Technischen Universität Wien (TU Vienna), reflecting a robust European collaboration. The course is the culmination of the TrainRDM Project, an EU-funded initiative aimed at fostering open science education and skills. Faculty from UPB and TU Vienna will partake in programme delivery, enriching the curriculum with their expertise and international perspectives.

Entry Requirements

A minimum of a level 8 (honours degree) qualification (2.2 or higher) on the National Framework of Qualifications from a cognate/STEM background. Learners from a non-cognate background from areas like Bioscience, the Social Sciences, Psychology, or Library Science will also be considered for the programme. Candidates will be required to demonstrate numerical and computer proficiency which may be assessed by interview or written assessment. Graduates with other level 8 qualifications can apply and will be assessed on a case-by-case basis.

For candidates who do not have a level 8 qualification the college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic entry requirements, may be considered based on relevant work or other experience. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by an IELTS academic score of at least 6.0 or equivalent.

Award and Progression

The Master of Science in Open Data Practice is awarded by QQI at level 9 on the National Framework of Qualifications. Students who successfully complete this course may progress to a major award at level 10 on the NFQ. The diploma supplement for this degree will include a European endorsement from both Universitatea Politehnica din București and the Technischen Universität Wien. Students may also elect to exit early with the Postgraduate Diploma in Science in Open Data Practice at level 9 on the NFQ.

Laptop Requirements

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 multicore processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS, or Windows. It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility.

Assessment

The course will be assessed with a blend of project work and exams. This varies between modules but typically assessment is 50% continuous assessment and 50% exam. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

COURSE CONTENT

Semester 1	Semester 2	Semester 3
<ul style="list-style-type: none"> • Data Modelling • Programming and Algorithms • Ethics and Fairness • Open Science and FAIR Principles 	<ul style="list-style-type: none"> • Statistics • Data Analytics • Open Data Workflows and Lifecycle • Plus a choice of one elective module from: <ul style="list-style-type: none"> - Database and File Systems - Open Innovation - Data Assurance and Security Principles 	<ul style="list-style-type: none"> • Data Governance • Research Practicum

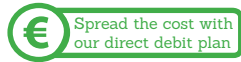
Note: Elective modules are subject to availability and a minimum number of students required to run a module.



HIGHER DIPLOMA IN SCIENCE IN COMPUTING

(WITH SPECIALISATIONS)

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

(1-Year Option)

1-Year Option: 3 semesters delivered over 1 calendar year.

(2-Year Option)

2-Year Option: 4 semesters delivered over 2 calendar years.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Indicative Timetable (1-Year Option)

Three evenings per week, 18.00 - 22.00.

(2-Year Option)

Two nights a week, 18.00 - 22.00, and a number of Saturdays, 09.00 - 18.00.

Fees

€4,725 total fee
(Fees revised annually)

Course Description

The course teaches students computing fundamentals, complemented with detailed knowledge, problem-solving and specialised technical skills required for analysing, designing and developing technical software solutions. The course offers specialisations in the second semester to choose from. The stream element is a focused set of modules to bring the learners quickly to the industry entry standard for the chosen specialisation.

The streams/specialisations (subject to availability) are: Software Development, Cybersecurity, Artificial Intelligence and Machine Learning, Blockchain and Web Development.

The **Software Development** stream provides learners detailed knowledge, problem-solving and technical skills in the area of software development using a modern programming language, such as Java, and application development framework(s).

The **Cybersecurity** stream provides detailed knowledge, problem-solving and specialised technical skills required for application security development, forensics investigation, application/service vulnerability detection and incident detection.

The **Artificial Intelligence** and **Machine Learning** stream provides learners an understanding and application development of AI-powered products by leveraging expertise in machine learning and computational methods.

The **Blockchain** stream explores the development of blockchain applications and their implications in other fields by providing a practical understanding of blockchain application development, blockchain foundations and distributed ledger systems.

The **Web Development** stream provides learners technical and development skills in core topics of web programming covering topics such as advanced client-side development, cloud application development and DevOpsSec.

Who is the course for?

This course will appeal to graduates with a level 8 degree from different backgrounds who would wish to change their non-ICT qualification into the computer science field through a level 8 award in computing.

It will also appeal to technical and non-technical professionals who would like to upgrade their skills in one of the specialisations provided by this course, helping them to progress faster in their employment or to apply the knowledge in their current role.

Award and Progression

The Higher Diploma in Science in Computing is awarded by QQI at level 8 on the National Framework of Qualifications (NFQ). Students who successfully complete this course may be eligible to progress to a major award at level 9 on the NFQ.

As graduates from other disciplines and with work experience, learners will have life skills and experiences that they bring with them on to the programme and into a new subject domain. Therefore, they are eligible for a number of roles. They could work in positions that are in-line with their skills but in the ICT sector or apply ICT knowledge gained through this programme to their current role.

Graduates may also avail of entry-level ICT-related positions, depending on the selected stream, such as software developer; DevOps engineer; application developer; entry-level cybersecurity engineer; cybersecurity tester; computer forensics examiner; software tester; front-end developer, web developer.

Entry Requirements

A level 8 degree or its equivalent in a non-cognate discipline. Non-standard applications will be also considered on an individual basis. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements may be considered based on extensive relevant work and other experience. This may be assessed using a portfolio of learning, demonstration of work produced, interview, and assessment. Non-English-speaking applicants must demonstrate fluency in English evidenced by an IELTS academic score of at least 6.0 or equivalent.

Assessment

The course will be assessed with a blend of continuous assessments and/or project work and exams. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a laptop computer with a substantial hardware configuration. A suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS or Windows. It is the responsibility of the student to ensure their laptop is functioning correctly and that they have full administrator rights to the machine. NCI IT does not provide support for personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Core Modules

- Software Development
- Object Oriented Software Engineering
- Introduction to Databases
- Web Design and Client Side Scripting
- Computer Architecture, Operating Systems and Networks
- Project

AND choose one of the following specialist streams:

Software Development Stream

- Data Structures
- Algorithms and Advanced Programming
- Distributed Systems

Cybersecurity Stream

- Security Principles and Secure Programming
- Network and Web Penetration Testing
- Digital Forensics

AI/ML Stream

- Artificial Intelligence
- Machine Learning Fundamentals
- Statistics

Blockchain Stream

- Blockchain Foundations
- Blockchain Application Development
- Distributed Systems

Web Development Stream

- Cloud Application Development
- Advanced Client Side Development
- DevOpsSec

Note: Prospective students are required to specify the specialisation they would like to follow when they apply for a place within the Higher Diploma in Science in Computing programme.

Note: Streams/specialisations will run subject to student numbers.



HIGHER DIPLOMA IN SCIENCE IN DATA ANALYTICS

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

(1-Year Option)

1-Year Option: 3 semesters delivered over 1 calendar year.

(2-Year Option)

4 semesters delivered over 2 calendar years.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Indicative Timetable

(1-Year Option)

Three evenings per week, 18.00 - 22.00.

(2-Year Option)

Two nights a week, 18.00 - 22.00.

Fees

€4,725 total fee (Fees revised annually)

Course Description

The objective of this course is to provide you a broad combination of themes around data analytics that creates valuable insight and professional expertise. The programme has been designed and developed with industry experts to ensure that graduates develop core theoretical and practical skills in specialist areas such as Statistics, Business Intelligence, Data Governance, Databases, Programming and Machine Learning. This course will equip you to enter the world of data and business analytics.

Who is the course for?

This programme is suitable for non-technical professionals and college graduates from non-technical disciplines, those with numeracy skills who wish to work as data analysts, business analysts or to enter into management roles across a range of sectors. You do not need to have previously studied programming. However, given the timeframe and the amount of technical and statistical content, applicants should be prepared to commit fully to the course.

Entry Requirements

Applicants holding an honours degree (level 8 or equivalent) in any discipline are eligible for direct access to the programme. In addition, applicants with level 7 degree in a cognate area (e.g. Computer Science/IT, Engineering, Mathematics, Physics, Information Systems, Accounting) are also considered for direct access into the programme.

For other non-standard applications the College operates a Recognition of Prior Experiential Learning (RPEL) scheme,

meaning applicants who do not meet the normal academic entry requirements may be considered based on relevant work or other experience.

Typically, holders of more technical and numerate degrees or candidates that are able to demonstrate technical or mathematical problem-solving skills are likely to gain a higher ranking in the selection for the course.

Non-English-speaking applicants must demonstrate fluency in English evidenced by an IELTS academic score of at least 6.0 or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a laptop computer with a substantial hardware configuration. A suitable configuration is 8GB of RAM (16 GB or more recommended); a 64-bit x86 processor (Intel i5 or superior); 250+ GB of hard disk; WiFi card; and a recent installed release of Windows operating system. It is the responsibility of the student to ensure their laptop is functioning correctly and that they have full administrator rights to the machine. NCI IT cannot provide support for personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Award and Progression

Higher Diploma in Science in Data Analytics is awarded by QQI at level 8 on the National Framework of Qualifications. Students who successfully complete this course may be eligible to progress to a major award at level 9 on the NFQ.

Assessment

The course will be assessed with a blend of continuous assessments and/or project work and exams. This varies between modules but typically assessment is split 60:40 between exams and continuous assessment. Please note that in some instances exams may take place in the daytime and at weekends.

COURSE CONTENT

- Statistics I
- Programming for Data Analytics
- Data Governance
- Statistics II
- Databases for Analytics
- Business Intelligence
- Machine Learning
- Project



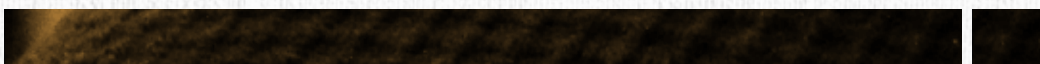


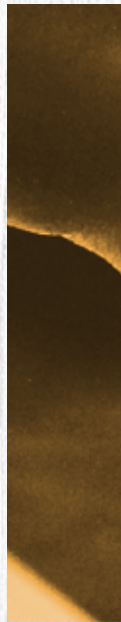
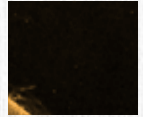
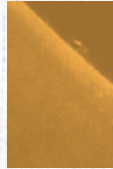
SCHOOL OF **COMPUTING**

UNDERGRADUATE

Bachelor of Science (Hons) in Computing

Higher Certificate in Computing





BACHELOR OF SCIENCE (HONS) IN COMPUTING

With specialisations in Software Development, Internet of Things, Cybersecurity, Games Programming, Blockchain, Artificial Intelligence/Machine Learning/ Data Analytics, Digital Business Transformation.

FACTFILE



Spread the cost with our direct debit plan

Start Date

Sept 2024

Application

Apply online at www.ncirl.ie

Duration

4 years; 3 semesters per year.
Use of online/blended learning.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Indicative Timetable

Two evenings per week,
18.00 - 22.00 and Saturdays
09.00 - 18.00

Fees

€4,200 per annum
(Fees revised annually)

Course Description

This innovative BSc (Hons) in Computing with specialisations is intended to appeal to anyone who is interested in developing practical knowledge and skills in the application of technology to help solve problems in business, data analytics, artificial intelligence, machine learning, blockchain, gaming and cybersecurity. In your final year, you will study modules based on your chosen specialisation from important and exciting areas of computer science.

This computing course will equip you to create software applications for business transformation, artificial intelligence, data analytics, gaming, blockchain and internet of things. You will also understand how to incorporate user data into software applications and how to engineer a software application from requirements through analysis, design, implementation and testing. The course will also allow you to develop your business and interpersonal skills.

In your final year, you will study modules based on your chosen specialisation from important and exciting areas of computer science.

Who is the course for?

This part-time course is aimed at those working in the information and communications technology industry and wishing to develop their knowledge and skills in the area of computing and so improve their career prospects. It will also appeal to anyone wishing to move into the information and communications technology industry.

Entry Requirements

This IT degree course is designed to appeal to those at work or seeking to re-enter the workforce. There are no specific academic requirements with applicants considered based on relevant work and other experience. Applicants may be required to attend an interview as part of the application process. Applicants under 21 will be assessed based on Leaving Certificate or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a laptop computer with a substantial hardware configuration. A suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS or Windows. It is the responsibility of the student to ensure their laptop is functioning correctly and that they have full administrator rights to the machine.

NCI IT does not provide support for personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Award and Progression

The Bachelor of Science (Honours) in Computing is awarded by QQI at level 8 on the National Framework of Qualifications. This award will allow progression to level 9 courses on the NFQ. The final award is calculated from the weighted results of stages 2, 3 and 4. The course also prepares students for industry-recognised certificates in leading technologies.



COURSE CONTENT

Year 1

Semester 1

- Discrete Mathematics
- Problem Solving and Programming Concepts
- Computational Thinking
- Operating Systems

Semester 2

- Computer Architecture
- Introduction to Programming
- Introduction to Data Modelling and Databases

Semester 3

- Web Design and Development
- Digital Multimedia
- The Computing Industry

Year 2

Semester 1

- Data Communications and Networking
- Object Oriented Programming
- Advanced Databases

Semester 2

- Data Structures and Algorithms
- Software Engineering
- Software Quality and Testing

Semester 3

- Web Application Development
- Innovation and Business Entrepreneurship
- Team Project

Year 3

Semester 1

- Advanced Computer Networks
- Technical Electives*:
 - Introduction to Artificial Intelligence and Machine Learning
 - Advanced Programming
- Business Computing Electives: *
 - Business and Artificial Intelligence
 - Project Management

*Students should choose either the Technical Electives or the Business Computing Electives. Students who complete the Business Computing Electives will go on to the 4th Year specialisation in Digital Business Transformation. Students who complete the Technical Electives may choose to specialise in either Games Programming, Software Development, Cybersecurity, Blockchain, Artificial Intelligence/Machine Learning/Data Analytics and Internet of Things.

Semester 2

- Security Fundamentals and Development

Semester 2 & Semester 3

Six-month work placement within an organisation
OR
Academic Internship

Year 4 - Choose a Specialisation

Year 4

Games Programming

Semester 1

- Project
- Cloud Application Development
- Games Systems

Semester 2

- Project
- Mixed Reality
- Games Programming
- IT Governance, Security and Ethics

Semester 3

- Project

Year 4

Software Development Specialisation

Semester 1

- Project
- Cloud Application Development
- IoT Fundamentals and Development

Semester 2

- Project
- Secure Application Programming
- IT Governance, Security and Ethics
- DevOpsSec

Semester 3

- Project

Year 4

Cybersecurity Specialisation

Semester 1

- Project
- Cloud Application Development
- Secure Application Programming

Semester 2

- Project
- Penetration Testing
- IT Governance, Security and Ethics
- Digital Forensics

Semester 3

- Project

Year 4

Internet of Things Specialisation

Semester 1

- Project
- Cloud Application Development
- IoT Fundamentals and Development

Semester 2

- Project
- Data Mining and Visualisation Principles
- IT Governance, Security and Ethics
- IoT Application Development

Semester 3

- Project

Year 4

Blockchain Specialisation

Semester 1

- Project
- Cloud Application Development
- Blockchain Foundations

Semester 2

- Project
- IT Governance, Security and Ethics
- Blockchain Application Development I
- Blockchain Application Development II

Semester 3

- Project

Year 4

Artificial Intelligence/ Machine Learning/Data Analytics

Semester 1

- Project
- Cloud Application Development
- Artificial Intelligence

Semester 2

- Project
- Data Application Development
- IT Governance, Security and Ethics
- Machine Learning

Semester 3

- Project

Year 4

Digital Business Transformation

Semester 1

- Project
- Cloud Application Development
- Business Analysis

Semester 2

- Project
- Digital Transformation
- IT Governance, Security and Ethics
- Strategic Management

Semester 3

- Project

Availability of specialisations is subject to student numbers

Assessment

The course will be assessed with a blend of continuous assessments and/or project work and exams. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

HIGHER CERTIFICATE IN COMPUTING

FACTFILE



Start Date

Sept 2024

Application

Apply online at
www.ncirl.ie

Duration

2 years; 3 semesters per year. Use of Online/Blended Learning.

Delivery

Blended - Livestream with some on-campus stream classes, scheduled in advance.

Indicative Timetable

Tuesday and Thursday
18.00 - 22.00 and
Saturdays 09.00 - 18.00

Fees

€4,200 per annum
(Fees revised annually)

Course Description

This Higher Certificate in Computing is an excellent start for those looking to build a career in the world of computing. This course will give you expertise in hardware, software applications, software development, operating systems and data communications. It will give you the skills to pursue a career in the information and communications technology industry.

You will learn how to install new hardware and software, and to configure networks, software and hardware to user requirements. The course will also give you a detailed knowledge of the theory and practice of application development and support including the essentials of multimedia, hardware, software, operating systems and networking.

Who is the course for?

This computing course is ideal for those wishing to develop a career in the information technology sector. You will have the ability to act as a technical support person capable of independent problem-solving and teamwork approaches. It is also an ideal start for further studies.

Award and Progression

The Higher Certificate in Science in Computing is awarded by QQI at level 6 on the National Framework of Qualifications.

Upon successful completion students have a number of options open to them. They can progress to year 3 of the BSc (Hons) in Computing (level 8). The course also prepares students for industry-recognised certificates in leading technologies.

Entry Requirements

There are no specific academic requirements with applicants considered based on relevant work and other experience. Applicants under 21 will be assessed based on Leaving Certificate or equivalent.

Laptop Requirement

This programme has a BYOD (Bring Your Own Device) policy. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a laptop computer with a substantial hardware configuration. A suitable configuration is 8GB of RAM (16GB are recommended); a modern 64-bit x86 processor (Intel i5 or superior); 250+ GB of available space in hard disk; WiFi card; and a recent version of Ubuntu, macOS or Windows. It is the responsibility of the student to ensure their laptop is functioning correctly and that they have full administrator rights to the machine.

NCI IT does not provide support for personal devices. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Assessment

The course will be assessed with a blend of continuous assessments and/or project work and exams. Please note that in some instances on-campus exams may take place in the daytime, evenings and at weekends.



COURSE CONTENT

Year 1

Semester 1

- Discrete Mathematics
- Problem Solving and Programming
- Computational Thinking
- Operating Systems

Semester 2

- Computer Architecture
- Introduction to Programming
- Introduction to Data Modelling and Databases

Semester 3

- Web Design and Development
- Digital Multimedia
- The Computing Industry

Year 2

Semester 1

- Data Communications and Networking
- Object Oriented Programming
- Advanced Databases

Semester 2

- Software Engineering
- Software Quality and Testing
- Data Structures and Algorithms

Semester 3

- Web Application Development
- Innovation and Business Entrepreneurship
- Team Project



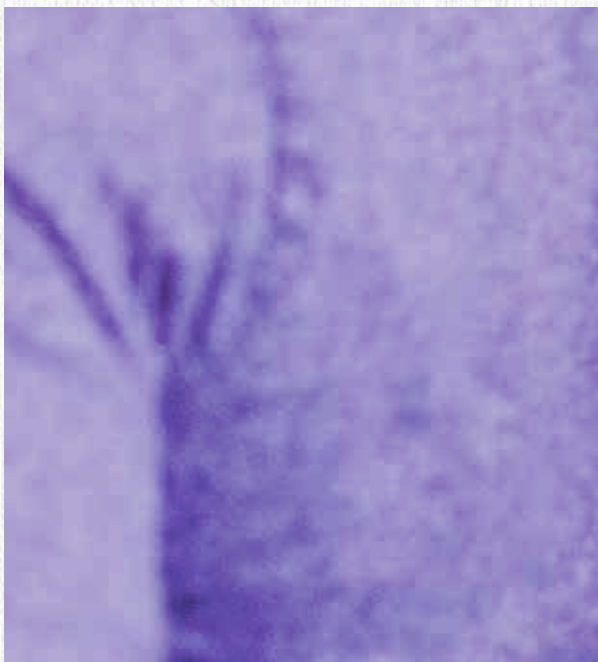
CENTRE FOR EDUCATION AND LIFELONG LEARNING

EDUCATION COURSES

POSTGRADUATE

Master of Arts in Educational Practice

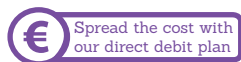
Postgraduate Diploma in Arts in Educational Practice
in Teaching for Further Education





MASTER OF ARTS IN EDUCATIONAL PRACTICE

FACTFILE



Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Duration

2 years

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance

Indicative Timetable

Year 1:

Tuesday and Thursday 18.30 - 21.30 and some Saturdays 09.30 - 13.30.

Year 2:

Sept - May: Tuesday and Thursday 18.30 - 21.30 and some Saturdays 09.30 - 13.30
May - Sept: The dissertation is submitted in semester 3.

Fees

Year 1: €4,990
Year 2: €3,400
Total fee: €8,390
(Fees revised annually)

Course Description

A key aim of the programme is to provide learners with a comprehensive knowledge of relevant educational scholarship in the area of teaching and learning, to support critical engagement with and the application of theoretical knowledge to practical learning contexts, to become competent and reflective educational practitioners, and to support engagement with current relevant research and the ability to ethically and appropriately carry out independent research. In addition to academic modules, learners also complete a work-based placement/practicum designed to build relevant sectoral and professional knowledge and enhance professional practice as educators.

The course is designed to develop understanding of theories and behaviours associated with learning and development, while also enhancing research and practical skills. The course focuses on developing self-awareness as well as the competence to facilitate the development of individuals in a range of contexts by, for example, the application of new technologies to instruction, the use of strategies to support learning, and the creation of valuable and effective assessments.

Throughout this course, learners will be encouraged to enquire, question and critique modern conceptions of how we learn and how we can bring about change in others. The course will include guest lecturers and a variety of participative instructional approaches. Learners will be expected to complete practical assignments and to build their skills as a learning professional.

In the second year of the programme, learners are expected to complete a research-based dissertation.

Who is the course for?

The Master of Arts in Educational Practice is for learning professionals who wish to develop their knowledge, skills and competence in the development of others. It proves particularly useful if you are: facilitating learning at higher or further education levels; a learning professional in corporate education and training settings; involved in adult and community education or if you are interested in your own lifelong learning.

Award and Progression

The Master of Arts in Educational Practice is awarded by QQI at level 9 on the National Framework of Qualifications. This award will allow transfer to level 9 research degrees and in some cases progression to doctoral study at level 10 on the NFQ.

Entry Requirements

Applicants holding an Honours Degree 2.2 (Level 8) in any discipline ideally with professional involvement in the facilitation of learning or training will be considered for the course. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme, which means that applicants who do not meet the normal academic requirements may be considered based on relevant work or other relevant experience. All applicants will be interviewed by the Programme Director or a member of the programme team.

Garda Vetting

Depending on where applicants are working, there may be a requirement for Garda Vetting. If Garda Vetting is required, the applicant will be informed by the Programme Director.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

Year 1

- Theories of Learning and Teaching
- Contemporary and Enduring Questions in Education
- Strategies of Learning and Teaching
- Educational Practice for Diversity and Inclusion
- Practicum in Educational Practice
- Coaching and Mentoring for Learning and Personal Development
- Technology Enhanced Learning
- Educational Assessment and Feedback

Year 2

- Contextual Studies
- Research with Qualitative and Quantitative Methods
- Dissertation



POSTGRADUATE DIPLOMA IN ARTS IN EDUCATIONAL PRACTICE IN TEACHING FOR FURTHER EDUCATION

FACTFILE



Spread the cost with
our direct debit plan.

Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024

Duration

1 year

Delivery

Blended – Livestream (online) classes with some campus classes and some in-person exams, scheduled in advance

Indicative Timetable

Tuesday and Thursday
18.30 - 21.30 livestream
and some Saturdays
09.30 - 13.30 on campus.

An additional and separate class group of this programme may be offered via the following schedule: Wednesday 14.00-17.00 on campus, Friday 14.00-17.00 livestream, and some Saturdays 09.30 - 13.30 on campus. This is subject to sufficient numbers.

Fees

€4,990 total fee
(Fees revised annually)

Who is the course for?

The Postgraduate Diploma in Arts in Educational Practice in Teaching for Further Education is specifically designed as an accredited further education teacher education qualification recognised by the Teaching Council of Ireland.

The course is suitable for those intending to pursue a career in teaching in the further education sector. Route 3 (Further Education) of the Teaching Council Regulations (2016) deals with teacher registration for the further education sector. This regulation includes a requirement, with effect from 01 April 2013, for applicants for registration to have attained, inter alia, a Council-approved further education teacher education qualification. Applicants should also consult the Teaching Council website for the complete set of requirements under Route 3.

Course Description

This course is specially designed and developed to meet the needs of learning professionals in the further education sector. In particular, the course addresses the needs of those educators requiring Teaching Council of Ireland accreditation for working in further education contexts. The Postgraduate Diploma in Educational Practice in Teaching for Further Education is an intensive evening programme with a requirement for extensive daytime placement practice, designed to provide the necessary knowledge, skills, and competencies to enhance your teaching in further education institutions. This course is focused on the development of your knowledge, skills and competence in educational theory, as well as your ability to apply this theory to pedagogic design and professional development. This course is delivered in the evenings to accommodate students' placement work.

The course focuses on developing self-awareness as well as the competence to facilitate the development of individuals in a range of further education contexts by, for example, the application of new technologies to instruction, the use of strategies to support learning, and the creation of valuable and effective assessments.

The course will use a variety of participative teaching approaches. You will be encouraged to enquire, question and critique modern conceptions of how we learn and how we can bring about learning in others.

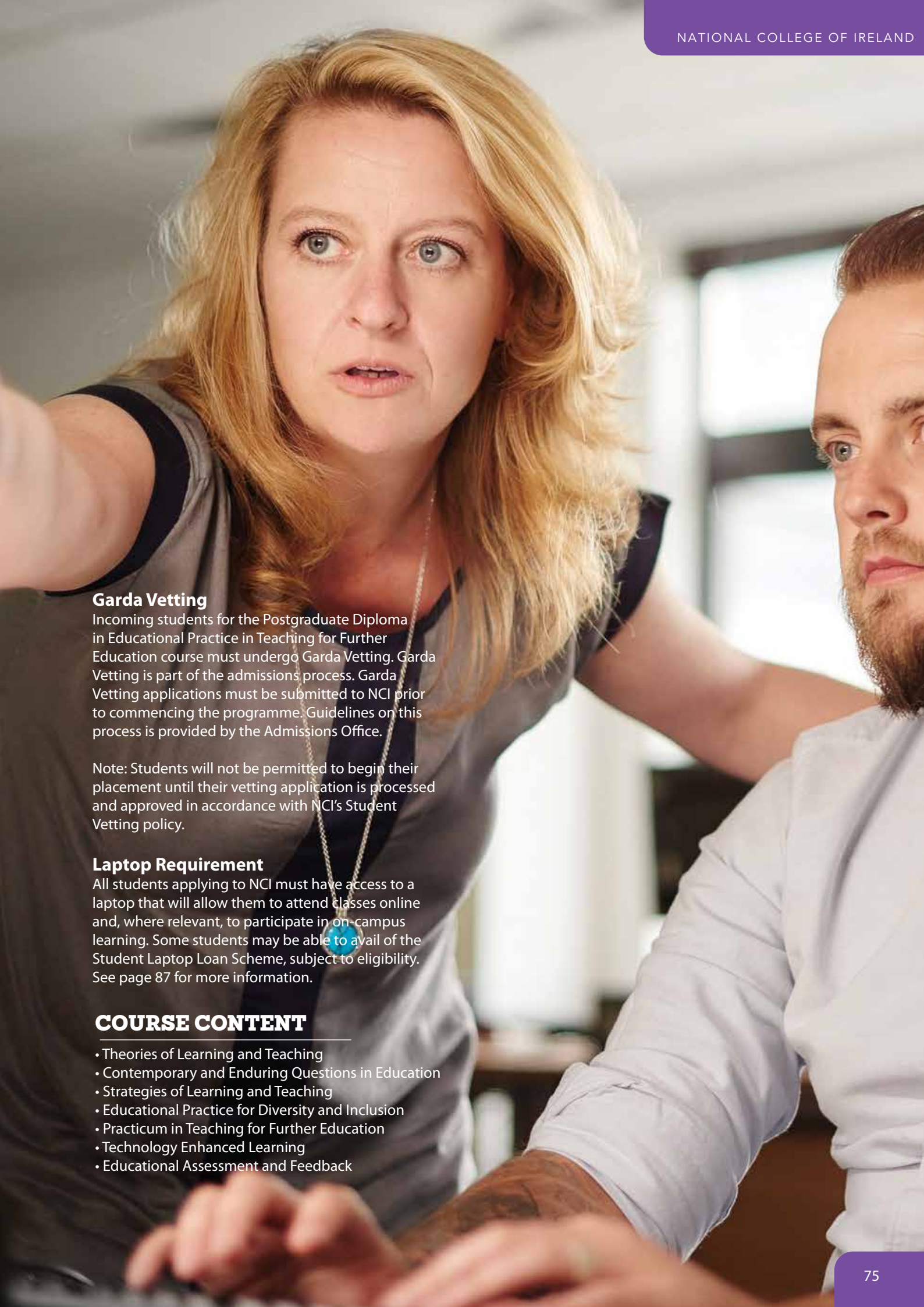
You will be expected to complete practical assignments and to build your skills as an educator, including undertaking a placement in host FE colleges or centres.

Award and Progression

The Postgraduate Diploma in Arts in Educational Practice in Teaching for Further Education is awarded by QQI at level 9 on the National Framework of Qualifications. Students will also receive a teacher education qualification accredited by the Teaching Council of Ireland and entry to the Register of Teachers in the further education sector in Ireland. You may also choose to undertake further study involving an additional 30 ECTS credits with modules on research skills and completion of a dissertation. On completion of this, you will receive the award of Master of Arts in Educational Practice featured on page 64.

Entry Requirements

Applicants holding an Honours Degree 2.2 (Level 8) in any discipline ideally with professional involvement in the facilitation of learning or training will be considered for the course. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme, which means that applicants who do not meet the normal academic requirements may be considered based on relevant work or other relevant experience. Applicants may be interviewed by the Programme Director or member of the programme team.



Garda Vetting

Incoming students for the Postgraduate Diploma in Educational Practice in Teaching for Further Education course must undergo Garda Vetting. Garda Vetting is part of the admissions process. Garda Vetting applications must be submitted to NCI prior to commencing the programme. Guidelines on this process is provided by the Admissions Office.

Note: Students will not be permitted to begin their placement until their vetting application is processed and approved in accordance with NCI's Student Vetting policy.

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- Theories of Learning and Teaching
- Contemporary and Enduring Questions in Education
- Strategies of Learning and Teaching
- Educational Practice for Diversity and Inclusion
- Practicum in Teaching for Further Education
- Technology Enhanced Learning
- Educational Assessment and Feedback

CENTRE FOR EDUCATION AND LIFELONG LEARNING

EDUCATION COURSES

UNDERGRADUATE

Bachelor of Arts (Hons) in Early Childhood Education and Care

Microcredentials in Early Childhood Education and Care

Certificate in Learning and Technology

Certificate in Technology-Enhanced Learning

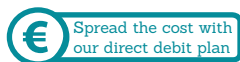
Microcredentials in Technology-Enhanced Learning





BACHELOR OF ARTS (HONS) IN EARLY CHILDHOOD EDUCATION AND CARE

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024

Duration

4 calendar years

Delivery

Blended - Livestream with some on campus classes

Indicative Timetable

Monday and Wednesday 18:00-21:30 livestream and some Saturdays 09.30 - 14.00 on campus.

In addition, students are required to be in supervised placement in Year 2 and Year 3. The schedule for supervised practice will depend on placement setting's schedules.

Fees

Year 1: €2,370
Year 2: €2,625
Year 3: €4,000
Year 4: €4,000
(Fees revised annually)

Course Description

The Bachelor of Arts (Honours) in Early Childhood Education and Care is a four-year programme, designed for people who are interested in pursuing opportunities or upskilling, in the Early Childhood Education and Care (ECEC) sector.

The aim of the BA (Hons) in Early Childhood Education and Care is to provide learners with a firm foundation in Early Childhood Education and Care so as to practice as Professional Early Childhood Educators in a range of ECEC environments. As such, the programme aims to present learners with a comprehensive foundation in the principles and pillars of professional practice of early childhood education and care in Ireland and internationally, underpinned by a solid theoretical framework.

The course incorporates core topics including holistic child learning and development, essential legislation and regulatory practices, early learning in a digital world, pedagogical practice in ECEC, working with parents and families, and in multi-professional contexts. It also includes aspects related to quality assurance. Students are encouraged to reflect, inquire and investigate a range of theoretical and practical pedagogical approaches to learning and development in ECEC. The final year Capstone Project enables students to develop skills in researching Early Childhood Practice. Students will be enabled as innovators and leaders in the ECEC sector.

Professional Recognition

This programme is approved by Qualifications Advisory Board (instituted to review Level 7 and Level 8 degree programmes for the Early Learning and Care sector) as meeting the requirements of the Professional Award Criteria and Guidelines standards.

The programme links in with the Nurturing Skills Workforce Plan 2022-28, which aims to professionalise Irish Early Childhood Education and Care, through a graduate led workforce. These changes are guided by 'First Five' - Whole of Government Strategy for Babies, Young Children and their Families (2019).

Supervised Professional Practice Placement

A strong emphasis on professional, value-based practice placement in diverse Early Childhood settings is included on the course from year one.

Year 1 students are required to go on organised field visits. Year 2 students' supervised placement will focus on observation and reflection in practice. In Year 3, students' supervised placement will focus on application of strategies in practice. In Year 4, students will have the opportunity to combine their knowledge, skills and practice in completing a capstone project.

Who is the course for?

This course is ideally suited to those currently working with babies, toddlers and young children from birth to six, who wish to upskill. You could be working in a pre-school, creche, Naionrai, or home-based setting as a child minder or home visitor.

The programme is also for those working in regulatory bodies such as TUSLA (the child and family support agency) and Better Start or other early childhood intervention programmes.

We encourage school leavers and mature learners returning to education to apply.

Career Prospects

Graduates will possess the skills and competencies to work as lead educators or supervisors, working directly with children, setting managers, advisory, mentorship, training and leadership roles. Further specialisation in play and digital competence can open up related careers in Play Therapy; and developing digital technology for ECEC (robotics, learning platforms, apps etc).



Award and Progression

The Bachelor of Arts (Honours) in Early Childhood Education and Care (240 credits) is awarded by QQI at NFQ Level 8 on the National Framework of Qualifications.

Students who successfully complete this course may progress to the Postgraduate Diploma in Educational Practice in Teaching for Further Education featured on page 72, or the Master of Arts in Educational Practice detailed on page 70.

The programme includes three related exit awards:

- BA (Ordinary) in Early Childhood Education and Care (Level 7 on NFQ) (180 credits)
- Higher Certificate in Early Childhood Education and Care (Level 6 on NFQ) (120 credits)
- Certificate in Early Childhood Education and Care (Level 6 on NFQ) (60 credits)

Students may exit after Year 3, Year 2 or Year 1 and receive the relevant awards.

Entry Requirements

The minimum entry requirements are a level 5 qualification in any discipline, ideally with professional involvement in the delivery of learning in Early Childhood Education and Care. Applicants may be interviewed by the Programme Director. Applicants may be interviewed by the Programme Director.

Applicants who do not meet the entry requirements outlined above may apply through Recognition of Prior Experiential Learning (RPEL) which considers applicants based on relevant work experience.

Garda Vetting

Incoming students on the BA(Hons) in Early Childhood Education and Care programme must undergo Garda Vetting. Garda Vetting is part of the admissions process. Garda Vetting applications must be submitted to NCI prior to commencing the programme. Guidelines on this process are provided by the Admissions Office.

Note: Students will not be permitted to begin their placement until their vetting application is processed and approved in accordance with NCI's Student Vetting policy.

Funding

The BA (Honours) in Early Childhood Education and Care is a four-year Honours Degree programme, approved by QQI for full-time delivery with 60 ECTS credits per academic year. The course meets the requirements as an approved full-time course under the Student Grant Scheme (SUSI).

Laptop Requirement

All students applying to NCI must have access to a laptop that will allow them to attend classes online and, where relevant, to participate in on-campus learning. Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.



COURSE CONTENT

Year 1

- Holistic Child Learning and Development
- Foundations of Early Childhood Education and Care
- Music, Movement, Art and Drama
- Academic Foundations and Scholarship
- Essential Legislation and Regulation in ECEC
- Child Health Nutrition and Wellbeing

*Field visits to diverse Early Childhood settings will be integrated within these theory modules

Year 2

- Core Pedagogies and Curriculum in ECEC
- Dispositions and Dynamics of Behaviour in Children
- Managing Your Learning and Academic Practice
- Diversity and Pluralism in Learning Language and Literacies
- Play and Creativity in ECEC
- Placement: Observation and Reflection in ECEC Practice

Year 3

- Quality Assurance in ECEC Environments
- Early Learning in a Digital World
- Inquiry Learning – Design and Evaluation of Curriculum in ECEC
- The Child Family and Society – Stakeholders in ECEC
- Leadership and Governance in ECEC Environments
- Placement: Application of Strategies in Learning Environments in ECEC Practice

Year 4

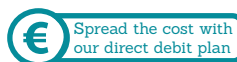
- ECEC Inquiry and Research Methods
- Social, Political and Cultural Contexts of ECEC
- Working in Multi Professional Contexts
- Personal and Professional Identity
- Capstone ECEC Practice-based Project

MICROCREDENTIALS IN EARLY CHILDHOOD EDUCATION AND CARE

These short, online courses cover one or two modules, allowing you to focus on one specific aspect of early childhood education while also providing a pathway to further qualifications in this area at NCI. The following microcredentials are currently available through our Centre for Education and Lifelong Learning. Learners who complete either of these courses may opt to progress on to NCI's BA Honours in Early Childhood Education and Care (pg 76).



FACTFILE



Application

Apply online at
www.ncirl.ie

Start Date

Jan 2025

Duration

12 weeks

Delivery

Blended - Livestream with some directed e-learning activities.

Indicative Timetable

These courses consist of 12 sessions with a blend of virtual classroom sessions and directed online activities. Classes take place on Tuesday and Thursday from 18:00-20:00.

Entry Requirements

Candidates will be Early Childhood Educators working in the Early Childhood Education and Care sector. Candidates will typically have a Certificate (major award) at level 5 or equivalent in any discipline. The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements will be considered based on relevant work and other experience.

Garda Vetting

Garda Vetting is part of the admissions process. Garda Vetting applications must be submitted to NCI prior to commencing the programme.

Programme offers will remain conditional until part 1 of the Garda Vetting process is completed.

Participation/Technology Requirements

Participants should have the ability to use ICT independently to find information, create and manage files, and communicate with others. For online sessions, participants will require administrator access to a personal computing device such as a laptop or desktop computer running Windows or MacOS (tablets are not appropriate) with a reliable internet connection of >1mbps, web browser software (i.e., internet Explorer, Firefox, Safari or Chrome), Flash Player, a headset with built-in microphone, and a webcam.

It is the responsibility of each student to ensure that their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

A Laptop Loan Scheme is available for eligible students to assist them in completing their chosen course. See page 87 for more information.

CERTIFICATE IN LEADERSHIP, GOVERNANCE AND CHANGE MANAGEMENT IN EARLY CHILDHOOD HOME VISITING (HOME BASED LEARNING)



Fees

€1,200 total fee (Fees revised annually)

COURSE DESCRIPTION

Over the course of this 12-week programme, you will develop knowledge, skills, and values, through the study of key topics incorporated throughout the programme. These include leadership theories and concepts, sociocultural theory, learning styles, preparing training and development, change and conflict management, and national early childhood frameworks and policy.

The aims and objectives of this microcredential is to support Home Visitors acquire the knowledge, skills, experiences and values to effectively lead professional practice. Coordinators will develop the skills and knowledge to support Home Visitors to become leaders and skilled in their role supporting parents to promote and scaffold their children's learning and development in home environments. This certificate will lead to a special purpose award at Level 7 (10 ECTS credits).

CERTIFICATE IN CURRICULUM AND PEDAGOGICAL PRACTICE FOR EARLY CHILDHOOD HOME VISITING (HOME BASED LEARNING)



Fees

€1,350 total fee (Fees revised annually)

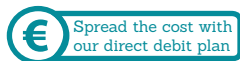
COURSE DESCRIPTION

Over the course of this part-time, blended learning programme, you will develop knowledge, skills and values, through the study of key topics incorporated throughout the programme. These include pedagogies and curricula, creativity and play, music, movement, art and drama, children's holistic learning and development, supporting transitions, well-being and parent/family involvement, and Irish early childhood frameworks.

The certificate is structured around three core competences of professional practice: knowledge, practices and values. Over the course of this 12-week learning programme you will experience strategies to support virtual parent-child engagement; trauma informed practice, and parents to support their children's holistic learning and development. The certificate introduces a range of curriculum and pedagogical practices appropriate to achieving a high-quality hybrid home visiting model that integrates remote, online, doorstep, couch/floor delivery (indoor, outdoor, and remote pedagogies). This certificate will lead to a special purpose award at Level 6 (20 ECTS credits).

CERTIFICATE IN LEARNING AND TECHNOLOGY

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024 / Jan 2025
May be offered at other times in the year subject to numbers.

Duration

12 weeks

Delivery

Blended - Livestream with some directed e-learning activities.

Indicative Timetable

This is an online programme, which consists of two full-day virtual sessions from 10.00-17.00, combined with four two-hour virtual (online) classroom sessions, and directed online activities. Virtual classes will take place from 16.00-18.00 on Tuesdays.

Fees

€1,200 total fee
(Fees revised annually)

Entry Requirements

Candidates will be learning professionals working in a further education and training setting or similar. Candidates will typically have a Certificate (major award) at level 5 or equivalent in any discipline. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements will be considered based on relevant work and other experience.

Participation/Technology Requirements

Participants should have the ability to use ICT independently to find information, create and manage files, and communicate with others. For online sessions, participants will require administrator access to a personal computing device such as a laptop or desktop computer running Windows or MacOS (tablets are not appropriate) with a reliable internet connection of >1mbps, web browser software (i.e. internet Explorer, Firefox, Safari or Chrome), Flash Player, a headset with built-in microphone, and a webcam.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

Course Description

Over the course of this 12-week, part-time blended learning programme you will:

- Explore a range of digital technologies to support and augment your practice. Examine theories, models and principles to guide your selection, use and evaluation of digital technologies and resources.
- Develop, implement, and evaluate a digital learning resource to enhance learning in your context and share it with fellow practitioners.
- Reflect on your professional practice in light of the possibilities afforded by new technologies in the sector, and identify goals and strategies for the ongoing development of your digital practice.

A central feature of the programme is the online learning environment, which combines live online lectures that you can participate in from your workplace or home, and directed activities that you complete at your own pace. The programme is highly practical, and will guide you through the stages of developing, implementing and evaluating a digital learning resource to support the achievement of learning goals in your practice context.

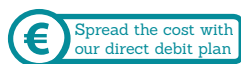
Award and Progression

The Certificate in Learning and Technology will lead to a special purpose award at Level 6 (10 ECTS credits) on the National Framework of Qualifications. Learners who successfully complete this course may opt to progress to the Certificate in Technology-Enhanced Learning programme.



CERTIFICATE IN TECHNOLOGY-ENHANCED LEARNING

FACTFILE



Spread the cost with
our direct debit plan

Application

Apply online at
www.ncirl.ie

Start Date

Sept 2024/Jan 2025
*May be offered at other
times in the year subject
to numbers.*

Duration

1 year

Delivery

Blended - Livestream with
some directed e-learning
activities.

Indicative Timetable

This is an online programme
with three modules. Each
module consists of two full-day
virtual sessions from 10.00-
17.00 at the beginning and end,
combined with four two-hour
virtual (online) classroom
sessions, and directed online
activities.

Virtual classes will take place
from 16.00-18.00 on Thursdays.

Fees

€1,900 total fee
(Fees revised annually)

Award and Progression

The Certificate in Technology-Enhanced Learning is awarded by QQI at level 7 (30 ECTS) on the National Framework of Qualifications. Students who successfully complete this course may progress to major award programmes at level 7 or 8 subject to appropriate RPEL and admissions processes.

Entry Requirements

Candidates will be learning professionals working in a further education and training setting or similar. Candidates will typically have a Certificate (major award) at Level 6 on the National Framework of Qualifications (or equivalent) in any discipline. The college operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning that applicants who do not meet the normal academic requirements will be considered based on relevant work and other experience.

Technology/Participation Requirements

Participants should have the ability to use ICT independently to find information, create and manage files, and communicate with others. For online sessions, participants will require administrator access to a personal computing device such as a laptop or desktop computer running Windows or MacOS (tablets are not appropriate) with a reliable internet connection of >1mbps, web browser software (i.e. internet Explorer, Firefox, Safari or Chrome), Flash Player, a headset with built-in microphone, and a webcam.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 87 for more information.

COURSE CONTENT

- Digital Capabilities and the Learner Experience (10 ECTS)
- Technologies in Teaching and Learning (10 ECTS)
- Technologies in Assessment, Feedback and Learning Support (10 ECTS)

All modules count towards the final award classification.

Course Description

Digital technologies are transforming how we live and work, and effective and appropriate use of technologies by learning professionals is central to developing learners' digital capabilities – the knowledge, skills and dispositions required to thrive in a digital society. This blended learning programme is designed to meet the professional development needs of learning professionals working in further education and training settings or similar in the area of technology-enhanced learning. The programme is highly practical and will guide you through a model of practitioner inquiry to complete three projects in which you systematically explore the effective use of digital technologies and develop strategies to enhance your practice. Over the course of the programme you will:

- Conduct an appraisal of the digital capabilities in your practice setting, and imagine future scenarios for facilitating learners' digital capabilities.
- Develop, implement and evaluate an instructional strategy to enable teaching and learning enhanced by technology in your practice.
- Investigate the use of digital tools to enhance an aspect of assessment, feedback and learning support practice in your context.

Who is the course for?

The Certificate in Technology-Enhanced Learning is ideally suited to learning professionals whom already have some experience of using digital technologies to enhance learning and wish to deepen and extend the range of their digital practices.

MICROCREDENTIALS IN TECHNOLOGY-ENHANCED LEARNING

These short, online courses cover one module, allowing you to focus on one specific aspect of technology-enhanced learning while also providing a pathway to further qualifications in this area at NCI. The following microcredentials are currently available through our Centre for Education and Lifelong Learning.

FACTFILE



Application

Apply online at www.ncirl.ie

Start Date

Sept 2024
May be offered at other times in the year subject to numbers.

Duration

12 weeks

Delivery

Blended - Livestream with some directed e-learning activities.

Indicative Timetable

These online courses consist of two full-day virtual sessions from 10.00-17.00, combined with four two-hour virtual classroom sessions, and directed online activities. Virtual classes will take place from 16.00-18.00 on Thursdays.

Fees

€1,200 total fee
(Fees revised annually)

Award

These certificates are awarded by QQI at level 7 (10 ECTS) on the National Framework of Qualifications.

Students who successfully complete one of these courses may progress to complete other programmes at level 7 or 8 subject to appropriate RPEL and admissions processes.

Entry Requirements

Candidates will be learning professionals working in a further education and training setting or similar. Candidates will typically have a Certificate (major award) at Level 6 on the National Framework of Qualifications (or equivalent) in any discipline.

For applicants whose first language is not English, please note the English language entry requirements.

The College operates a Recognition of Prior Experiential Learning (RPEL) scheme meaning applicants who do not meet the normal academic requirements will be considered based on relevant work and other experience.

Technology/Participation Requirements

Participants should have the ability to use ICT independently to find information, create and manage files, and communicate with others. For online sessions, participants will require administrator access to a personal computing device such as a laptop or desktop computer running Windows or MacOS (tablets are not appropriate) with a reliable internet connection of >1mbps, web browser software (i.e. internet Explorer, Firefox, Safari or Chrome), Flash Player, a headset with built-in microphone, and a webcam.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

A Laptop Loan Scheme is available for eligible students to assist them in completing their chosen course. See page 87 for more information.



CERTIFICATE IN TECHNOLOGIES IN TEACHING AND LEARNING



You will engage with current thinking on the integration of digital technologies and resources in teaching/instruction and learning, and in self-reflection on current practices. You will investigate a range of appropriate technologies and develop instructional strategies to enhance teaching/instruction and learning, as well as build on your own learners' digital capabilities. Following a practitioner inquiry model, you will develop the knowledge, skills and competence to systematically plan, implement and evaluate instructional strategies that integrate technology.

The programme aims to enhance your capability to extend professional practice goals through the use of digital technologies, and to develop strategies to facilitate technology-enhanced learning and teaching experiences.

The programme comprises of one module:

- Technologies in Teaching and Learning (10 ECTS).

CERTIFICATE IN DIGITAL CAPABILITIES AND THE LEARNER EXPERIENCE



You will engage with current thinking on the integration of digital technologies and resources in teaching/instruction and learning, and in self-reflection on current practices. You will investigate a range of appropriate technologies and develop instructional strategies to enhance teaching/instruction and learning, as well as build on your own learners' digital capabilities. Following a practitioner inquiry model, you will develop the knowledge, skills and competence to systematically plan, implement and evaluate instructional strategies that integrate technology.

The programme aims to enhance your capability to extend professional practice goals through the use of digital technologies, and to develop strategies to facilitate technology-enhanced learning and teaching experiences.

The programme comprises of one module:

- Digital Capabilities and the Learner Experience (10 ECTS)

CERTIFICATE IN TECHNOLOGY ENHANCED LEARNING AND DIGITAL LEARNING DESIGN.

You will engage with current thinking on the integration of digital technologies and resources in teaching/instruction and learning, and in self-reflection on current practices. You will investigate a range of appropriate technologies and develop instructional strategies to enhance teaching/instruction and learning, as well as build on your own learners' digital capabilities. Following a practitioner inquiry model, you will develop the knowledge, skills and competence to systematically plan, implement and evaluate instructional strategies that integrate technology.

The programme aims to enhance your capability to extend professional practice goals through the use of digital technologies, and to develop strategies to facilitate technology-enhanced learning and teaching experiences.

The programme comprises of one module:

- Technology Enhanced Learning and Digital Learning Design (10 ECTS).

CERTIFICATE IN TECHNOLOGIES IN ASSESSMENT, FEEDBACK AND LEARNING SUPPORT



In this online course you will engage with current thinking on effective assessment and feedback practices and their significance for teaching and learning. You will critically reflect on your current practices and explore the opportunities for enhancement by investigating a range of appropriate digital tools that can support learners and guide instruction at different stages of the assessment and feedback lifecycle.

You will also learn how to integrate accessibility and inclusion objectives in planning, implementation, and evaluation of instructional strategies in an online, bite-sized manner.

The programme comprises one module:

- Technologies in Assessment, Feedback and Learning Support (10 ECTS).



ADMISSIONS

ADMISSIONS

FACTFILE

Telephone: 1800 221 721
Web: www.ncirl.ie
Email: admissions@ncirl.ie

How you can apply to NCI

Complete the application form online through www.ncirl.ie. There is no fee for applying online.

An Apply Online option is available on the information page of all courses.

You are advised to submit your application in good time to avoid disappointment. If you plan to apply after the course has commenced, please contact Admissions to see if there are openings before submitting your application.

Where a course has recruited fully, applicants will be placed on a waiting list, if any available places arise applicants will be contacted on the basis of earliest offered.

Contacting Applicants

The College will contact you by email for all official correspondence regarding your application. It is important you submit a valid email address at the time of application. From time to time you may also be contacted by phone to follow up on your application, please ensure you submit a valid contact phone number at the time of application.

Course Commencement

Please note that all courses are offered subject to sufficient numbers of students.

Recognition of Prior Experiential Learning (RPEL)

National College of Ireland operates a scheme which grants formal recognition of knowledge or experience that has been gained from work, life or previous study.

Credit for prior experiential learning is intended for mature students who may not have had structured, formal education but who have learned from their involvement in employment, community activities, home duties, sport etc. This learning, when evaluated, might entitle them to credits or exemptions from a course of study. Such individuals might be in employment (including self-employed), unemployed, currently retired from employment or never have been in employment.

Examples include:

Credit for learning gained in employment

A person, as a result of experience gained in employment, might have achieved learning which can be equated to learning outcomes listed for subjects on an approved course. Broad examples of this might be:

- a salesperson who may have a thorough understanding of marketing techniques, book-keeping, etc.; credit/exemption might be possible on courses in the area of business studies or marketing.
- a person who has worked in a bank might be exempt from some of the learning outcomes on a course in banking or business studies.

Learning gained from voluntary / community activities Individuals may have been carrying out duties in associations, sporting organisations or charities, which might entitle them to exemptions from the learning outcomes on courses in politics, communications, etc.

Learning gained from experience working in the home Individuals, who have had substantial experience of managing a household and rearing children, may have gained learning in the area of budgeting, time management, interpersonal skills, etc. This might merit exemptions from learning outcomes on courses in business studies.

How to apply under RPEL:

Following submission of a standard online application form, the Admissions Office will supply those advised to apply through RPEL with an RPEL application form. Further information on how to apply under RPEL is available from the RPEL page www.ncirl.ie/Study.

Laptop Requirement:

National College of Ireland has implemented a Bring Your Own Device policy for all courses. Specifically, students are expected to successfully participate in lectures, laboratories and projects using a portable computer (laptop/notebook) with a substantial hardware configuration. The minimal suitable configuration is:

Processor:

- Intel 7th (or higher) generation processors (Core i-3, i-5, i-7, i-9-7x)
- or AMD Ryzen 3rd generation processors, running at 2.0GHz and above (Intel Atom/Celeron or AMD Athlon/Sempron Processors may cost less, but may not meet your requirements)

Random Access Memory (RAM): 8 GB minimum
 Solid State Drive (SSD) Capacity: 256 GB minimum

Wireless Card:

802.11 a/b/g/n compliant with Bluetooth Capability (incompatibilities have been noted with the Qualcomm Atheros Wireless Adapters and software device drivers).

Graphics Card: Direct X9 or later
 Supported Operating Systems: Windows 10 Home/Pro

Note: these are guidelines only. Certain courses, especially in computing at postgraduate level, may have specific device requirements outlined on the course page.

It is the responsibility of each student to ensure their computer is functioning correctly and that they have full administrator rights. NCI IT cannot provide support for these personal devices.

Student Laptop Loan Scheme

Some students may qualify for the Student Laptop Loan Scheme, which grants disadvantaged students the use of a laptop, supplied by the college, for the duration of their course. Further information is available at www.ncirl.ie/Laptop-Loan-Scheme.

Student Assistance Fund

Full- and part-time students who are experiencing financial difficulties may be eligible to apply to the Student Assistance Fund (SAF) for financial support. The SAF is co-funded by the Irish Government and European Social Fund Program for Employability, Inclusion and Learning (ESF+) 2021-2027.

For more information see the following link:
www.ncirl.ie/Study/Fees-and-Grants/Financial-Support/Student-Assistance-Fund

Email: SAF@ncirl.ie

Exemptions

Students may get exemptions from parts of NCI courses by virtue of courses already undertaken. Please ask for details on application. The process by which exemption(s) can be sought is:

Email the Admissions Office requesting the exemptions you seek along with:

1. The syllabus of the subject(s) you have already completed AND
2. Official transcripts of the result awarded in that/those subjects.

Applications for exemption(s) must be submitted by no later than 30th September, are restricted in number and are granted at the discretion of the course director. For further information on applying for exemptions please contact Admissions.

Disability, Learning or Health Difficulties

National College of Ireland is committed to providing equal access to education and equal opportunities for all students. The college encourages any students with disabilities, learning difficulties, significant ongoing illnesses and/or, mental health conditions to be open about their condition and to discuss their needs with the Learning and Disability Support Team. It is important that students contact the team early in the academic year to ensure that appropriate supports are provided.

To find out more please contact:
ldsupp@ncirl.ie



Deferred Entry

A student who has been offered and has accepted a place may defer acceptance for one year under certain circumstances deemed appropriate by the college. Applications for deferrals will not be considered after the end of the first semester, except in extenuating circumstances. Only a student who has accepted a place on their course and paid their deposit can defer until the next year. Someone who has been offered but has not accepted their place must reapply the following year. Deferrals are granted on a one-year basis.

Orientation

The orientation programme is the first step in helping students adjust to a new environment and provides a comprehensive overview of the supports and services available at the college. Orientation information to help new students as they commence their studies is available at www.ncirl.ie/NewStudents.

Fees Office

The Fees Office is responsible for the billing and collection of student fees and can be contacted at: (01) 4498 570 or by emailing: fees@ncirl.ie.

Fees Policy

The college requires payment of the course fee in order to register a student. For most part-time courses 50% of the course fee is payable before the course commences with the balance being payable before commencement of the second semester. On some courses of shorter duration 100% of the course fee is payable before the course starts.

International students wishing to apply for programmes contained in this prospectus should contact our International Office as a separate fee structure will apply (see page 88).

Spread the cost with our easy payment plan

You can choose to spread the cost of a course using our direct debit plan at no extra cost. In the easy payment plan 20% of the fee is payable before the commencement of the course with the remaining 80% being paid on a monthly basis by direct debit. The number of monthly payments depends on the duration of the programme. Please contact us for details.

Refunds

The college operates a strict policy of non-refund of deposit/fees except where the college is not in a position to comply with its obligations to the student.

Tax Relief for Tuition Fees

An individual can claim tax relief on fees paid for third-level courses in respect of any person as long as he or she has paid the qualifying fees.

Tax relief is available at the standard rate of income tax for qualifying tuition fees. Tax relief will be available on tuition fees only up to a maximum level. Relief will not be available for any part of the tuition fees which are met directly, or indirectly, by grants, scholarships, employer payments, etc.

The relief can be claimed as part of your annual tax return or a claim can be made during the tax year for that year once the fees have been paid. For information on whether your course qualifies for tax relief please contact the Fees Office.

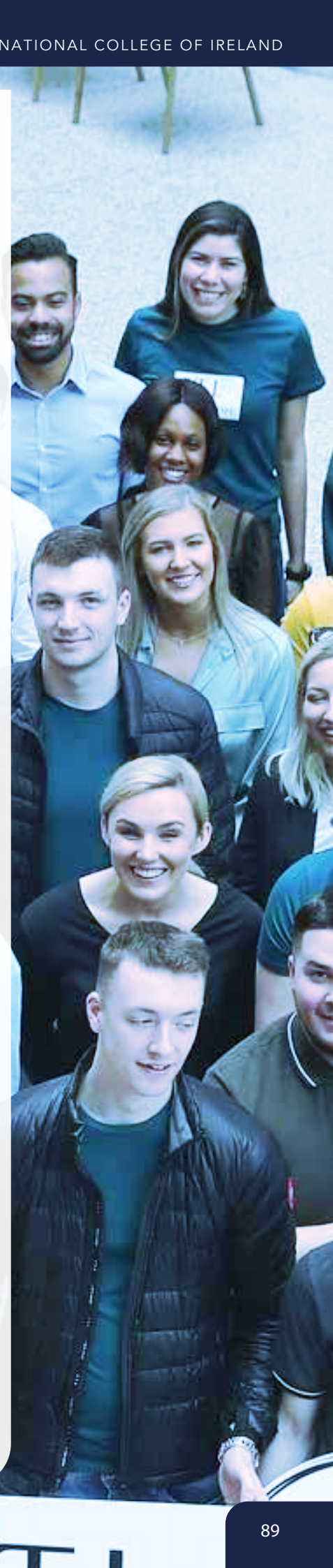
For further information please visit www.revenue.ie.

Exams

Please note all students are expected to attend exams in the morning, afternoon or evening, Monday to Saturday.

Scholarships & Discounts

NCI offers a range of scholarships and discount offers, a full list is available from the NCI website at ncirl.ie/scholarships.



INTERNATIONAL OFFICE

Even before you apply for your course here, you have an unrivalled support service ready to help you. You can talk to our international team about any aspect of studying and living here - from course choice to finding accommodation.

This support continues when you arrive, starting with our popular International Welcome Week for new students and continuing with comprehensive advice on any aspect of your time living in Dublin.

There's also help with developing your future career through the NCI Careers Team. Our experienced Career Advisors will develop the confidence, skills and appropriate work experience required to make appropriate career decisions throughout your life.

To learn more about the courses available to international students at NCI, visit www.ncirl.ie/international.

We have a team of experienced advisors based internationally and in Dublin to assist you in making the best decision for your future.

International Welcome Meetings

For international students, welcome meetings take place in the first week of each semester and are a key element to a successful experience at NCI.

Our international orientation includes:

- Airport pickup
- Campus tours
- City tours
- Registration and induction
- Social events

Advice on just about everything

During your studies our dedicated International team will help you with any questions or issues you have, from visas and immigration to health, travel and working entitlements.

Email: international@ncirl.ie

Language requirements and support

If English isn't your first language you will need to be able to demonstrate that you're able to speak, understand, read and also write it well enough to study here. For full details – including the range of English Language qualifications we accept – please refer to our International section. Visit www.ncirl.ie/international

All courses are taught and assessed through English. If you do not currently meet our English language requirements, we are happy to recommend English language schools in Dublin.

Note: a different fee structure applies for International Students, visit our website for more details.









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National College of Ireland
NATIONAL COLLEGE OF IRELAND
GRADUATION CEREMONIES
2022
#NCIGrad2022

Find out more at our information events.

Thu 16th May | 5-7pm | ONLINE

Wed 12th June | 5-7pm | CAMPUS

Thu 18th Jul | 5-7pm | ONLINE

Sat 24th Aug | 11am-1pm | CAMPUS

Wed 04th Sep | 5-7pm | CAMPUS

All QQI validated programmes of education and training of 3 months or longer duration are covered by arrangements under section 65 (4) of the Qualifications and Quality Assurance (Education and Training) Act 2012 whereby, in the event of the provider ceasing to provide the programme for any reason, enrolled learners may transfer to a similar programme at another provider or, in the event that this is not practicable, the fees most recently paid will be refunded.

Course information: 1800 221 721

Reception: (01) 4498500

Email: admissions@ncirl.ie

Web: www.ncirl.ie

We are located at:

Mayor St, IFSC,

Dublin 1,

D01 K6W2



National
College *of*
Ireland