

Athlone Institute of Technology

Taught Postgraduate Programme Guide



Note:

The information contained in this programme is intended as a guide for persons seeking admission to the institute and shall not be deemed to constitute a contract or the terms thereof between the institute and a student or any third party. The institute reserves the right to cancel, suspend or modify in any way the matters contained in this publication.

The institute reserves the right to amend the list of elective modules being offered for any programme. Athlone Institute of Technology will observe its obligations under Section 43 of the Qualifications (Education & Training Act) 1999 and will be mindful of the optimum use of public monies in exercising its right to withdraw or modify courses at any time.



postgraduate studies at AIT

Athlone Institute of Technology campus
Image courtesy Nathan Cafolla





reach new heights



Welcome

It is my great pleasure to introduce the taught postgraduate programmes to be offered by Athlone Institute of Technology.

I am delighted that you are considering Athlone Institute of Technology (AIT) for your postgraduate studies. I hope this booklet provides the information about our taught programmes that will help you to decide on what's the right choice for you.

Postgraduate study is a significant undertaking, but we believe that it is an investment that will profit you personally and professionally. Our primary objective is to provide AIT students with an excellent learning experience combined with a particular focus on their personal development. Through our postgraduate degree programmes, AIT develops innovative and creative mindsets; ensuring that our graduates are sought after by employers, and deliver their own future.

AIT is a global campus, so you'll be given an opportunity to study and work beside other students from countries as diverse as Italy, France, Brazil, China, Malaysia, Saudi Arabia and India. Our students consistently tell us that they regard AIT as a home away from home. At AIT, we work hard to make sure that your individuality is respected, and that we do everything possible to help you fulfil your potential.

Continued success in your studies, we look forward to being part of your story.



Professor Ciarán Ó Catháin
President

Taught Postgraduate Programme Guide



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A close-up photograph of a young woman with long, wavy blonde hair, smiling broadly. She is wearing a black graduation cap with a tassel and a dark blue graduation gown with white lace detailing on the collar. The background is blurred, showing other graduates in similar attire. The word "achieve" is written in white, lowercase letters, slanted upwards from left to right, across the bottom right portion of the image.

achieve

Business Programmes



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Follow Us



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@busatait



Welcome to the Faculty of Business & Hospitality postgraduate programme offerings.

Our applied postgraduate programmes inspire original thinking and teach you practical skills for real life business. From higher diploma conversion programmes to taught masters and executive courses, we offer a range of full- and part-time options that will challenge you to think differently.

The Faculty has an excellent track record of mentoring students and providing learning supports across all its programmes. The success of our graduates on the national and international stage is a testament to the quality of education they received at AIT. There is a truly international mix to students in the Faculty of Business and Hospitality with Europe and Asia well represented. It makes for an enriched cultural and education environment.

Immerse yourself in the latest business ideas and gain unique experiences to accelerate your leadership journey. We offer some of the most widely recognised global business qualifications. Strategic and practical, our programmes equip you with the skills and knowledge to challenge conventions, disrupt the status quo, and generate better economic and social outcomes.

I look forward to welcoming you to postgraduate studies at AIT.

Eoin Langan

Dean of Faculty of Business & Hospitality

Gnó

Business



Master of Business

A student of the Master of Business will develop and demonstrate a range of high-level knowledge and skills in areas such as research, strategic thinking and reflective learning, thereby establishing the foundation for a business career, as well as for continuing academic and professional development.

As a student on the programme, you will be required to display a high level of self motivation and commitment. The programme has been designed to provide students with a critical awareness of concepts, debates, current problems, issues and insights in the national and global business environment.

Course Objectives

- Evaluate, contrast, criticise and judge the fundamental and advanced theories, concepts, principles, methods and techniques of business practice and research
- Develop and demonstrate the abilities of analysis, interpretation, and synthesis
- Predict, assess and contrast the impact of business-related decisions
- Develop the ability to exercise strategic judgement; choose and apply appropriate

What will I study?

- Services Marketing Management
- Information Systems for Managers
- International Corporate Strategy
- Business Model Development
- New Venture Creation and Growth
- Innovation and Creativity
- Research Project
- Research Methods
- Personal and Professional Development

- techniques in the analysis and interpretation of information
- Seek out current practices and issues and conclude on their strategic impact
 - Lay the foundation for further research and study, with a particular focus on self-directed, life-long learning

NFQ level	Duration	Apply to	Minimum Entry Requirements
9	1 year Full-time	Admissions Office Fees - €5,500	Students are expected to have a minimum of a Bachelor degree (Level 8) in business or a cognate discipline at 2.2 level or an approved equivalent qualification.

Career Opportunities

As the availability of honours primary degree holders becomes more widespread in the job market, employers are becoming more selective and this enhances the employment and career prospects of postgraduate degree holders. This programme is expected to provide students with the expertise to survive and progress in an increasingly competitive job market.

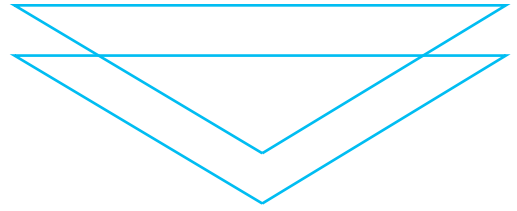
Graduates with a Master's degree (Level 9) can reasonably be expected to rise to more advanced positions, including senior executive level, in private industry, in the public and private sectors, and in education.

Contact Us

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**89% of Business
taught Postgraduate
students were either
satisfied or very
satisfied with their
programme of study**



Cúntasaíocht

Accounting



Master of Arts in Accounting

The overall aim of this programme is to facilitate the personal and intellectual development of the students in order to ensure synthesis at the highest level in their chosen field of knowledge.

Students who successfully complete the MA in Accounting are eligible to apply to Chartered Accountants Ireland for exemption from their CAP 2 examinations.

Course Objectives

- Gain exemption from CAP 2 examinations of Chartered Accountants Ireland
- Achieve a higher level of self-awareness and effectiveness when working with others in a business environment
- Analyse and evaluate the fundamental and advanced theories, concepts, principles, methods and techniques of accounting and related research
- Develop and demonstrate the critical abilities of analysis, interpretation, and judgement
- Develop the ability to utilise strategic thinking and to choose and apply techniques in the analysis and interpretation of information
- Assess and contrast the impact of decisions, with particular reference to business ethics

What will I study?

Financial Reporting
and Corporate Governance

Financial Strategy

Auditing

Strategic Management
Accounting

Taxation

Research Methods

Integrated Case Studies

Personal &
Professional Development

- and social responsibility
- Appraise and criticise current practices and issues in the field of accounting and finance, as well as assessing the strategic impact of such issues
- Lay a meaningful foundation for further research and study in the context of self-directed, life-long learning.

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Full-time	Admissions Office Fees - €5,500	Students are expected to have a minimum of an Accounting degree (Level 8) in business or a cognate discipline at 2.2 level or an approved equivalent qualification.	

Career Opportunities

As the availability of honours primary degree holders becomes more widespread in the job market, employers are becoming more selective and this enhances the employment and career prospects of postgraduate degree holders. This programme is expected to provide students with the expertise to survive and progress in an increasingly competitive job market.

Graduates with a Master's degree (Level 9) can reasonably be expected to rise to more advanced positions, including senior executive level, in private industry, in the public and private sectors, and in education.

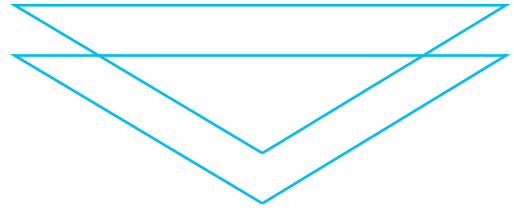
Contact Us

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Accounting and Business Computing

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**Master's accounting
degree graduates
can be expected to
rise to more advanced
positions in their
chosen sector**



Cleachtas Gnó

Business Practice



Master of Business Studies/ Postgraduate Diploma in Advanced Business Practice

Postgraduate Steps is a radical new approach to postgraduate education developed by AIT. Recognising that people's higher education needs are diverse, Postgraduate Steps enables you to undertake modules that address your professional development needs in a fashion that suits your lifestyle and career.

When you sign up for Postgraduate Steps you choose the shape, content and duration of your postgrad. You can opt to undertake a single module, similar to the well-recognised CPD approach. Alternatively, you can continue your study, accumulating credits, until you have met the requirements for a postgraduate diploma or master's degree.

The Master of Business Studies/Postgraduate Diploma in Advanced Business Practice is designed to enable you enhance core competencies, develop an entrepreneurial spirit and employ critical thinking skills for the modern business environment.

What will I study?

Indicative modules include:

- Managerial Finance
- Management of People, Culture and Change
- Innovation and Creativity
- Project Management
- Brand Management
- Applied Business Strategy
- Research Methods
- Dissertation

Part of the Postgraduate Steps framework developed by AIT, it represents an approach to business education that is rooted in the real world and designed to bring genuine added value to your resumé.

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	Determined by student's own pathway Part-time	Admissions Office Fees - €750 per module full-time	Applicants must hold a Level 8 award in business or a cognate discipline at a minimum 2.2 level.	

What distinguishes this programme from other postgrads is that each module is developed in consultation with industry and reflects the views of employees, employers, industry bodies and state agencies. New modules are introduced in a dynamic fashion, with the range of options continually being added to.

Any learner who enrolls on a single module will have three potential avenues open to them as follows:

1. Completion of any four modules (10 ECTS credits each) plus the modules Research Methods (10 ECTS credits) and Dissertation (20 ECTS credits), leading to the award of Master of Business Studies in Advanced Business Practice.
2. Completion of any six modules (10 ECTS credits each) leading to the award of Postgraduate Diploma in Business in Advanced Business Practice.
3. Completion of one module (10 ECTS credits) leading to a minor award at Level 9.

Career Opportunities

Graduates can reasonably expect to rise to more advanced positions, including senior executive level, and command salaries commensurate with their status.

Contact Us

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Riarachán Gnó

Business Administration



Executive Master of Business Administration

The Executive MBA programme at Athlone Institute of Technology is characterised by applying the latest thinking in management and leadership to solve real-world business problems. You'll be challenged by faculty who have extensive experience of industry, and whose teaching connects ground-breaking theory with the business stories making the news.

The culture of the AIT MBA is one of teamwork; where you'll work together with classmates to solve complex business problems. A residential weekend at the start of the programme provides the perfect opportunity for getting to know your classmates, while obtaining an overview of this challenging degree. With students drawn from the private and public sectors, start-ups and multinationals, you will develop the analytical skills and acumen to appreciate business forces and decision-making scenarios from a wealth of different perspectives.

What will I study?

Strategic Management
Economics and the Business Environment
Operations and Supply Chain Management
Financial Statement Analysis
Applied Strategic Marketing
Research Methods
Introduction to Managing Consulting
Management Consulting Project
Strategic Human Resource Management
Knowledge and Project Management
Corporate Finance
Dissertation

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	2 years Part-time	Admissions Office Fees - €7,850 per annum	Entry to the Executive MBA requires you to have at least five years' work experience, with three years in a management-related role. In addition, you should hold a recognised degree, or a postgraduate diploma in management; or a relevant professional qualification. All qualified applicants are required to attend for interview.	

On the AIT MBA, you will encounter a variety of teaching and learning approaches. For example, you will spend a significant proportion of your time participating in case exercises and working on assignments in small groups. This will provide an opportunity for understanding different viewpoints, as well as sharing experiences and ideas. Group work will also allow you to practice skills of analysis and, through discussion, to argue for and negotiate solutions to problems.

Programme Delivery

The taught elements are delivered over two academic years on Friday afternoons and evenings (2-9pm) and occasional Saturdays (10am-5pm).

Contact Us

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MBA Programme Coordinator

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MBA alumni testimonials



"The MBA at AIT has been life changing for me on so many levels. The MBA has provided me with what I can only describe as a business tool box that allows me to analyse and understand all aspects of business. From Finance to Marketing and lots in-between, I can confidently assess any business and identify what's working and what is failing and to recommend good practical advice to business owners. The in-depth knowledge of business, particularly economics on a global scale has catapulted me into a whole new world and

has given me a very deep understanding of how a business works, from small local businesses to large multinational organisations.

But the best thing of all for me has to be the life long friends I have gained, my fellow classmates who I consider my best and most trusted friends. I can not recommend the MBA at AIT enough for anyone already in business or for those who want to gain a true understanding of all the elements that make a business a success. The two year MBA programme have been two of my happiest years and the experience I gained from the lecturers, fellow classmates and practical projects have been invaluable. It is an experience I will always treasure and be grateful for."

Emily Mahon
NAS Business Support Manager
AIT MBA Graduate

"After being an entrepreneur for the last 20 years, it is easy to think that you know it all. I had put off doing the MBA for several years precisely because of that reason. Looking back on the MBA programme, from both a practical and intellectual stance, my only regret was that I had not done it much sooner. No matter what life experiences you bring to the MBA programme, there are a multitude of new experiences waiting there for you."

Vincent English,
Managing Director, Vernier Europe
AIT MBA Graduate





ACCA

ACCA Professional Programme

This course will provide you with formal education and training to successfully complete the ACCA Professional Level examinations.

Professional Recognition

Upon graduating from the programme you will be perfectly positioned to enter an ACCA training contract with an approved training firm.

Additional Information

To be eligible for ACCA examinations, students must fulfil the registration requirements of that professional body. ACCA exemption fees may be payable by the student. In addition, examination fees for professional papers are Stg£104 per paper in December 2015 and £110 per paper in June 2016. The annual ACCA membership subscription is £79 initially and £85 annually thereafter. These fees are not included in the programme tuition fee.

Please check www.accaglobal.com for details of ACCA requirements.

Contact Us

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What will I study?

The five ACCA professional examinations will be covered on a full time basis over two 13 week semesters, with each module attracting 6 hours per week class contact.

The elective modules chosen are P6, Advanced Taxation, and P7, Advanced Audit and Assurance.

Semester 1

Professional Accountant (P1), Business Analysis (P3), Advanced Taxation (P6)

Semester 2

Corporate Reporting (P2), Advanced Audit and Assurance (P7)

link for students to look at important dates in ACCA Calendar: http://www.accaglobal.com/students/study_exams/exams/important_dates/professional

NFQ level	Duration	Apply to	Minimum Entry Requirements
9	1 year Full-time	Admissions Office Fees - €750 per module	Exemptions from F1 to F9 Fundamentals

Engineering Programmes



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Follow Us

follow AIT School of Engineering





Welcome to the Faculty of Engineering & Informatics postgraduate programme introduction.

Postgraduate programmes have become an increasingly more important part of our programme portfolio. We offer taught masters and postgraduate diploma programmes in civil, mechanical & polymer and software engineering and this complements an extensive research portfolio.

Our postgraduate programmes are particularly focused on developing practical competencies to deal with challenging real world industrial scenarios while employing research methodologies to explore and research new technologies. Our programmes are delivered in a flexible manner to cater for the particular needs of students. The programmes are challenging and focused and enjoy a strong reputation in industry. From, add-on degree programmes to taught masters, we offer a range of full- and part-time options that will challenge you to think differently.

The Faculty has an excellent track record of mentoring students and providing learning supports across all its programmes. The success of our graduates on the national and international stage is a testament to the quality of education they receive at AIT.

There is a truly international mix to students in the Faculty of Engineering & Informatics making for an enriched cultural and education experience.

Immerse yourself in the solutions to state-of-the-art to Engineering challenges. We offer internationally recognised qualifications balancing theory with practice. Strategic and practical, our programmes equip you with the skills and knowledge to excel in industry or pursue further research.

I look forward to welcoming you to postgraduate studies at AIT.

Dr Austin Hanley
Dean of Engineering & Informatics

Fuinnimh agus Cumarsáide

Energy and Communications



MEng in Energy and Communications Infrastructure

This innovative Master of Engineering programme is positioned within the on-shore and off-shore infrastructure sectors, specifically focusing on the energy and telecommunications domains. The demand for this skill-set is driven by the global growth of new energy sources and technologies and their associated infrastructural challenges.

The main themes that the programme addresses are infrastructural planning and regulation; geotechnical, structural and pipeline design; economics and project management; subsea telecommunications and electrical power distribution. The programme comprises of eight modules and a dissertation.

Students will have the opportunity to design and undertake an offshore seabed survey, whilst on a Marine Institute vessel off the Irish coast. The students will be instructed and take part in the following multi-disciplinary areas including: oceanography, benthic ecology and geophysics.

What will I study?

Energy Economics
Offshore Structures
Pipeline Design & Installation
Offshore Project Management
Geotechnical Investigation and Civil Works
Communications and Electrical Generation & Distribution Systems
Planning & Regulations
Thesis

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	15 months Full-time	Admissions Office Fees - TBC	Applications will be considered from level 8 honours graduates in engineering, environmental science or cognate disciplines. Those who do not have the requisite academic qualifications may gain entry to the programme via Recognition of Prior Learning (RPL) in accordance with the institute's policies.	

This programme has a thesis component which will require an eight-week placement (during the summer) in order to obtain essential data and provide exposure to industrial practices.

The programme will be offered as a 15-month full-time programme and will be delivered through blended learning, which is a mix of classroom and online delivery.

For further information on possible supports see the following link:
<http://www.susi.ie/What-type-of-funding-could-I-receive-/Postgraduate-Students.aspx>

Career Opportunities

Employers in the telecommunications sector are seeking graduates with these skills.

Contact Us

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Teicneolaíocht Pholaiméire

Polymer Technology



Master of Science in Polymer Materials and Engineering

A new M.Sc. in Polymer Materials and Engineering is currently being developed and it is planned to begin the programme in September.

The main aim of the course is to address the need to provide additional polymer education and skills to professional engineers, technologists and scientists with non-polymer backgrounds currently working in polymer related industries in Ireland.

Graduates with a masters in polymer materials and engineering will support the development of innovative, high-value polymer and plastics products. This will increase the global competitiveness of Irish-based plastics and polymer companies, increase export opportunities and ultimately lead to increased revenues and employment in a high value added sector.

A high percentage of graduates in polymer disciplines work in the medical device sector.

What will I study?

Engineering and Product Design
Advanced Polymer Materials
Computer Aided Design and Analysis
Polymer Processing Technology
Project
plus four modules from:
Project Management
Polymer Materials
Biomedical Science and Technology
Regulatory Affairs and Validation
Biomedical Materials
Packaging and Sterilisation

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	2 years Part-time <i>On-line and blended</i>	Admissions Office Fees - €4,148 or €1,100 per module	Applicants for the course will be admitted on the basis of an honours degree in a relevant discipline such as science or engineering.	

Demand for the proposed skill sets that will be acquired from the proposed MSc are in high demand within this sector. According to IDA Ireland, eight of the world's 10 largest medical device companies are located in Ireland.

The core competencies in this programme and validated by an extensive industrial survey are identified as polymer processing, advanced materials, polymer characterisation and testing and quality and lean manufacturing and product design.

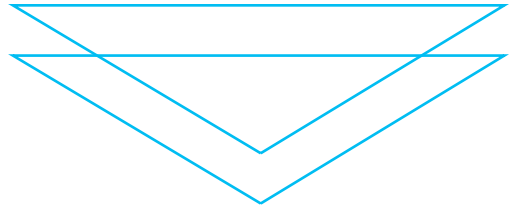
Contact Us

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**AIT polymer
engineering graduates
have a fantastic success
record of securing
well-paid employment**



Innealtóireacht Bhogearraí

Software Engineering



Master of Science in Software Engineering

The aim of this programme is to provide an opportunity for computer professionals and engineers to enhance their knowledge and expertise in areas of current active research and development in software engineering.

Participants gain exposure to the various techniques for performing academic research. The course also aims to provide an environment in which the participant is exposed to new technological developments, to ethical and social issues affecting the computer industry, and to the requirement to uphold general professional standards.

Career Opportunities

There is a high demand for skilled software engineering graduates resulting from the expansion of the software industry in Ireland and overseas.

Contact Us

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What will I study?

Software Engineering Project
Software Design
Data Science
Service-oriented Architecture
Agile Build and Delivery
Database Systems
Computer Networks and Telecommunications
Data Visualization
Rich Internet Applications

For further information on possible supports see the following link: <http://www.susi.ie/What-type-of-funding-could-I-receive-/Post-graduate-Students.aspx>

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Full-time or Part-time	Admissions Office Fees - €5,500	Honours (Grade 2.2) degree in an appropriate engineering, computing or cognate discipline, or an equivalent qualification. Appropriate experience (or appropriate qualifier) may also be required depending upon the degree qualifications.	

Innealtóireacht Bhogearraí

Software Engineering



Master of Science in Applied Software Engineering

This is an intensive master's degree programme in applied software technology aimed at students and unemployed individuals. The degree, which also offers full-time employment with Ericsson Athlone upon satisfactory completion, is free to students and people out of work. It is supported by Skillnet through its Job Seekers Support Programme funded by the National Training Fund through the Department of Skills and Education.

Content is totally industry focused: using up-to-the-minute technologies, tools and real-world examples and delivering learning in real-time non-trivial project settings. There is a strong focus on intensive interaction among students and close active supervision by instructors (both academic and industry mentors).

Career Opportunities

Ericsson Product Development Unit in Athlone specialises in the provision of operations support systems (OSS) to telecom operators using advanced data and event management and visualisation techniques.

Additional Information

For further information on how to apply:

What will I study?

- Object Oriented Programming 1
- Applied Mathematics
- Data Architecture and Database Systems
- Agile Design and Testing
- Computer Networks
- Cloud and Computer Architecture
- Object Oriented Programming 2
- Web Technologies
- Self-Management and Teamwork
- Continuous Build and Delivery
- Distributed Systems and Security
- Group Project
- Technologies and Tools
- Placement

Susan Kelly

ICT Ireland Skillnet

susan.kelly@ictirelandskillnet.org

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Full-time	ICT Ireland Skillnet Fees - N/A	Honours (Grade 2.2) degree in an appropriate engineering, computing or cognate discipline, or an equivalent qualification.	

Innealtóireacht Ghlas

Green Engineering



Postgraduate Diploma in Green Engineering

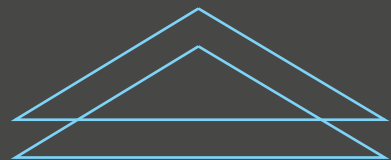
The overall aim of this programme is to develop the skills of qualified engineers in areas relevant to the “green economy”. The programme addresses several skill gaps across the Environmental Goods and Services sector in the areas of renewable energy, energy efficiency, water, waste and wastewater, consultancy and green ICT.

This programme is aimed at building on the core competences developed through completing a recognised Level 8 honours degree programme in civil, mechanical, environmental engineering or cognate discipline. The aim is to complement these core competences with particular skills focused on problem-solving and design of engineering solutions in the broad area of environmental and energy-related subjects.

The course is delivered in the form of on-site lectures/practicals at AIT, complemented by a strong emphasis on continuous assessment via individual and group coursework assignments to be completed in participants’ own time.

What will I study?

Sustainable Energy
Sustainable Water Engineering
Environmental Management & Legislation
Energy Management and Auditing
Operations, Entrepreneurship and Lean Start Up Sustainable Waste Management
Business & Professional Development
Work Based Project through Industrial Placement



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Part-time	Admissions Office Fees - TBC	Applications will be considered from level 8 honours graduates in engineering, environmental science or cognate disciplines. Those that do not have the requisite academic qualifications may gain entry to the programme via Recognition of Prior Learning (RPL) in accordance with the institute’s policies.	

The programme will be offered as a 12-month part-time programme and will be delivered through blended learning, with two days per week of classroom delivery from September to May. This programme has an industrial project component which will require an eight-week placement (during the summer) in order to obtain essential data and provide exposure to industrial practices.

For further information on possible supports see the following link:
<http://www.susi.ie/What-type-of-funding-could-I-receive-/Postgraduate-Students.aspx>

Career Opportunities

Graduates will find opportunities in a wide range of roles that support the green economy, including: Air/Noise Pollution Technician, Land fill Manager, Materials Specialist, Water Resource Engineer, Energy Auditor.

Contact Us

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Science Programmes



Master of Science in Applied Toxicology	34
Master of Science in Environmental, Health and Safety Management	36
Master of Science/Postgraduate Diploma in Intellectual Disability Nursing	38
Master of Arts in Child & Youth Studies	40
Master of Arts in Management in Education	42
Master of Arts/Postgraduate Diploma in Advanced Social Care Practice	44
<i>Special Purpose Awards</i>	
Child Protection & Welfare	46
End of Life Care	47
Lactation Studies	48
Behaviours of Concern	50
Behaviours of Concern across the Lifespan	51
Gerontology Nursing	52
Dissertation (MA in Advanced Social Care Practice)	53



Welcome to the Faculty of Science and Health postgraduate programme offerings.

The Faculty of Science and Health has developed a range of full-time and part-time postgraduate programmes in the areas of toxicology, health and safety management, nursing studies, social care practice and child and youth care.

We pride ourselves in offering relevant, industry and employment-focused postgraduate programmes. Whether you are a recent graduate from a Science, Nursing or Social Science programme or someone who has worked for a number of years since graduating, the Faculty of Science and Health may have a post-graduate programme that will prepare you for the next phase of your professional career.

Our academic staff are experienced and dedicated educators and researchers who are always willing to provide their expertise and knowledge in guiding you through your post-graduate programme. By the end of your programme, you will be equipped with a full range of critical thinking and research skills.

I look forward to welcoming you as a postgraduate student at AIT.

Dr Don Faller

Dean of the Faculty of Science and Health.

Tocsaineolaíocht

Toxicology



Master of Science in Applied Toxicology

This is a one-year postgraduate degree programme leading to the award of Master of Science in Applied Toxicology. This programme is open to suitably qualified holders of honours degrees in science currently working in the pharmaceutical or biomedical industries who wish to upgrade their skills to master's level or to newly qualified science graduates who wish to specialise in toxicology.

The course is offered full-time over one academic year. Modules are delivered in the form of lectures, tutorials and practical classes with the support of the Virtual Learning Environment 'Moodle'. Assessment involves a combination of written examinations held at the end of each semester, ongoing practical/project work and reports.

Progression

Past graduates have carried out PhD studies at AIT and elsewhere.

Potential areas of employment include governmental regulatory bodies, pharmaceutical industry, and academia.

Career Opportunities

Graduates of this programme can expect to gain employment in research and development and at managerial and supervisory level in industry, particularly the medical devices sector, pharmaceutical, cosmetics, food and agrochemicals and in contract toxicology testing organisations. Graduates of this programme have also obtained positions in regulatory affairs, contract testing laboratories, health and safety departments, as well as progressing to complete PhD programmes.

What will I study?

Students may join the 'Applied Toxicology' stream or the 'Food & Drug Toxicology' stream. Details of the modules offered in each stream are shown below.

*Applied Toxicology or
Food & Drug Toxicology*

Nanotoxicology,
Pharmacology,
Toxicology Testing Methods,
Analytical Toxicology,
Biochemical Toxicology,
Molecular Toxicology,
Regulation in Toxicology,
Environmental Toxicology,
Target Organ Toxicity or
Materials & Medical Device
Toxicology,
Innovation & Entrepreneurship,
Practical Toxicology,
Project

Contact Us

Dr Carol O'Donnell

Head of Department of
Life and Physical Science

Email: codonnell@ait.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Full-time	Admissions Office Fees - €6,270	<p>Applicants should hold a first or a second-class honours degree (either 2.1 or 2.2) in a science related area (for example food science, biochemistry, chemistry, pharmaceutical sciences, sports science, molecular biology, pharmacology, medicine, pharmacy, and veterinary medicine). Appropriate experience may also be required depending upon the degree qualifications.</p> <p>Non-EU nationals must provide evidence of ability to follow classes in English (IELTS 6.0, TOEFL 550 or 213 C.B.T, 110 iBT or equivalent). Applicants may be required to attend AIT for an interview.</p> <p>Skype interview may be arranged for international students.</p>	

Bainistiú Sláinte agus Sábháilteachta

Health and Safety Management



Master of Science in Environmental, Health and Safety Management

This two-year part-time programme aims to provide participants with specialist knowledge in both environmental management and health and safety management. It offers participants an opportunity to reflect on their professional practice and gain a theoretical and critical perspective of issues associated with environmental, health and safety management.

On successful completion of the programme, participants will:

- Have a detailed knowledge and understanding of the major concepts and theories associated with environmental, health and safety management
- Employ appropriate advanced data analysing, synthesising and summarising skills in a scientific research environment
- Have a detailed knowledge and understanding of the concepts and processes of risk management
- Be able to implement risk assessment techniques in a number of diverse areas
- Have a detailed knowledge of and apply current approaches to managing chemical and biological hazards
- Understand how the principles of toxicology relate to occupational exposures
- Discuss and formulate measures to prevent pollution and reduce waste through process design

What will I study?

Year 1

Research Methods

Environmental
Health & Safety Law

Occupational Toxicology

Business &
Professional Development

Risk Management &
Organisational Behaviour

Environmental Hazards

Occupational Hygiene & Hazards

Project Management

Year 2

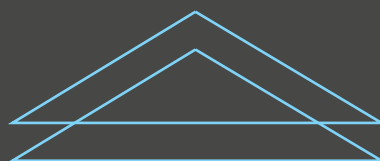
Strategic Management &
Implementation

Environmental Toxicology

Environmental Management

Environmental Assessment

Project



- Understand the effects of environmental hazards on the biotic and abiotic environment
- Have a fundamental understanding of the Irish and European legal framework
- Have a clear understanding of requirements in the main health, safety and environmental laws
- Be able to demonstrate a knowledge that is integrated across the legal, financial and general business aspects of professional practice
- Understand the role and importance of strategy in organisations
- Understand the importance of compliance with legislation and the consequences of non-compliance

Contact Us

Norrie O'Callaghan

Admissions Officer, AIT

Ph: +353 (0) 90 646 8130

Email: admissions@ait.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	2 years Part-time 30 weeks per year 1 day per week in addition to a number of selected Saturdays	Admissions Office Fees - TBC	<p>Holders of a BSc (ordinary degree, Level 7) in Environmental, Health and Safety Management at Merit Grade 1 or equivalent, and with three years' relevant work experience. This work experience does not necessarily imply additional experience to that which may already have been considered for entry to the undergraduate programme.</p> <p>Holders of a Level 8 science or engineering degree with two years' relevant post-qualification experience.</p> <p>Holders of a Level 7 science or engineering qualification at Merit Grade 1 and with three years' relevant post-qualification experience.</p>	

Altranais Míchumais Intleachtúil

Intellectual Disability Nursing



Master of Science/ Postgraduate Diploma in Intellectual Disability Nursing

Nurses in intellectual disability (ID) work in a broad range of services including long-stay settings, community, day-care, care of the older person, child and adolescent. Nurses in ID have a diversity of roles, on a continuum ranging from intensive physical nursing of persons with a severe degree of disability to supportive guidance in the management of children, adults and older persons.

Evidence of health needs for people with an intellectual disability highlight the clear need for the nurse in intellectual disability services to have an intellectual disability qualification. The rationale for this part-time Master's degree/postgraduate diploma is to facilitate the upskilling of qualified nurses working in this critical area. The philosophy which underpins this programme is grounded in values and beliefs relating to the nature of four fundamental philosophical nursing concepts, namely; nursing, environment, person and health.

This programme is designed to provide the nurse with the opportunity to become knowledgeable, informed, reflective and to develop his/her professional self so that he/she can be empowered and enabled to fully undertake the role and responsibility of nursing care, within the intellectual disability services. The exploration, application analysis, evaluation and synthesis of nursing theory, evidence-based practice and research support this aim. The student will be guided to strive for excellence in delivering care, to practice with self-awareness and compassion, to high ethical, legal, and clinical standards from a strong evidence base, within the profession of nursing.

On successful completion of the programme, graduates will be able to critically examine the supports and barriers that influence the ability of people with an intellectual disability to integrate

What will I study?

Year 1

Primary Health and Social Care

Advanced Management and Leadership Skills

The Evolving Role of the Nurse in the ID service

Contemporary Issues in Intellectual Disability Nursing

Health-related research

Clinical Practice Module

Year 2

Critical Ethical and Legal Issues in Intellectual Disability

Advanced Health Research

Dissertation

into their community. They will also be able to critically evaluate the specialist knowledge and skills required to care for service users in the intellectual disability service. Furthermore, they will have attained a threshold of practitioner skills as required by registration and professional bodies, in particular An Bord Altranais agus Cnaimhseachais na hÉireann/the Nursing and Midwifery Board of Ireland.

Graduates will also be able to recognise and assess the health needs of people with an intellectual disability; coordinate health promotion and illness prevention strategies; manage the early onset of disease and plan for its impacts on service delivery in the discipline of

intellectual disability. They will conform to professional boundaries and norms and critique primary health care initiatives in relation to intellectual disability. They will also be able to apply professional and clinical competencies to a high degree in the practice of intellectual disability, a significant proportion of which will be informed by evidence-based best practice in the discipline.

Graduates will have the knowledge to critically appraise particular aspects of recent research in the domain of intellectual disability. They will have the competence to manage community-based residential alternatives for people with an intellectual disability, incorporating a person-centred approach that promotes independence and well-being that is reflected across the lifespan.

They will be able to accurately deploy standard techniques of analysis and enquiry within the area of intellectual disability and apply advanced research skills and design and conduct a research project demonstrating the development of an original idea. They will have the knowledge to apply professional and clinical competencies to critically generate, interpret and evaluate evidenced-based information and to plan, devise and conduct research and scholarship. Furthermore, they will be able to integrate professionally the range of acquired specialised, transferable skills such as communication, problem-solving, decision-making, and team-work as a context and focus in graduates' everyday professional practice as a working intellectual disability nurse. They will also assist all associated with the intellectual disability service to achieve and maintain optimum

health, independence, and recovery in a professional caring manner and critically participate as a member of the multi-disciplinary team ensuring professional accountability is maintained.

Finally, they will be able to critically assess and evaluate national health and social care policy and its impact on the delivery of care in the area of intellectual disability at a professional level. They will be able to evaluate and integrate ethical and legal issues relevant to the practice of nursing with particular reference to the specialist requirements of intellectual disability nursing and the emerging development of new legislation in these areas.

Progression

The student who completes year 1 of the programme can exit and receive a postgraduate diploma, or they can also progress to year 2 and upon completion receive a Master's degree. Graduates from the MSc may be in a position to progress to doctoral studies at AIT and elsewhere.

Contact Us

Dr Pearse Murphy

Head of Department of Nursing and Health Science

Ph: +353 (0) 90 647 1801

Email: pmurphy@ait.ie

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1-2 years Part-Time	Admissions Office Fees - €4,100	Applicants will have a BSc in Nursing/Midwifery or in any discipline of Nursing (General Nursing, Midwifery, Public Health Nursing, Intellectual Disability Nursing or Psychiatric Nursing), plus a minimum of three years' post-registration clinical nursing experience, two of which should be immediately prior to application.	

Leanaí agus an Óige Staidéir

Child & Youth Studies



Master of Arts in Child & Youth Studies

The MA in Child and Youth Studies aims to equip highly competent and motivated child and youth care workers and graduates of cognate disciplines with the knowledge and skills necessary to become leaders in the profession and to advance the field to internationally accepted standards of best practice. The programme has both a theoretical and practice-based focus.

Graduates of the programme will:

- Have a specialised knowledge of child development, risk and resilience
- Have advanced knowledge of the legislative framework affecting children and youth
- Appreciate and advocate the rights approach to the practice of child and youth work
- Have specific training in management of child and youth settings
- Be prepared to conduct, and to evaluate, research in relation to children and youth

What will I study?

Models of Care

Students will critically evaluate current models of care affecting children and young people.

Therapeutic Approaches and Interventions

Students will examine current evidence-based interventions with children and families and become

competent at delivering these interventions in practice.

Child and Youth Law

Students will gain advanced knowledge of, and critically evaluate, the legislative framework affecting children and young people.

Children's Rights

Students will gain a thorough and critical understanding of the rights-based approach to children and young people.

Management in Child and Youth Settings

This module will provide students with the necessary knowledge, skills, and confidence to manage and lead individuals and teams effectively in child and youth settings.

Research Methods

Students will gain a comprehensive knowledge of research methods appropriate for research with children and young people.

Dissertation

Students will complete a research dissertation on a specialised topic relating to children and/or young people. Where possible, students will be encouraged to relate their research to their own work environment.

Career Opportunities

Graduates of the programme can reasonably expect to rise to advanced positions within the child and youth sector and to be in a position to consider a more diverse range of career opportunities than those available to Bachelor degree level graduates. For example, in addition to the traditional roles of child and youth workers, graduates of the programme will be well equipped to take on professional roles in child and youth advocacy, in developing intervention based programmes, in conducting research and evaluating the effectiveness of programmes and in managerial, advisory and policy-development roles within the sector.

It is expected that graduates of the programme will be at the forefront of the development of the child and youth sector, in particular, in the context of its increasingly rights-based, legislative and research-based framework.

Additional Information

The MA in Child and Youth Studies is also offered on a part-time basis.

Contact Us

Oliver Hegarty

Head of Department of Humanities

Ph: +353 (0) 90 6442530

Email: ohegarty@ait.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	1 year Full-time or Part-time	Admissions Office Fees - €5500	Students are expected to have a minimum of an Honours Bachelor degree (level 8) at grade 2.2 in child/youth studies, social care or cognate discipline. Candidates with qualifications in social disciplines and relevant work experience will be eligible for the programme.	

Bainistíocht san Oideachas

Management in Education



Master of Arts in Management in Education

The Master of Arts in Management in Education programme provides an opportunity for participants to acquire knowledge and skills in key areas of educational leadership. The programme aims to provide participants with the necessary skills for effective educational leadership and management and to increase their self-confidence and efficacy.

The Master of Arts in Management in Education is a flexible modular part-time 90-credit programme suited to practitioners in all levels of education – Primary, Post Primary, Third Level, Further and Adult Education. This course is being offered in conjunction with the School of Education, Waterford Institute of Technology.

On successful completion of the programme, graduates will be able to:

- Demonstrate competency in strategic planning, mentoring, public relations, education law, financial management and information technology
- Demonstrate knowledge of educational leadership theory and related managerial functions
- Articulate and analyse personal values in educational leadership and management
- Evaluate their own practice in light of theoretical perspectives through critical reflection on your own practice and work environment
- Display and further develop autonomous professional leadership and managerial initiative
- Research complex educational managerial issues, make sound creative judgements on these and communicate your findings

What will I study?

Year One, Semester One

Academic Enquiry

Leading Learning

Education Law

During Semester One, modules to be undertaken in Semester Two and Year Two will be identified in partnership with the registered learners.

The possible module choices are as follows:

Enterprise and Innovation

Human Resource Management in Education

Information Technology in Education

Financial Management in Education

Mentoring

Public Relations in Education

Strategic Planning in Education

Practical Leadership

Research Methods in Education

Dissertation

- Be eligible for progression to programmes leading to a higher qualification such as a Doctoral Degree (level 10)

Additional Information

Full Timetable available from the Department of Lifelong Learning.

The fee is payable on a modular basis, i.e. from €700 to a maximum of €1400 per module.
€700 = 10 ECTS
€1400 = 20 ECTS.

Enquiries:

Tammy Darcy
WIT, Postgraduate Administrator
Ph: +353 (0) 51 302225
Email: tdarcy@wit.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	2 years Part-time	Lifelong Learning Fees - €6,300	A Primary Degree or equivalent. Three years Postgraduate Experience. Access to an educational organisation where management action research can be carried out.	

Cleachtas Cúraim Shóisialta

Social Care Practice



Master of Arts/Postgraduate Diploma in Advanced Social Care Practice

The Social Care profession is dedicated to protecting and assisting the most vulnerable in our society. Social Care Workers are on the front line in attempting to address pertinent social issues, such as child abuse, protection & welfare, domestic violence, mental health; as well as promoting and advocating for the rights and social inclusion of those who experience disadvantage in our society. Such a profession requires highly competent, confident and qualified persons with specialised training and knowledge of national and international best practice.

The future of Social Care depends on promoting high standards of: professional conduct, education, training and competence as outlined by *CORU 2016. In line with this, there is an onus on educational providers to deliver qualifications that prepare Social Care Workers to provide safe and appropriate care in line with best practice. It is also necessary to provide opportunities for Social Care Workers to keep their professional knowledge and skills up to date through Continued Professional Education (CPE).

What will I study?

Please refer online to the “Modules Offered” to find out more about the available modules.

The MA/PGDip. in Advanced Social Care Practice is designed to support Social Care Workers in extending their knowledge to a higher level and to enable them to utilise new and emerging techniques linked to evidence based practice. In this programme, there is a particular focus on current policy, strategy and quality considerations that impact on Social Care work. Ongoing sectoral consultation ensures that modules are up to date and current and are at the forefront of Social Care Work education and practice.

Application

Please download AIT Postgraduate Steps Application Form at:
www.ait.ie/postgraduatesteps

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	Part-time	Admissions Office Fees - €750 per module	Candidates must hold a BA (Honours) Degree in Level 8 Applied Social Studies/Social Care or cognate discipline and must be currently employed in the Social Care sector.	

Current students on the programme must subsequently complete the Postgraduate Steps - Module selection form - Social Care Practice when choosing their next module.

Commencing

September and January of the current academic year.

Academic Avenue

- Students who wish to complete the MA in Advanced Social Care Practice must complete any four modules (10 credit modules), as well as the Research Methods and Dissertation modules
- Those wishing to acquire a Postgraduate Diploma in Advanced Social Care Practice must complete six modules (10 credit modules), excluding the Research Methods and Dissertation modules
- Those wishing to acquire single subject certification may do so and exit with a Minor Award in Master of Arts on Advanced Social Care Practice (single subject certification)

Progression

Graduates of the Postgraduate Diploma can also progress to the MA in Child and Youth Studies.

Graduates of the MA in Advanced Social Care Practice can progress to study at PhD level.

Career Opportunities

Graduates of the programme can reasonably expect advance to more senior positions within the social care sector, and to be in a position to consider a more diverse range of career opportunities than those available to bachelor degree level graduates. For example, in addition to the traditional roles of social care workers, graduates will be well equipped to take on professional roles in advocacy, in developing intervention based programmes, in conducting research and evaluating the effectiveness of programmes; and in managerial, advisory and policy-development roles within the sector.

It provides a flexible approach to upskilling in line with Continuing Professional Development (CPD). It is expected that graduates will be at the forefront of the development of the social care sector, in particular, in the context of its increasingly rights-based, legislative and research-based framework.

Additional Information

Postgraduate Steps is supported by Work-Based Learning at AIT and by the Education in Employment initiative.

*CORU is Ireland's multi-profession health regulator. Its role is to protect the public by promoting high standards of professional conduct, education, training and competence through statutory registration of health and social care professionals. More details are available are <https://www.coru.ie/>

Contact Us

Please contact the Admissions Office:

Ph: +353 (0) 90 6468130

Email: admissions@ait.ie

Alternatively, contact

Pearl Moore

Programme Coordinator at

Email: pgsteps@ait.ie

Oliver Hegarty

Head of Department of Humanities

Ph: +353 (0) 90 6442530

Email: ohegarty@ait.ie

Cosaint agus leas leanaí

Child Protection & Welfare



Special Purpose Award in Child Protection & Welfare

This Level 8 special purpose award (subject to final approval) is designed to enable health professionals to explore child protection and welfare issues in a variety of health care settings. It is intended for registered nurses, registered midwives, community health nurses, public health nurses and other professionals working with children.

On completion of this course, you will be able to:

- Review and assess evidenced-based information including legislative documentation
- Critically evaluate the principles underlying child protection and welfare issues
- Critically review and evaluate appropriate child protection/welfare policies and strategies
- Critically review the appropriateness and effectiveness of reporting child welfare/protection concerns
- Critically appraise the clinical, legal and ethical issues in relation to child protection and welfare
- Demonstrate the critical skills necessary for effective communication within the interdisciplinary and interagency teams

The student will be expected to complete a case study of a client with needs in relation to the student's clinical environment. This will be presented by the student as an assignment and will be submitted at the end of the module. Case presentation as part of a team will be presented in relation to the student's clinical environment (all names will be disguised). This will be presented by the student in class. This assessment will adopt a critical approach in order to measure all learning outcomes associated with the module.

This course will be delivered over one semester and will require attendance in the institute for 6 days. Lectures will be held on Wednesdays from 9am-5pm.

Contact Us

Applications to the AIT web site
www.ait.ie specific link,
 Admissions office or to
Siobhan Kelly
Email: skelly@ait.ie

Oliver Hegarty
 Head of Department of Humanities
Ph: +353 (0) 90 6442530
Email: ohegarty@ait.ie

	NFQ level	Duration	Apply to
	8	6 Days Part-Time	Admissions Office Fees - €600

Deireadh an chúraim saol

End of Life Care



Special Purpose Award in End of Life Care

This Level 8 special purpose award is designed to enable health professionals to explore end of life issues in a variety of health care settings. It is intended for registered nurses and health professionals with relevant experience in the health services.

On completion of this course, you will be able to:

- Review and assess evidenced-based literature in relation to end of life care
- Critically evaluate the principles underlying communication and its impact on planning and providing care for clients with multiple and complex issues at end of life
- Critically reflect on the strategies related to the holistic assessment of patients and their families integral to their end of life
- Critically review the appropriateness and effectiveness of care pathways and international assessment tools in relation to end of life care.
- Critically appraise the process of grief and individual spiritual beliefs on the client and the family faced with bereavement

The student will be expected to complete a case study of a client with end of life care needs in relation to the student's clinical environment. This will be presented by the student as an assignment and will be submitted at the end of the module. The case study will consist of reviewing the strengthening of a relationship between a client and the health professional and incorporate some personal reflection.

This course will be delivered over one semester and will require attendance in the institute for 6 days. Lectures will be held on Tuesdays from 9am-5pm.

Contact Us

Marva Fitzpatrick

Ph: +353 (0) 90 647 1868

Email: mfitzpatrick@ait.ie

Application forms are available to download from AIT website www.ait.ie or from the Admissions Office,

Ph: +353 (0) 90 646 8130/813

Email: admissions@ait.ie

	NFQ level	Duration	Apply to
	8	6 Days Part-Time	Admissions Office Fees - €600

Staidéar lachtadh

Lactation Studies



Special Purpose Award in Lactation Studies

The aim of this Level 8 course (10 ECTS) is to provide the student with knowledge and skills to implement and evaluate quality care related to breastfeeding in hospitals and the community. The course is aimed at those working in health promotion, community support and health care settings. It can be used towards fulfilling the educational requirements of the International Board of Lactation Consultant Examiners.

On successful completion of this course the student will be able to:

- Access and assess evidenced-based information and use academic writing skills as elements of ethical/professional/quality practice
- Critically examine how the criteria of national and international quality programmes are reflected, or not reflected, in health care services in Ireland
- Communicate effectively including listening, seeing and speaking

What will I study?

Syllabus content

Professional / quality practice

Evidence-based care: accessing information, computer skills, critically reading evidenced based articles, academic writing skills. Principles of ethical practice, advocacy and protection.

Initiatives for Quality Care

WHO/UNICEF Baby Friendly Hospital Initiative, HIQA, Clinical Governance and Accreditation, Health Promoting Hospitals, Patient Safety, NICE and other Guidelines, Measurement and Evaluation for Quality.

Effective Communication

What is it? Listening and learning, building confidence. Using effective communication skills to promote, support and assist breastfeeding.

Planning for improving care

Stages of change in self, co-workers and mothers & families, communication towards behaviour change. Action planning, why and how.

Skills to promote breastfeeding

Discuss during pregnancy, labour and birth practices that promote early breastfeeding; promoting breastfeeding/milk expression in the neonatal/paediatric setting; practices that assist breastfeeding in the wider community.

Skills to support breastfeeding

How milk gets from breast to baby, normal feeding and growth patterns, assessing milk transfer, referral – when and where.

- Describe the process of change and acting as an agent for change and prepare an action plan to improve quality of care related to breastfeeding
- Demonstrate basic skills to promote breastfeeding (in a simulated setting)
- Demonstrate basic skills to support breastfeeding (in a simulated setting)

The module is assessed by in-class activities, demonstration of effective skills in a simulated setting and development of an action plan to improve quality of practice including a 1,000-word paper.

Students on the course have access to AIT's library and other student facilities on campus.

Career Opportunities

May be useful in career progression as a lactation consultant.

Contact Us

Dr Pearse Murphy

Head of Department of
Nursing and Health Science

Ph: +353 (0) 90 647 1801

Email: pmurphy@ait.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	6 Days Part-Time	Admissions Office Fees - €600	A health worker or social care related qualification of at least Level 7 or a qualification recognised for work in this area. Applicants must otherwise demonstrate interest and academic ability to undertake the course.	

Iompair inní

Behaviours of Concern



Special Purpose Award in Behaviours of Concern

This 10 ECTS credits programme is designed for nurses as an introduction to the domain of challenging behaviour.

Progression

Completion of this special purpose award may lead to further study in the Higher Diploma in Behaviours of Concern.

Professional Recognition

An Board Altranais approved programme.

Career Opportunities

May be useful in career progression to CNS or CNM positions.

Contact Us

For further information please contact

Bernie O'Brien

Ph: +353 (0) 90 647 1836

Email: bobrien@ait.ie

Oliver Hegarty

Head of Department of Humanities

Ph: +353 (0) 90 6442530

Email: ohegarty@ait.ie

What will I study?

Behaviours of Concern



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	6 Days Part-Time over 12 weeks	Admissions Office Fees - €600	Applicant must be An Bord Altranais agus Cnaimhseachais na hEireann /the Nursing and Midwifery Board of Ireland Registered Nurse, or at least equivalent professional grade in the HSE working in the intellectual disability services.	

Saolré Iompair imní

Lifespan Behaviours of Concern



Higher Diploma in Behaviours of Concern across the Lifespan

This programme is designed for nurses to enable them to reflect systematically on their practice and to contribute to the development of nursing knowledge, theory and practice in the area of challenging behaviour. The delivery mode allows students to acquire a qualification over an academic year.

Progression

Further study to a Masters in Nursing either taught or by research.

Professional Recognition

An Bord Altranais approved programme.

Career Opportunities

May be useful in career progression to CNS or CNM positions.

Additional Information

The closing date for receipt of applications is 1 June. Applications received after this time will only be considered if places are still available on the course. Applications should be returned to the Admissions Office, AIT.

Contact Us

Oliver Hegarty
Head of Department of Humanities
Ph: +353 (0) 90 6442530
Email: ohegarty@ait.ie

What will I study?

Communication and Health Service Management

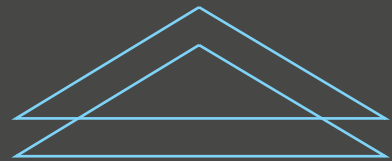
Behaviour Analysis

Assessment of Challenging Behaviour

Health Related Research

Behaviour Management Strategies/Positive Skills Programme

Clinical Placement



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	1 year Part-Time	Admissions Office Fees - €4,100	Applicant must be An Bord Altranais agus Cnaimhseachais na hEireann/the Nursing and Midwifery Board of Ireland Registered Nurse, or at least equivalent professional grade in the HSE working in the intellectual disability services.	

Altranais Seaneolaíoch

Gerontology Nursing



Special Purpose Award in Gerontology Nursing

The aim of this 10 ECTS programme is to equip the Registered Nurse with specialised up-to-date relevant knowledge and skills to enable him/her to function effectively as a healthcare provider in gerontology.

The knowledge gained will be evidence-based and aimed at bridging the gap between theory and practice.

The learning outcomes will equip the student to critically evaluate, develop and review the national and international health policy and its impact on the provision of healthcare for older people in Ireland.

Further information

Please contact the course coordinator,

Beatrice Moran

Ph: +353 (0) 90 646 8061

Email: bmoran@ait.ie

Applications to the Admissions Office

Ph: +353 (0) 90 646 8130/8131

Email: admissions@ait.ie

What will I study?

Gerontology Nursing

*Continuous assessment,
further details will be given on
commencement of the course*



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	6 Days Part-Time	Admissions Office Fees - €600	Applicants must be registered with An Bord Altranais agus Cnaimhseachais na hÉireann/ the Nursing and Midwifery Board of Ireland	

Cleachtas Cúraim Shóisialta

Social Care Practice



Dissertation (MA in Advanced Social Care Practice)

This module is mandatory for the MA in Advanced Social Care Practice.

Its aim is to provide the student with an opportunity to undertake an empirical study in the area of social care which will involve the use of research methods, decision-making and problem solving techniques.

On successful completion of this module the student will be able to:

- Select a research question and design an empirical study to answer the question which is both feasible and appropriate
- Identify the appropriate theoretical background and carry out the necessary investigations
- Carry out the required data collection and analyse the findings
- Produce a logical and coherent dissertation of the standard expected from Master's level students

Each student will be assigned an individual supervisor. The supervisor will meet the student at regular intervals.

Additional Information

The Master of Arts in Advanced Social Care Practice is supported by Work-Based Learning at AIT and by the Education in Employment initiative.

Contact Us

Oliver Hegarty

Head of Department of Humanities

Ph: +353 (0) 90 6442530

Email: ohegarty@ait.ie



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	9	Part-Time	Admissions Office	*Applicants must have the Research Methods module & 3 other modules from the Postgraduate Steps suite of modules completed prior to registering for this module.	





Higher Diploma Programmes

Higher Diploma in Business	56
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Gnó

Business



Higher Diploma in Business

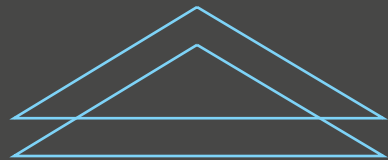
This HDip in Business will provide you with formal education and training in business disciplines for graduates with a non business background. Holders of the qualification will normally be expected to enter employment with a strong business background, which will complement the qualifications already acquired.

Course Objectives

- To provide students with conceptual framework, knowledge and skills which will enable them to understand a complex and changing business environment
- To enable students to acquire an understanding of the respective importance and the interrelationship between the different disciplines and functions in the modern business, with a focus on enterprise development and project management
- To develop students' understanding of the finance function and its importance in a modern business environment
- To develop the students' personal development in terms of vision, drive and creativity and to enable them to undertake a critical study of business

What will I study?

Human Resource Management
Financial Statement Analysis
Economics and The Business Environment
Management, Strategy and Change
Enterprise Development and Project Management
Marketing Management
Business Law
Business Applications



	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	1 year Full-time	Admissions Office Fees - €3,500	Students are expected to have a minimum of a Bachelor degree (Level 7 or 8) in any non-business discipline.	

Progression

As a graduate of this Level 8 programme, you are eligible to be considered for the Master of Business one-year, full-time programme at AIT. Alternatively, you may decide to pursue postgraduate study at another institution.

Career Opportunities

As a graduate of this programme, you will have a wide range of skills and will be well suited to gain employment across a broad range of industries building on your original qualification(s), but now enhanced with this business qualification.

Contact Us

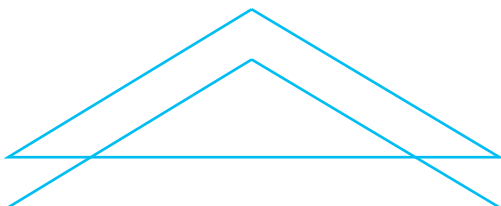
Owen Ross

Head of Department of Business Studies

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**82% of Business
taught Postgraduate
students would
choose AIT if they
were to begin again
in higher education**



Ríomhaireachta

Computing



Higher Diploma in Computing

Holders of the qualification will normally be expected to enter employment involving programming, business analysis and information systems, with a view to progressing to a managerial position. They will also be suitable for vacancies in a smaller organisation where a broader base of knowledge and skills is required, while a career in computer hardware/software sales is another realistic objective.

Course Objectives

- To enable students to develop an understanding of the key competencies involved in business analysis, as well as the theoretical concepts and practical aspects associated with the implementation of information systems solutions
- To enable students to develop an understanding of the key programming concepts
- To facilitate students in developing a critical awareness of the strategies and methodologies used in providing computerised solutions to business related problems
- To prepare students to plan, design, implement and review a project using the necessary supervisory and interpersonal skills in accordance with accepted principles of effective change management

What will I study?

Systems Analysis and Design
Database Applications
Computer Technology
Enterprise Applications
Web Design and Development
Object Oriented Programming
System Development and Implementation

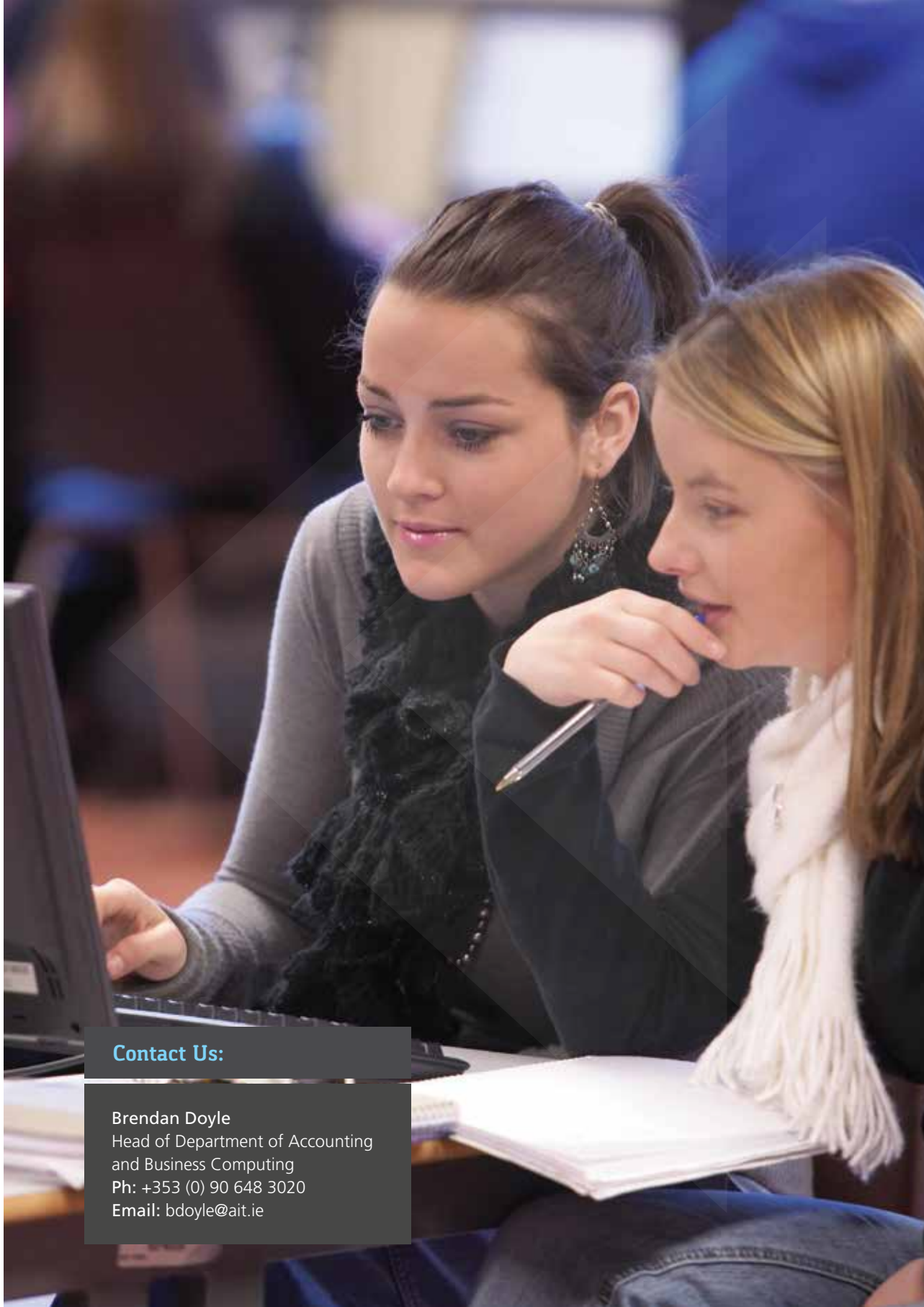
Progression

As a graduate of this Level 8 programme, you are eligible to apply to progress to the MSc in Software Engineering at AIT.

Career Opportunities

As a graduate of this programme, you will have a wide range of skills and will be well suited to gain employment across a broad range of industries building on your original qualification(s), but now enhanced with this business computing qualification.

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	1 year Full-time	Admissions Office Fees - €3,500	Students are expected to have a minimum of a Bachelor degree (Level 7 or 8) in any non-computing discipline.	



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Fiontraíocht

Entrepreneurship



Higher Diploma in Entrepreneurship

The Higher Diploma in Entrepreneurship runs for up to 20 weeks over two semesters, starting in September and finishing April/May. The programme is delivered through InnovAIT – AIT's Entrepreneurship Academy, located in MIRC – Midland Innovation & Research Centre.

This programme is exceptionally unique, it is highly flexible and customizable to meet the specific needs and challenges of each participant as these needs/challenges arise.

The structure of the programme is divided into two main themes specifically focusing on the entrepreneur as a professional and the technical skills/knowledge to enable the participant to successfully build their business while responding to challenges in a highly dynamic business environment. You will benefit from a rich learning experience with the focus on 'learning by doing'.

What will I study?

The primary method of content delivery is through workshops of three hours duration, which will focus on themes such as:

- the entrepreneurial mindset
- business model development & entrepreneurial strategy
- innovation and creativity
- marketing strategy
- operations and lean start-up
- entrepreneurial finance
- the pitch – selling your business idea and business plan

	NFQ level	Duration	Apply to	Minimum Entry Requirements	
	8	1 year Full-time	Admissions Office Fees - No Fee	<p>Participants must hold a Level 7 qualification in any discipline to be eligible. Mature students may be eligible through AIT's RPL (Recognition of Prior Learning) process on satisfactory submission of an RPL portfolio.</p> <p>In addition, an outline of an idea, which the participant wishes to bring to fruition, will be considered as part of the interview process in advance of acceptance onto the programme.</p>	

The professional development element of the programme is focused on building awareness around the entrepreneurial journey and the professional challenges in developing a successful enterprise. The 'Business Model Generator' – developed by Stanford University providing a framework for your professional development.

The technical development element of the programme will introduce you to key concepts, models and frameworks to professionally develop your business proposition to a high standard which is 'investor ready'. The 'Business Model Canvas' will provide the framework for the technical development.

Participants on the programme, will be allocated at least two mentors, who will provide advice, assistance and guidance. Academic mentors will have an industry background, while the industry mentors will have highly relevant industry experience and/or start-up business experience. You will receive a toolkit to succeed in any business, large or small, for profit or not for profit, domestic or global.

Contact Us

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Director, InnovAIT – Entrepreneurship Academy

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Research at AIT



AIT plays a central role in the Midlands and Ireland's economic development through its education, research and innovation programmes. AIT has three strategic research institutes in Materials (MRI), Biosciences (BRI) and Software (SRI) whose research thrusts are aligned with key regional and national priorities. These research institutes have developed international collaborations with leading multinational companies and universities in Europe, Asia and the US, along with supporting indigenous industry.

AIT also host two national Enterprise Ireland-funded translational research centres in Polymer; APT (Applied Polymer Technologies www.aptireland.ie) and in software; COMAND (Connected Media www.comand.ie). Further research clusters exist within our three Faculties of Business & Hospitality, Engineering & Informatics and Science.

Research opportunities at AIT for both Master's and doctoral studies are many and varied. As a postgraduate researcher you will find yourself part of a vibrant, energetic and growing international research community working on leading edge research challenges. AIT has a purpose built postgraduate Research Hub which includes purpose-built research workspace, seminar, social space and technology platforms.

AIT provide postgraduate student-centric doctoral research and education programme reflecting the level of expertise and the calibre of research undertaken in Athlone. AIT is committed to meeting the needs of the knowledge society and the doubling of the number of doctoral students by 2018.

Collaboration with industry is a hallmark of many facets of AIT life. This is particularly true of our research activities, where AIT is a recognised leader in

collaborative R&D projects. AIT is one of the top knowledge providers in collaborative R&D projects completed under Enterprise Ireland's Innovation Vouchers and Innovation Partnership schemes.

Our research plans are ambitious and framed with the needs of the region and the country in mind. We are committed to being a research led Institute. Whether you are a staff member of AIT, a research partner or potential postgraduate student, we welcome your engagement with us and look forward to hearing from you.

AIT is the holder of the prestigious award of the 'HR Excellence in Research'. This award acknowledges Athlone Institute of Technology to help promote itself as a provider of a stimulating and favourable work environment for researchers and staff. The award reflects AIT's commitment to continuously improve our human resource policies in line with the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, notably our commitment to achieve fair and transparent recruitment and appraisal procedures.

Contact Us

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Funded Programmes Manager

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take your next step

Connect & Discover



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