NATIONAL COLLEGE OF IRELAND
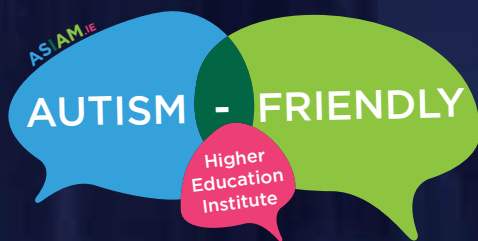
PROSPECTUS

2022–2023

National College *of* Ireland

POSTGRADUATE AND PART-TIME

AS I AM .ie
AUTISM - FRIENDLY
Higher
Education
Institute

Athena
SWAN
Bronze Award

GENDER CHARTER

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.

CONTENTS
SCHOOL OF BUSINESS

POSTGRADUATE

UNDERGRADUATE

CONTENTS
SCHOOL OF COMPUTING

PRESIDENT'S
WELCOME

At National College of Ireland (NCI), providing the skills and life-long learning to those studying part-time has been central to our mission to 'change lives through education'.

At NCI, we are delighted to welcome those who are inspired to upskill, those taking on higher education for the first time, those with ambition to move to a new or first career, and those who are in partnership with their employers to acquire specialised knowledge. If you value being at the cutting edge of your chosen discipline, NCI is the place for you!

Drawing on our 70-year history in higher education, I can safely say we are expert in part-time education. Our programmes are designed to bring you successfully to your desired qualification within a timetable you can manage, taking into account your commitments of work and life.

In addition to academic and teaching excellence, NCI's lecturers share their industry knowledge, and our student support team provide learning supports, guidance and advice, and career development.

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

This prospectus outlines our many programmes in Business, Computing, Education and Psychology. I recommend that you take advantage of our Open Evenings (detailed on our website, www.ncirl.ie) to speak directly to our academic team to help you choose the right course for you. Our Admissions team is also available at admissions@ncirl.ie to respond to any enquiries.

You can trust that choosing an NCI education will be rewarded with academic rigour, industry networks, a powerful sense of community and every support for your personal success.

I look forward to welcoming you to National College of Ireland,

Gina Quin
President
National College of Ireland

COURSE DELIVERY
for 2022/23

The majority of NCI's part-time programmes featured in this prospectus will be delivered in a blended format for 2022/23.

In most programmes this will mean the majority of the programme content will be delivered online but with some on-campus sessions. This will vary with the programme, but the breakdown of your course will be communicated to you in advance, and you will be able to plan for any required campus elements.

Across courses the following delivery methods may be employed:

Campus – The learning event (lecture, tutorial, laboratory, or seminar) takes place face to face on campus.
Livestream – The learning event takes place online.
Campus-stream – The learning event takes place face to face on campus and is simultaneously streamed online.
Directed e-learning – There are specified tasks to be carried out by students during a designated time interval (such as viewing a video, taking a quiz)

How these elements are broken down for each course will be available on the course pages on ncirl.ie.

In some instances, recorded lectures may also be available.

Bring Your Own Device
Given the amount of online content in these programmes 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 77.

SCHOOL OF
BUSINESS

Master of Business Administration (MBA)

MSc in Management

MSc in International Business

MSc in Entrepreneurship

MSc in Marketing

MSc in Finance

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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Indicative Schedule
Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

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, management organisation, people management, strategy, management of financial resources, and economics for managers. You will be able to choose from a wide range of electives specialising in areas such as marketing and international business, human resource management, and information technology. There will be the opportunity to participate in an exciting enterprise management simulation game in your final semester.

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. As part of the programme, each student will be afforded an opportunity to work with a personal coach to develop a plan for their professional development both during and after the end of the course to maximise the direct benefits of completing a programme such as an MBA.

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 77 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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
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)

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

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 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 77 for more information.

COURSE CONTENT

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 Social Responsibility and Business Ethics
. 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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
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)

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

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

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 to success. An understanding of the international environment in which 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 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 77 for more information.

COURSE CONTENT

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

. 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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
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)

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

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 a critical insight into the culture of the entrepreneurial firm and the culture of the individuals who build and create such enterprises.

The course will allow you to develop an advanced understanding of the management function across a broad range of business disciplines including enterprise, innovation management, technology, strategy, 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 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 77 for more information.

COURSE CONTENT

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

. 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 Social Responsibility and Business Ethics
. 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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

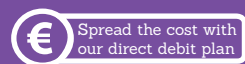### Part-time Schedule

Indicative Schedule
Monday and Wednesday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
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)

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

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. In addition, you will learn how to apply the latest marketing theory and practice in an increasingly complex digital marketing environment.

The programme comprises a carefully selected range of both contemporary and fundamental marketing topics such as: integrated marketing communications, brand management, postmodern marketing and digital marketing strategy, and thus caters for multinational organisations, indigenous SME initiatives and entrepreneurial enterprises. The ethos of this programme is to work in tandem with industry, ensuring that graduates are competent, well-versed marketers, possessing the up-to-date knowledge and application skills necessary to develop and drive successful commercial (and non-commercial) enterprises. The programme offers students real insight and experience into how to plan and execute marketing campaigns and strategies in actual organisations, 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 non-graduates 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 77 for more information.

COURSE CONTENT

In the part-time schedule in year 1, students undertake five core modules plus one elective in semester 2. In year 2, a further three core modules along with one elective are undertaken. 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
• Marketing in the 21st Century
• Digital Marketing Strategy
• The Contemporary Consumer
• Integrated Marketing Communications
   in a Digital Age
• Services Marketing
• Market Research
• Innovation, Creativity and Entrepreneurship
• Marketing Metrics and Accountability
• Brand Management
• Research Methods
• Dissertation

Elective Modules
• Strategic Social Media Marketing and Public
   Relations
• Marketing Insights and Customer Relationship
   Management
• The Social Conscience of the Consumer
• Postmodern Marketing
• Management of Innovation and Technology
• Selling to the Modern Customer
• Strategic Project Management

Availability of elective choices is subject to student numbers. The course content as shown 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.

"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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Tuesday and Thursday evenings 18.00 - 22.00 and some Saturdays

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

Duration
2 years taught - 2 semesters each (Sep-Dec and Jan-May)
2 additional modules (May-Aug) or a final Dissertation (due in August)

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
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)

Duration
September Starts
1 year taught - 2 semesters (Sep-Dec and Jan-May)
2 additional modules (May-Aug) or a final 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

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

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

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 NFQ.

Entry Requirements
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 77 for more information.

COURSE CONTENT

• Financial Statement Analysis
• Quantitative Methods in Finance
• Asset Valuation
• Capstone Seminar Series
• Ethics and Governance
• Corporate Finance
• Fundamentals of Financial Econometrics
• Applied Security Analysis
• Derivatives and Risk Management
• Portfolio Management
• Financial Regulation
• Financial and Quantitative Modelling
   OR
• Dissertation

Note that all modules count towards the final award classification.

In accordance with our quality assurance processes this course is undergoing a programmatic review. This may result in some changes to the content of this course in September 2022.

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

Student Profile
Darren Freemantle
Finance Graduate

MASTER OF ARTS IN
HUMAN RESOURCE MANAGEMENT (CIPD)

FACTFILE

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Tuesday and Thursday evenings 18.00 - 22.00 and some Saturdays

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

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

€ Spread the cost with our direct debit plan

Full-time Schedule

Indicative Schedule
Students need to be available 09.00-21.00 Monday - Friday (Class days and times vary)

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

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 77 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
• Strategic Reward (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.

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.

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 July)

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

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Tuesday and Thursday 18.00 - 21.00 plus some Saturday workshops

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

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

€ Spread the cost with our direct debit plan

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 77 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 July)

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
• Investigating a Business Issue (10 credits)
• Strategic Reward (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 wishing to exit with a Postgraduate Diploma in HRM with no intention of progressing to complete the MA in HRM award, should choose the Investigating a Business Issue to fulfil CIPD requirements.

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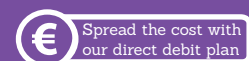
Note that all modules count towards the final award classification.

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

MICROCREDENTIALS IN
BUSINESS

FACTFILE

€ Spread the cost with our direct debit plan

Schedule

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

Application
Apply online at www.ncirl.ie

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

Start Date
Throughout the year, see www.ncirl.ie for more

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 77 for more information.

CERTIFICATE IN
SCIENCE OF 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.

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

CERTIFICATE IN
SUSTAINABLE BUSINESS LEADERSHIP

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.

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

CERTIFICATE IN
BUSINESS INTELLIGENCE

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.

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

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 Human Resource Management (People Management)

CIPD Diploma in Organisational Learning & Development

Certificate in Business Analysis

Leaders for Change Certificate in Non-Profit Leadership and Management

BACHELOR OF ARTS (HONS) IN
PSYCHOLOGY

FACTFILE

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Two evenings per week and some Saturday workshops in year 4

Fees
€4,200 per annum
(Fees revised annually)

Duration
4 years; 2 semesters of 13 weeks each per year

€ Spread the cost with our direct debit plan

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 a number of clinical and psychological settings, or alternatively in business areas such as marketing, management and human resources, in 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. Studying psychology will take you through some of the darker and dazzling aspects of 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 open up a range of careers then this course will be tremendously rewarding and valuable.

Who is the course for?
The course will appeal to students who are curious about the human mind and who wish to work in a variety of related fields.

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.

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 77 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
• Applied Introduction and History of Psychology
• Introduction to Research Methods
• Social Psychology
• Lifespan Development

Year 2
• Cognitive Psychology
• Introduction to Statistics
• Personality and Individual Differences
• Biological Bases of Behaviour

Year 3
• Applied Statistics
• Coaching Psychology
• Psychology of Learning and Behaviour Analysis
• Applied Research Methods
• Psychology Labs

Year 4
• Clinical Psychology
• Health Psychology
• Final Project

Students also complete 4 elective modules
Elective modules include:
   - Criminal Psychology
   - Workplace Psychology
   - Cyberpsychology
   - Applied Developmental Psychology
   - Psychology of Thinking
   - Evolutionary Psychology
   - Contemporary Neuroscience

BACHELOR OF ARTS (HONS) IN
BUSINESS MANAGEMENT *Complete your degree in 2 years*

FACTFILE

Delivery
Blended (Online with some face-to-face classes). See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Two evenings per week plus some Saturdays 09.00 -17.00

Duration
Three stages over 2 years

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

€ Spread the cost with our direct debit plan

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

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 2022
Break

Block Two
Mid-January to mid-late April 2023
Break

Stage 2
Block Three
Mid-May to end of July 2023/beginning of August Break

Block Four
Mid-September to mid-December 2023
Break

Stage 3
Block Five
Mid-January to end-April 2024
Break

Block Six
May to August 2024

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.

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.

COURSE CONTENT

Stage 1
• Business Management Practice
• Leadership and Influencing
• Working with People
• Introduction to Statistics
• Aspects of Business Law
• Financial Accounting
• Economics of the World

Stage 2
• Marketing
• Business Economics
• Employment Law
• Management Accounting
• Entrepreneurship
• Technology for Business
• HRM in the Business Framework

Stage 3
• Distribution and Channel Management
• Managing Productivity
• Strategic Management
• Business Statistics and Analytics for Decision Making
• Change Management
• Economic and Social Policy
• Operations Planning and Design

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.

In accordance with our quality assurance processes this course is undergoing a programmatic review. This may result in some changes to the content of this course in September 2022.

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.

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.

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.

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.

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 77 for more information.

BACHELOR OF ARTS (HONS) IN
HUMAN RESOURCE MANAGEMENT
STRATEGY AND PRACTICE (CIPD) *Complete your degree in 2 years*

FACTFILE

Delivery
Blended (Online with some face-to-face classes). Evening weekdays online and Saturdays on campus. See page 4 for more information.

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Two evenings per week (6-10pm plus some Saturdays 09.00 -18.00 approximately 1 Saturday per month

Duration
Three stages over 2 years

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

€ Spread the cost with our direct debit plan

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 an in-depth knowledge 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 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.

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 2022
Break

Block Two
Mid-January to mid-late April 2023
Break

Stage 2
Block Three
Mid-May to early August 2023
Break

Block Four
Mid-September to mid-December 2023
Break

Stage 3
Block Five
Mid-January to mid-April 2024
Break

Block Six
May to August 2024

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.

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.

COURSE CONTENT

Stage 1
• Academic Writing
• HR Professional Practice
• Resourcing and Talent Planning
• Employment Law
• HRM in the Corporate Framework
• Reward Management
• Employee Relations
   – An Introduction

Stage 2
• Finance & Accounting
   for the HR Professional
• Management Theory and Practice
• Organisational Behaviour
• Diversity Management
• 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 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.

Note that applicants with a CIPD Diploma in People Management (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, you can apply by showing evidence of prior learning based on your employment 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 77 for more information.

CIPD DIPLOMA IN
HUMAN RESOURCE MANAGEMENT
(PEOPLE MANAGEMENT)

FACTFILE

Delivery
This programme is offered in Blended, On-Campus and Fully Online modes. The Fully Online mode uses a live, online classroom. This mode is ideal for people who would find travel to Dublin difficult.

Blended mode consists of evening sessions via an online classroom and Saturday workshops in the college.

Good broadband is required, plus a laptop/PC with a headset and microphone.

With the on-campus mode, all classes are held in our IFSC campus, conditions permitting. See page 4 for more information.

Application
Apply online at
www.ncirl.ie

Start Date
Sept 2022 and Jan 2023

Part-time Schedule

Indicative Schedule
Blended Schedule:
2 evenings a week 18.30 - 22.00 plus occasional Saturdays 09.30 – 17.30.

Fully Online Schedule:
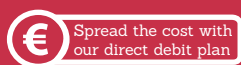2 evenings a week 18.30 - 22.00 plus occasional Saturdays 09.30 – 17.30.

On-Campus Schedule:
Block Release - Seven blocks (1 per month approximately) plus occasional exam days. Each block consists of Thurs/Fri/Sat from 09.30-17.30

Duration
1 academic year

Fees
€3,670
(Fees revised annually)

€ Spread the cost with our direct debit plan

Upon successful completion of the Diploma, 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 HR professionals

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.

Award
Graduates will receive a CIPD Diploma in People Management. This qualification is equivalent to Level 7 on the National Framework of Qualifications (Level 5 UK).

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) must be paid directly to CIPD at the start of the course.

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 77 for more information.

Course Description
NCI is the country's largest provider of CIPD graduates in human resources. The course takes place over one academic year and is delivered by lecturers with extensive, practical experience in human resource management. The Diploma covers Employment Law, Reward, Organisational Performance & Culture and Talent Management. The programme has been completely revised and is in line with the new CIPD Profession Map.

An innovative assessment structure is in place 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, projects and presentations.

Course Content
• Employment Law
• Reward for Performance
• Talent Management and Workforce Planning
• Organisational Performance and Culture in Practice
• Employment Relationship Management
• Evidence-Based Practice
• Professional Behaviours and Valuing People

CIPD DIPLOMA IN
ORGANISATIONAL LEARNING
& DEVELOPMENT

FACTFILE

Delivery
This programme is offered in Blended format with evening classes taking place in our live, virtual classroom and Saturday workshops at our IFSC campus (guidelines permitting). Good broadband is required, plus a laptop/PC with a headset and microphone.

Application
Apply online at
www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
IFSC: One evening per week 18.30 - 22.00 plus two Saturdays a month from 09.30 - 17.30 from Sept – May.

Duration
1 academic year

Fees
€3,670
(Fees revised annually)

€ Spread the cost with our direct debit plan

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 and 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

Upon successful completion of the Diploma, 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.

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.

Award
Graduates will receive a CIPD Diploma in Organisational Learning & Development. This qualification is equivalent to Level 7 on the National Framework of Qualifications (Level 5 UK). 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) must be paid directly to CIPD at the start of the course.

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 77 for more information.

Course Content
• Learning and Development design
• Facilitation of Learning
• Self-Directed and Social Learning
• Digital Learning and Development
• Organisational Performance and Culture in Practice
• Evidence-Based Practice
• Professional Behaviours and Valuing People

CERTIFICATE IN
BUSINESS ANALYSIS

FACTFILE

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

Application
Apply online at www.ncirl.ie

Start Date
September 2022, October 2022, January 2023, April 2023

Part-time Schedule

Indicative Schedule
Two days per month; Thursday and Friday 09.00 - 17.00

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

Duration
6 months

€ Spread the cost with our direct debit plan

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 by the Business Analysts Association of Ireland. 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 77 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 IN
NON-PROFIT LEADERSHIP AND MANAGEMENT

Special Purpose Award

Level 9 (15 ECTS Credits)

FACTFILE

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

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
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.

Duration
One semester

Fees
€1,575
(Fees revised annually)

€ Spread the cost with our direct debit plan

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 77 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 Fintech

MSc in Artificial Intelligence

Higher Diploma in Science in Fintech

Higher Diploma in Science in Computing

Higher Diploma in Science in Data Analytics

MASTER OF SCIENCE IN
CLOUD COMPUTING

FACTFILE

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information.

Application
Apply online at www.ncirl.ie

Part-time Schedule

Indicative Schedule
Two evenings per week
18.00 - 22.00
and some Saturdays

Start Date
Sept 2022

Duration
2 years; 4 semesters with a final research project.

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

Full-time Schedule

Indicative Schedule
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)

Duration
1 year; 2 semesters with a final research project

€ Spread the cost with our direct debit plan

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. Having also considered global industry trends, it includes electives in innovation, quantum computing, blockchain, and machine learning.

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 16GB of RAM (32GB are recommended); a modern 64-bit multi-core processor (Intel i7, Apple M1, 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.
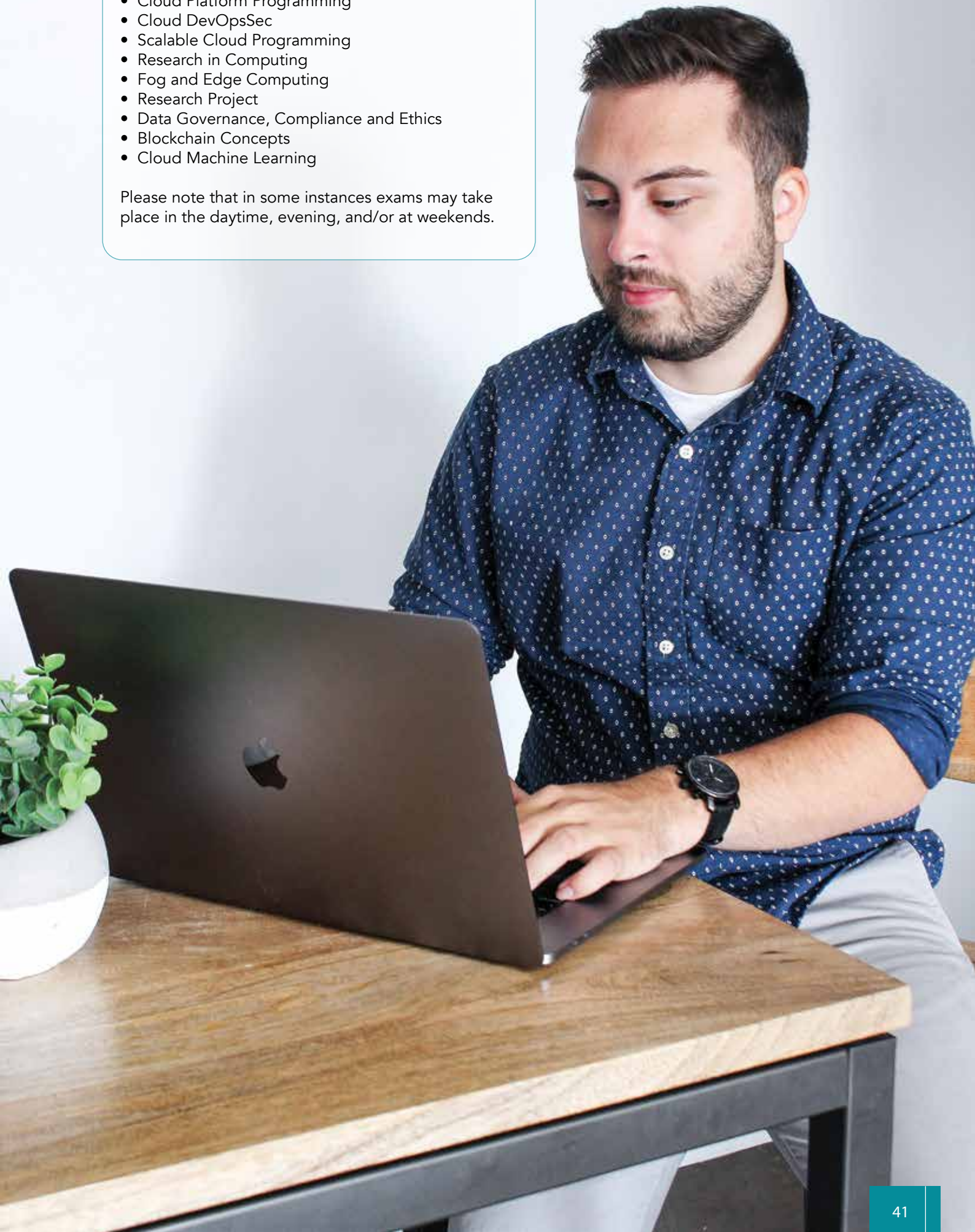
Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 77 for more information.

COURSE CONTENT YEAR 1 - 2

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

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

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Part-time Schedule

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

Duration
2 years; 4 semesters with a final research project

Start Date
Sept 2022

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

Full-time Schedule

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

Duration
1 year; 2 semesters with a final research project

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

€ Spread the cost with our direct debit plan

Course Description

This computing course aims to produce high-quality, technically competent, innovative graduates that will become leading practitioners in the field of data analytics.

Upon completion of this course, graduates will be able to:
- Conduct 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 of data analysis, statistics, and the tools, techniques and technologies of data analytics utilised in both technical and business contexts.
- Critically assess and evaluate business and technical strategies for data analytics.
- Develop and implement effective business and technical solutions for data analytics.
- Critically appreciate ethical and data governance issues relevant to data analytics.

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

All students will also gain exposure to pertinent legal issues and product commercialisation considerations associated with the data analytics field. 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 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 6.5 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 77 for more information.

COURSE CONTENT YEAR 1 - 2

Core Modules
- Statistics for Data Analytics
- Database and Analytics Programming
- Data Mining and Machine Learning I
- Data Mining and Machine Learning II
- Modelling, Simulation and Optimization
- Research in Computing
- Data Governance in Ethics
- Research Project

In addition, there is a choice of two electives (one in Year 1 Semester 2 and one in Year 2 Semester 1)

Elective Choices
Year 1 Elective Choices
- *Business Intelligence and Business Analytics*
- *Data Intensive Architectures*

Year 2 Elective Choices
- Domain Applications for Predictive Analytics
- Scalable Systems Programming

There are dependencies between electives modules. The first elective module choice will dictate the choice of the second elective module. For the current suite of electives dependencies are:
- Business Intelligence and Business Analytics -> Domain Applications for Predictive Analytics
- Data Intensive Architectures -> Scalable Systems Programming.

Elective modules are subject to availability.

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

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Part-time Schedule

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

Duration
2 years; 4 semesters

Start Date
Sept 2022

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

Full-time Schedule

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

Duration
1 year; 2 semesters with a final internship

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

€ Spread the cost with our direct debit plan

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

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 research skills of the most important technical concepts of cybersecurity and how they are applied in emerging areas such as device security and forensics.

The course is technical and practical in nature, uniquely embedded in industry, and develops in-depth expertise of core technical topics within the area of cybersecurity such as information security, secure programming, network security, penetration testing, malware analysis, IT law and ethics, and technologies and tools that support application and service vulnerability detection, incident detection, data and log retrieval and analysis. The course also provides a sharper focus into forensics and cloud security through the two specialisations that are offered to the learners.

Who is the course for?

This course is ideal for ICT professionals or graduates with an honours degree in computing/computer science or in a cognate area (STEM) that 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:
- Conduct independent research and analysis in the cybersecurity domain including secure application design, development and testing within a given context, e.g.; web, cloud computing, and forensic investigation.
- Demonstrate practical skills and expert knowledge of technologies and tools that support cryptanalysis, application and service vulnerability detection and patching, security incidents detection and log file analysis.
- Critically evaluate the design and implementation and evaluation of a research idea.
- Analyse and evaluate the legal, ethical and economic ramifications of developing secure applications and services.
- Communicate effectively to a range of audiences in both written and verbal media and undertake self-learning in order to acquire new knowledge.

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

This field has the fastest growth rate when compared with the rest of technology jobs. The top 5 worldwide companies in this field are located in Ireland. Considering the high demand of various types of jobs in the cybersecurity domain that currently exist in the market, graduates from this course may work in the following roles: information security analyst, secure application developer, cybersecurity tester, risk advisory on information security and forensics, cloud security analyst, 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. 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.

Course Structure
The course offers two specialisations: Forensics and Cloud Security. Students must select one specialisation.

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 77 for more information.

COURSE CONTENT

Core Modules
• Security Fundamentals
• Secure Programming for Web
• Network Security and Penetration Testing
• IT Law and Ethics
• Research in Computing
• Cryptography
• Secure Programming for Application Development
• Malware Analysis
• Research Methods
• Internship

Forensics Specialisation
• Incident Response and Analytics
• Forensics and eDiscovery

Cloud Security Specialisation
• Cloud Security

MASTER OF SCIENCE IN
FINTECH

F A C T F I L E

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Two evenings per week 18.00 - 22.00 and some Saturdays.

Please note that exams can be scheduled during the morning, afternoon, or evening Monday to Saturday.

Duration
2 years; 4 semesters with a final research project.

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

Full-time Schedule

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

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

Duration
1 year; 2 semesters with a final research project.

€ Spread the cost with our direct debit plan

In accordance with our quality assurance processes, we conduct a full programmatic review of all our courses every 5 years. This current review may result in some changes to the content of this course starting in September 2022.

Course Description
Finance is a highly regulated industry that resists disruption and change. However, information technology innovations and computing resources availability have revolutionised the financial sector in the last decades. Data analytics, new technologies (e.g., blockchain) and business models (e.g., crowdfunding), and the modernisation of the financial sector regulations are creating opportunities to the emergence of disruptive services and challenger institutions.

This course provides learners with the latest knowledge and competencies at the intersection of finance and technology, allowing them to exploit opportunities in this rapidly evolving area. 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 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.
Learners on the programme will gain in-depth knowledge and skills in the core topics of fintech including:

• Financial Markets and Financial Services Regulation
• Financial Data Analysis
• Blockchain Technologies
• Governance, Compliance, and Information Assurance
• Cybersecurity and IT Auditing
• Data Analysis and Visualisation
• Entrepreneurship in fintech including organisational models and culture

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.

According to a recent Graduate Outcomes Survey – Class of 2018 released on June 2020 by the Higher Education Authority; ICT graduates receive the highest earnings nine months after graduating compared to the overall younger graduate average based on the analysis of the destinations of students who graduated in 2018.

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 6.5 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 77 for more information. and Cloud Security.

COURSE CONTENT

Core Modules
- Data Analytics
- Data Governance and Compliance
- Financial Markets
- Information Assurance and Cybersecurity
- Blockchain Technologies
- Contemporary Topics in Fintech
- Financial Analytics
- Entrepreneurship in Fintech
- Industry Based Research Project
- Research Project

Electives
- Crowd Markets
- Digital Forensics and Auditing

MASTER OF SCIENCE IN
ARTIFICIAL INTELLIGENCE

FACTFILE

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Jan 2023

Full-time Schedule

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

Fees
€6,800 total fee
(Fees revised annually)

Duration
1 year; 2 semesters with a final research project.

€ Spread the cost with our direct debit plan

Note: currently this programme is scheduled for full-time delivery in January 2023. For information on part-time, please see www.ncirl.ie.

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

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 Engineering) 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 6.5 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 77 for more information.

COURSE CONTENT

Core Modules
Semester 1:
• Data Governance and Ethics
• Foundations of Artificial Intelligence
• Programming for Artificial Intelligence

Semester 2:
• Engineering and Evaluating Artificial Intelligence Systems
• Intelligent Agents and Process Automation
• Data Analytics for Artificial Intelligence

Semester 3:
• Emergent Artificial IntelligenceTechnologies and Sustainability
• Machine Learning
• Artificial Intelligence Driven Decision Making

HIGHER DIPLOMA IN SCIENCE IN
FINTECH

FACTFILE

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule

Indicative Schedule
Three evenings per week 18.00 - 22.00 and a number of Saturdays 09.00 - 18.00

Fees
€4,725
(Fees revised annually)

€ Spread the cost with our direct debit plan

Duration
This course is 3 semesters delivered over 1 calendar year

Course Description
Finance is a highly regulated industry dominated by banks that resist disruption and change. However, information technology innovations and computing resources availability have revolutionised the financial sector in the last decades. Data analytics, new technologies (e.g., blockchain) and business models (e.g., crowdfunding), and the modernisation of the financial sector regulations are creating opportunities to the emergence of disruptive services and challenger institutions.

This course provides learners with the latest knowledge and competencies at the intersection of finance and information technology, qualifying them to enter the rapidly evolving area that is fintech.

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.

Career Prospects
Fintech is an area of rapid growth and significant job opportunity at the intersection of finance and information technology. This programme gives learners the knowledge, skills, and a recognised qualification to avail of these opportunities. This course has been designed in consultation with industry to provide graduates with relevant skills that qualifies learners for roles such as junior business analyst, junior data analyst, junior financial analyst, quantitative first and second tier support engineer, junior blockchain software developer, assistant digital forensic accountant, assistant financial auditor.

Award and Progression
Higher Diploma in Fintech as awarded by QQI at level 8 on the National Framework of Qualifications. Graduates can progress onto the MSc in Fintech at National College of Ireland.

Entry Requirements
A level 8 degree (2.2 award) or its equivalent in any discipline. Non-standard applications to the programme will also be considered on an individual basis by the programme board. 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 entry requirements, may be considered based on relevant work or other experience. This may be assessed through an interview and assessment. Non-English-speaking applicants must demonstrate fluency in the English language as demonstrated by IELTS 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.
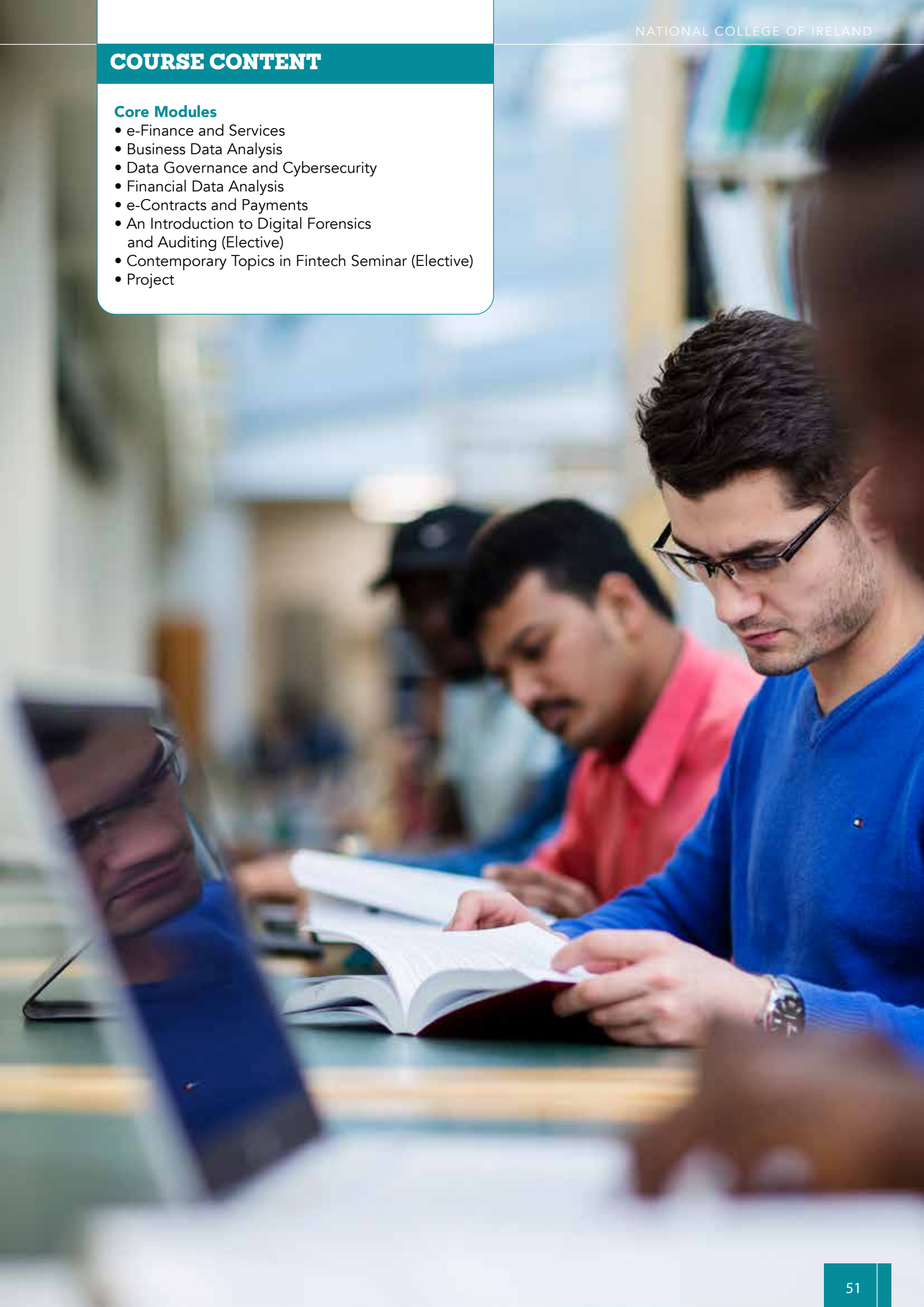
NCI IT does not provide support for personal devices.

Some students may be able to avail of the Student Laptop Loan Scheme, subject to eligibility. See page 77 for more information.

COURSE CONTENT

Core Modules
- e-Finance and Services
- Business Data Analysis
- Data Governance and Cybersecurity
- Financial Data Analysis
- e-Contracts and Payments
- An Introduction to Digital Forensics and Auditing (Elective)
- Contemporary Topics in Fintech Seminar (Elective)
- Project

HIGHER DIPLOMA IN SCIENCE IN
COMPUTING
(WITH SPECIALISATIONS)

FACTFILE

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

Part-time Schedule
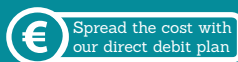
Indicative Schedule
Three evenings per week 18.00 - 22.00 and a number of Saturdays 09.00 - 18.00

Fees
€4,725
(Fees revised annually)

Duration
This course is 3 semesters delivered over 1 calendar year

€ Spread the cost with our direct debit plan

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.

COURSE CONTENT

Semester 1
• Software Development
• Object Oriented Software Engineering
• Introduction to Databases
• Web Design and Client-Side Scripting

Semester 2
• Computer Architecture Operating Systems and Networks

AND Choose one of the streams laid out below:

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

Semester 3
• Project

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.

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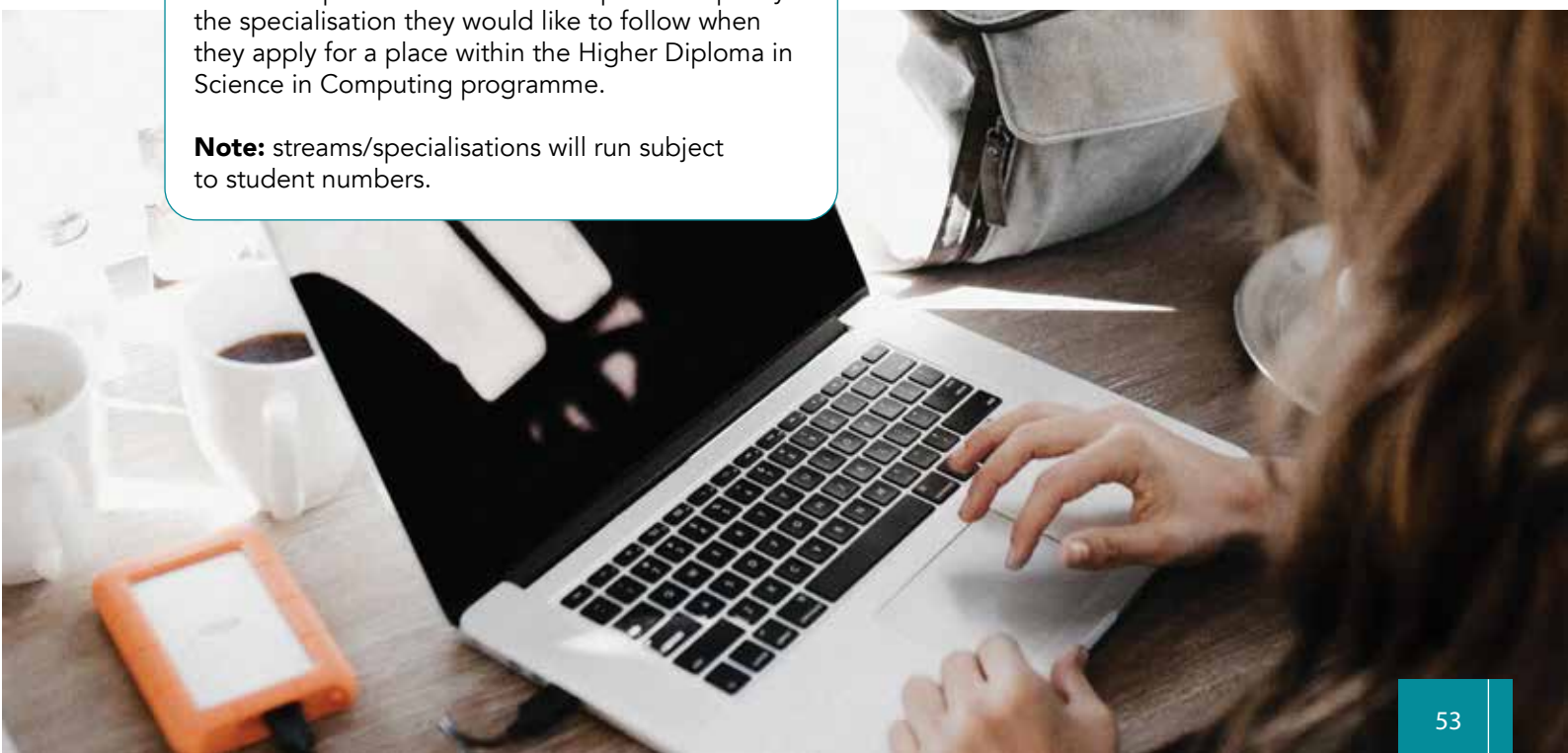
Assessment
The course will be assessed with a blend of continuous assessments and/or project work and exams. Please note that in some instances exams may take place in the daytime, evenings and at weekends.

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.

HIGHER DIPLOMA IN SCIENCE IN
DATA ANALYTICS

FACTFILE

Part-time Schedule

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Start Date
Sept 2022

1-Year Option
Duration
3 semesters delivered over 1 calendar year

Indicative Schedule:
Three evenings per week, 18.00 - 22.00.

2-Year Option
Duration
4 semesters delivered over 2 calendar years
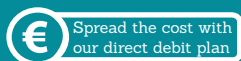
Indicative Schedule:
Two nights a week, 18.00 – 22.00, and a number of Saturdays, 09.00 – 18.00.

Availability of options runs subject to numbers.

Fees
€4,725
(Fees revised annually)

€ Spread the cost with our direct debit plan

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 will be considered. Candidates will ideally be able to demonstrate technical or mathematical problem-solving skills as part of previous course learning.

Typically, holders of more technical, numerate degrees are likely to gain a higher ranking in any order of merit in selection for the course.

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 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 6GB of RAM (8GB or more are 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 77 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

Part-time Schedule

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

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

Start Date
Sept 2022

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

Fees
€4,200 per annum
(Fees revised annually)

€ Spread the cost with our direct debit plan

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.

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 77 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 weighted results of stage 2, 3 and 4. The course also prepares students for industry-recognised certificates in leading technologies.

Additional Information

Applicants who do not have at least 6 months' previous work experience in an information and communications technology related field will be required to complete a work experience course before the final stage.

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 who complete the Technical Electives may go on to the 4th Year specialisation in either Games Programming, Software Development, Cybersecurity, Blockchain, Artificial Intelligence/Machine Learning/Data Analytics and Internet of Things.

**Students who complete the Business Elective will go on to the 4th Year specialisation in Digital Business Transformation.

Semester 2
• Security Fundamentals and Development*

Semester 2 & Semester 3
Full six months within an organisation
OR
Academic Internship

*This module will be delivered in a blended format, meaning classes will be timetabled with both online and on-campus sessions.

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

HIGHER CERTIFICATE IN
COMPUTING

FACTFILE

Part-time Schedule

Delivery
Blended - Livestream with some Campus Stream classes, scheduled in advance. See page 4 for more information

Application
Apply online at www.ncirl.ie

Indicative Schedule
Tuesday and Thursday 18.00 - 22.00 and Saturdays 09.00 - 18.00

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

Start Date
Sept 2022

Fees
€4,200 per annum (Fees revised annually)

€ Spread the cost with our direct debit plan

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 77 for more information.

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*

*This module will be delivered in a blended format, meaning classes will be timetabled with both online and on-campus sessions.

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

Part-time Schedule

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

Application
Apply online at www.ncirl.ie

Indicative Schedule
Year 1:
Sept 2022 - May 2023
Tuesday and Thursday 18.30-21.30 and some Saturdays 09.30 - 13.30.

Year 2:
Sept 2023 - Sept 2024
Sept - May:
Tuesdays and Thursdays 18.30 - 21.30 and some Saturdays 09.30 - 13.30

May - Sept: The Dissertation is submitted in semester 3.

Duration
2 calendar years

Start Date
Sept 2022

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

€ Spread the cost with our direct debit plan

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 during their interview with 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 77 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 Methods, Qualitative
  and Quantitative Methods
• Dissertation

POSTGRADUATE DIPLOMA IN ARTS IN

EDUCATIONAL PRACTICE IN TEACHING FOR FURTHER EDUCATION

FACTFILE

Part-time Schedule

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

Application
Apply online at www.ncirl.ie

Indicative Schedule
Year 1:
Sept - May
Tuesday and Thursday
18.30 - 21.30
and some Saturdays
09.30 - 13.30

Start Date
Sept 2022

Fees
€4,990 total fee
(Fees revised annually)

Duration
1 calendar year

€ Spread the cost with our direct debit plan

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.

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. Regulation Five of the Teaching Council Regulations (2009) 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 (www.teachingcouncil.ie) for the complete set of requirements under Regulation Five.

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. All applicants will 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 admissions.

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

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 77 for more information.

EDUCATION
COURSES

UNDERGRADUATE

Bachelor of Arts (Hons) 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

Part-time Schedule

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

Application
Apply online at www.ncirl.ie

Indicative Schedule
Years 1-4:
Monday and Wednesday evenings from 18.00 - 22.00 and some Saturdays 09.30-13.30. Some classes may be delivered online.

In addition, students are required to be in Supervised Professional Practice Placement. The schedule for supervised practice will depend on placement settings schedules.

There is a daytime version of this course available through the CAO under the Free Fees Initiative for school leavers. Visit www.ncirl.ie for more details.

Duration
4 calendar years

Start Date
Sept 2022

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

€ Spread the cost with our direct debit plan

Course Description
The Bachelor of Arts (Honours) in Early Childhood Education and Care is a four-year, day and evening delivery programme, designed for people who are interested in pursuing opportunities 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 key topics including holistic child development, child health, nutrition and wellbeing, essential legislation and regulatory practices in the Irish and International environments, music, movement, art and drama, creativity and play, methods and approaches to ECEC, working in multi-professional environments, parent/family participation besides aspects of leadership management and governance in the sector. Students are encouraged to reflect, inquire and investigate a range of theoretical and practical pedagogical approaches to learning and development in ECEC.

Professional Recognition
This degree is recognised by the Department of Education and Skills (DES) as Initial Professional Education (IPE), to practice as professional Early Childhood Educators in ECEC also called the Early Learning and Care sector in Ireland. The programme meets the approval of the QAB (Quality Assurance Board) at the Department of Education and Skills, as it meets the DES (2019) Professional Awards Criteria Guidelines (PACG)

This programme is also aligned with the professional profile of Early Childhood Educators the Department of Children, Equality, Disability, Integration and Youth (2019). The DCEDIY provides a list of acceptable qualifications for meeting the requirements of the Child Care Act 1991 (Early Years Services) Regulations 2016 and DCEDIY Childcare Programme Contracts.

Supervised Professional Practice Placement
A strong emphasis on professional practice placement in diverse Early Childhood settings is included on the course from year one. It offers students an opportunity to combine their experiences and skills in a final year capstone project. The course provides a pathway to competence and professional employment in the Early Childhood Learning and Care environments. It offers a strong core of foundation modules in early childhood education and care and in personal and professional identity as an educator. Our pedagogy aims to develop Early Childhood Educators to practice with their head, heart and hand. Students will be supported in their learning and development as professional early childhood educators, to go out into the workforce as innovators and leaders, competent in the skills that are required in the current changing and challenging landscape of the ECEC sector and those of the future.

Who is the course for?
This course is ideally suited to those working with or wishing to work with babies and children from birth to six in the ECEC sector such as pre-schools, crèches, Naíonraí, special needs, childminding, home visiting, including those currently working in early intervention programmes, the Health Service Executive and TUSLA (the child and family support agency and curriculum trainers). The course is for school leavers, mature learners returning to education, and/or international students.

Career Prospects

Graduates will possess the skills to work as room leaders or supervisors, working directly with children, setting managers, advisory, mentorship, training and leadership roles.

'First 5': A Whole–of-Government Strategy for Babies, Young Children and their Families (2018) suggests a reform in the Early Learning and Care Sector moving towards a graduate- led workforce. The ECCE Scheme (free preschool years) also offers a higher capitation fee to Early Childhood Education and Care service providers where all leaders hold a Bachelor of Arts (Ord) Degree in Childhood/Early Education (Level 7 on the NFQ or equivalent) and have three years of experience in the sector. This indicates a government commitment towards a graduate-led workforce in ECEC.

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 66, or the Master of Arts in Educational Practice detailed on page 64.

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. All applicants will be interviewed by the Programme Director.

Applicants with a Major Award in Early Learning and Care/Early Childhood Education and Care at NFQ level 6 may be eligible for an advanced entry into Year 2 of the programme.

Applicants who do not meet the entry requirements outlined above may apply though Recognition of Prior Experiential Learning (RPEL) which considers applicants based on relevant work experience. All applicants will be required to be Garda Vetted as part of the admission process.

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 is provided by admissions.

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 (6 visits, 3 in each semester)

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

This programme is approved by the 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

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 weekly contact teaching time is 15 hours. 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 77 for more information.

CERTIFICATE IN

LEARNING AND TECHNOLOGY

FACTFILE

Part-time Schedule

Delivery
Online delivery with a series of self-paced, directed online activities.

Application
Apply online at www.ncirl.ie

Indicative Schedule
This is an online programme, which consists of two full-day virtual sessions from 10am-5pm, combined with four two-hour virtual (online) classroom sessions, and directed online activities. Virtual classes will take place from 4-6pm on Tuesdays.
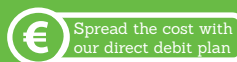
Start Date
Sept 2022
May be offered at other times in the year subject to numbers.

Fees
€1,200
(Fees revised annually)

Duration
12 weeks

€ Spread the cost with our direct debit plan

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.

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 77 for more information.

CERTIFICATE IN

TECHNOLOGY-ENHANCED LEARNING

FACTFILE

Part-time Schedule

Delivery
Online delivery with a series of self-paced, directed online activities.

Application
Apply online at www.ncirl.ie

Indicative Schedule
This is an online programme with three modules. Each module consists of two full-day virtual sessions from 10am-5pm at the beginning and end, combined with four two-hour virtual (online) classroom sessions, and directed online activities.

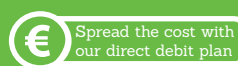Virtual classes will take place from 4-6pm on Thursdays.

Duration
1 calendar year

Start Date
Sept 2022
May be offered at other times in the year subject to numbers.

Fees
€1,900
(Fees revised annually)

€ Spread the cost with our direct debit plan

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.

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 77 for more information.
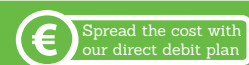
COURSE CONTENT

• 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.

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.

MICROCREDENTIALS IN
TECHNOLOGY-ENHANCED LEARNING

FACTFILE

€ Spread the cost with our direct debit plan

Part-time Schedule

Delivery
Online delivery with a series of self-paced, directed online activities.

Application
Apply online at www.ncirl.ie

Indicative Schedule
These online courses consist of two full-day virtual sessions from 10am-5pm, combined with four two-hour virtual classroom sessions, and directed online activities.

Virtual classes will take place from 4-6pm on Thursdays.

Duration
12 weeks

Start Date
Sept 2022 May be offered at other times in the year subject to numbers.

Fees
€1,200
(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.

CERTIFICATE IN
TECHNOLOGIES IN TEACHING AND LEARNING

COURSE DESCRIPTION

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

COURSE DESCRIPTION

In this programme, you will explore the dynamic relationship between technological innovation, education and technology-enhanced learning. You will explore the policy context for the development of technology-enhanced learning in relevant Irish sectors, and the use of digital capability frameworks to inform and structure future practices.

This course aims to enhance your capability to extend professional practice goals through the use of digital technologies, and to develop strategies to facilitate learners' digital capabilities.

The programme comprises one module:

> • Digital Capabilities and the Learner Experience (10 ECTS)

CERTIFICATE IN
TECHNOLOGIES IN ASSESSMENT, FEEDBACK AND LEARNING SUPPORT

COURSE DESCRIPTION

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

CONTACT DETAILS

Telephone:
1800 221 721

Email:
admissions@ncirl.ie

Web:
www.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.

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 students with disabilities. The college encourages students to be open about their disability and to discuss their needs with the Student Support Officer. It is important that students disclose a disability early in the academic year to ensure that appropriate supports are provided.

To find out more please contact:
Karen Mooney
Student Support Supervisor
Tel: (01) 659 9269
Email: karen.mooney@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, located on the ground floor, is responsible for the billing and collection of student fees and can be contacted at: (01) 4498 566, (01) 4498 569 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 80).

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.

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. Our experienced Careers Advisors will help you prepare for, and get, the job you want.

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 pages. Visit **www.ncirl.ie/international**.

All courses are taught through and assessed in the English language. 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, see www.ncirl.ie for details.

Find out more at our information events.

Thu 12th May	ONLINE	5-7pm
Wed 08th June	ON CAMPUS	5-7pm
Wed 13th July	ONLINE	5-7pm
Thu 11th Aug	ON CAMPUS	5-7pm
Sat 27th Aug	ONLINE	11am-1pm
Thu 08th Sep	ON CAMPUS	5-7pm

On-campus information sessions may move online if Covid-19 restrictions return. Please check *www.ncirl.ie* for latest event details before travelling to the College.

National
College *of*
Ireland