



# Atlantic Technological University

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Réamheolaire Iarchéime  
Postgraduate Prospectus

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Your Masters  
Your Way



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# Fáilte chuig Ollscoil Teicneolaíochta an Atlantaigh

## Welcome to Atlantic Technological University

As recent graduates or industry professionals, I have no doubt you have professional or personal goals and aspirations that you are aiming to achieve. And for many of you, the next step to achieve those goals is to return to academia to continue your learning journey. This prospectus will guide you through the wide range of postgraduate programmes available in Atlantic Technological University, one of Ireland's largest universities.

At ATU, we offer a rich combination of academic and research excellence, quality of life and opportunity, all of which can be experienced at our campuses in the west and northwest of Ireland, or through our impressive portfolio of online programmes.

Our focus has always been to deliver a flexible postgraduate learning experience designed to suit your personal and professional commitments. With over 115 Masters programmes and a wide range of study options to choose from, ATU can provide you with the opportunity and choice to achieve your postgraduate qualification, at your own pace and in a way that suits you.

From the outset, we aimed to become a Technological University of scale, quality, access and impact, with a greater capacity for collaboration with regional, national and international partners. Our focus is to enable education and improve access to higher

education, while our work on innovation, entrepreneurship and community engagement is already having a direct impact. Our research activities are helping to address some of the region's most pressing challenges, such as climate change and sustainable development. Our ethos of inclusion and diversity contributes to meaningful outreach and community initiatives.

As our university continues to develop and grow, we look forward to embarking on this exciting postgraduate journey with you, shaping a future of shared success and possibilities. Whether you are an undergraduate continuing your studies, an ATU alumnus seeking to return to our university, an international applicant in search of a new adventure, or simply looking to upskill and progress in your career, ATU welcomes you as a lifelong learner.

Your decision to undertake postgraduate study is an important one, and we are here to provide you with all the support and guidance you need to embrace your potential, your way, at ATU.



**Dr. Orla Flynn**  
**Uachtarán/President**

Ollscoil Teicneolaíochta an Atlantaigh  
Atlantic Technological University



# Ollscoil Ilchampaís

## Our Multi-Campus University

Atlantic Technological University (ATU) is a multi-campus technological university in the west and north-west of Ireland that delivers a rich combination of academic and research excellence, quality of life and opportunity.



### ATU Galway City, Dublin Road

ATU Galway City's building on the Dublin Road is one of Galway's iconic landmarks due to the three distinctive sail-shaped copper panels at the front of the main building. It offers undergraduate and postgraduate courses in business, science, computing, engineering, culinary arts, hospitality, tourism and heritage. Located in the heart of Galway's thriving business parks, the campus offers ease of access for those wishing to undertake blended learning.

### ATU Galway City, Wellpark Road

ATU Galway City's building on the Wellpark Road is located even closer to Galway City centre. The location is a hive of creative activity and is home to several creative enterprises. It offers programmes in design, art, film and documentary, creative media and storytelling, animation and game design, and teaching (art, design and graphics).

### ATU Mayo

ATU Mayo offers courses in nursing, social care, early childhood education and care, community development and youth work, sustainability, outdoor education, history and geography at undergraduate and postgraduate level. Co-located with the Mayo University Hospital in Castlebar, the campus has a distinct strength in upskilling and continuous professional development for Nursing and Healthcare practitioners.

### ATU Connemara

ATU Connemara is located along a stunning coastline just over an hour from Galway City. The campus is home to over 200 students, studying a range of degree courses in furniture design and technology. The campus boasts state-of-the-art workshop facilities with the most advanced machinery and computer technology.

### ATU Mountbellew

ATU students in Mountbellew can choose between degrees in rural enterprise and agri-business, agri-engineering or agri-science. Students spend their time between the Mountbellew campus (one hour drive from Galway City) and the ATU Galway City Campus.

### ATU Donegal

ATU Donegal is a modern campus offering 40 postgraduate programmes across three faculties of Engineering and Technology, Business, and Science. Built on a foundation of strong collaboration with industry, Donegal offers flexible learning experiences that deliver real skills needed in the regional and national economy, particularly in areas of Technology, Nursing & Healthcare and Business Leadership.

### ATU Killybegs

The Killybegs campus is in Ireland's premier fishing port which is rich in tradition and heritage. Students experience small class sizes and a personal approach to learning in a flexible and welcoming setting. The campus has an impressive reputation for delivering exceptional academic programmes in culinary arts, hospitality and tourism.

### ATU Sligo

ATU Sligo works in collaboration with industry to offer a significant portfolio of online and flexible learning programmes to meet skills needs within the region and beyond. With strengths in the Biopharma and MedTech sector, as well as accredited programmes in Engineering, ATU Sligo offers students the opportunity to advance their career in a flexible and supportive environment.

### ATU St Angelas

ATU St Angelas courses are delivered across a range of disciplines including Education, Special Education, Nursing, Health Sciences, Disability Studies and Home Economics, from Level 7 up to PhD Level 10. Students experience a personal approach to learning with many courses offering a balance of theory and practical elements to enhance their skills for the world of work.

### Learn Online

As a leader in online learning in Ireland, ATU gives you the opportunity and choice to learn your way, by attending live and recorded lectures through our online learning platform. Engage in discussions, live chat and interact with fellow students and lecturers, all from the comfort of your home or at work.



# An Cúrsa Iarchéime Ceart a Roghnú Choosing the Right Postgraduate Course

Embarking on a Masters degree journey is a significant decision, and the first crucial step is selecting the programme that aligns best with your aspirations and ambitions. Your Masters degree will not only deepen your knowledge but also shape your career trajectory. We're here to help you choose the best Masters course for you.

Start by reflecting on your passions, interests, and strengths. What drives you? What topics or fields ignite your curiosity? Your Masters programme should be a meaningful extension of your academic journey and a path to fulfilling your career ambitions.

Consider the practical aspects as well. What are the employment prospects in your chosen field? Does the programme offer opportunities for internships, research, or practical experience? How does the curriculum align with industry trends and future demands?

Don't forget about the learning environment. Are you looking for a traditional classroom experience, an online programme, or a combination of both? Think about the location, class size, and the resources available to support your studies.

Financial considerations are also essential. Investigate scholarship options, tuition costs, and the potential return on investment for your chosen programme. Balancing your financial commitments with your educational goals is a crucial part of the decision-making process.

Lastly, seek advice and guidance from mentors, lecturers, and current students. Their insights can provide valuable perspectives and help you make an informed decision.

Remember, your Masters course is not just a stepping stone; it's a transformative experience that can shape your future. Choose wisely, and let your passion, dedication, and ambition guide you toward the programme that will unlock your full potential and lead you toward a brighter tomorrow.

## **Career Guidance Supports**

For ATU undergraduates, career guidance services are available on each campus, helping you to choose the right Masters course for you. They advise on career options and postgraduate studies whilst also assisting with CV and interview skills. Their teams have well established links with local, national and international employers. Throughout the year they organise a range of workshops, careers fairs and employer skills talks.

My Career Path is an online 1-to-1 mentoring service available from ATU for people in the workplace, returners to education, entrepreneurs seeking to upskill and people looking to accelerate their career and progress within their organisation. Visit [www.mycareerpath.ie](http://www.mycareerpath.ie) for more information.

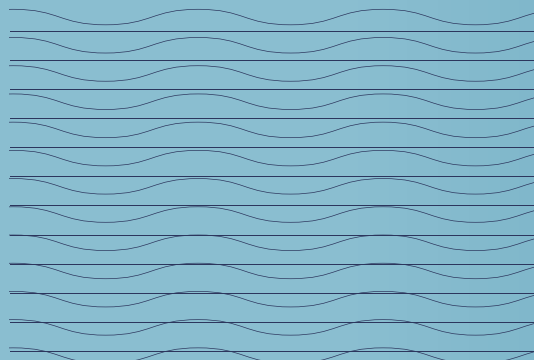
## **Postgraduate Information Events**

ATU hosts a series of Postgraduate Information Events throughout the year, both in-person across our campuses and online. These events are a fantastic opportunity to explore the full range of postgraduate courses, supports and services available to you, and to ask lecturers questions about your chosen study area. For more information and to register for events, visit [www.atu.ie/masters/events](http://www.atu.ie/masters/events)

# Disciplíní in OTA Disciplines at ATU

At Atlantic Technological University, we invite you to embark on a transformative educational journey across a diverse spectrum of disciplines. Our commitment to academic excellence and innovation extends to each of these fields, offering you a world of opportunities to explore, learn, and thrive.

Whether you are an undergraduate, an industry professional looking to upskill or someone seeking a career change, our courses have been tailored to open doors to exciting and rewarding opportunities.



## Business

Our business programmes are designed to equip you with a deep understanding of finance, management, marketing, and entrepreneurship. Whether you aspire to lead organisations or drive entrepreneurial ventures, our business disciplines are your gateway to a world of possibilities.

## Design, Education and Humanities

Through our education programmes, we empower you to shape the future of education through innovative teaching practices, educational leadership, and curriculum development. Join us to inspire the next generation of learners from early years right up to third level education, and make a lasting impact on education systems worldwide.

The area of Design at ATU is a catalyst for creativity. Our courses provide accessible learning experiences across creative, design and media disciplines that engage with and build on the rich cultural legacy and the creative soul of our region.

Social Science programmes will examine social issues from many perspectives including Leadership, Social Care and Social Justice, equipping you with the knowledge, skills, and ethical insights needed to excel in your chosen path.

## Engineering and Computing

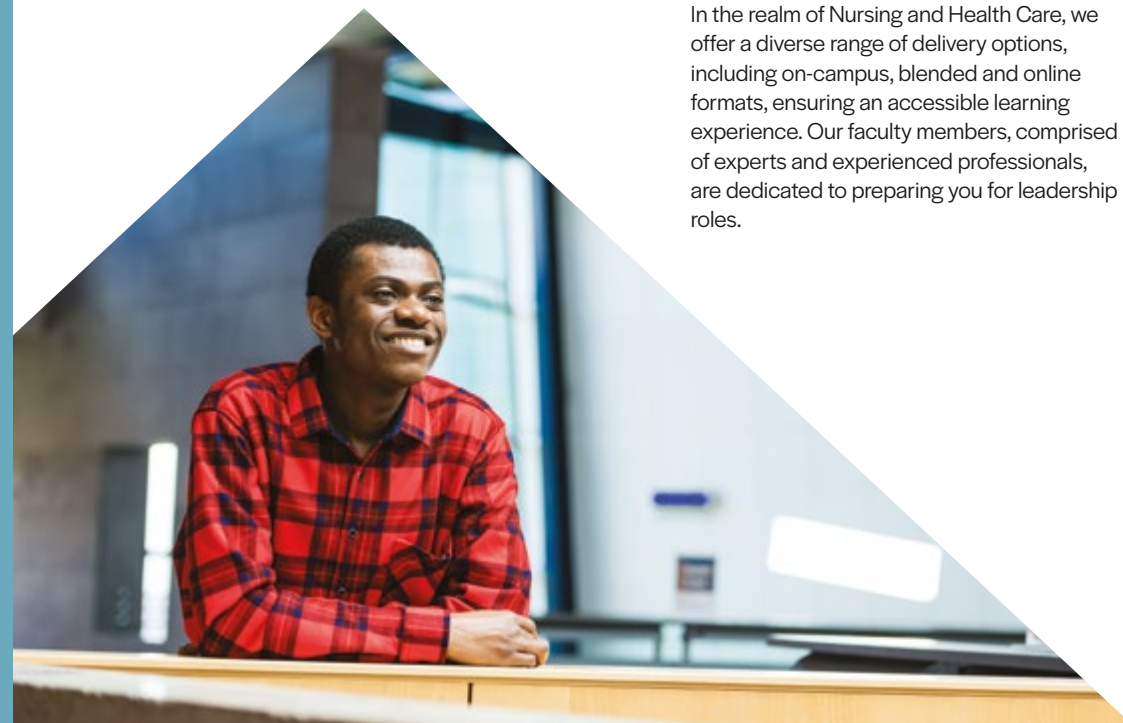
At ATU we offer a wide range of Engineering Masters programmes, from the Built Environment to Digital Manufacturing and Quality courses. Across all our programmes we place a strong emphasis on practicals, projects and professional accreditation. Many of our Engineering courses are accredited by relevant industry bodies, such as Engineers Ireland, the Chartered Institute and the Society of Chartered Surveyors of Ireland (SCSI). This recognition ensures that your credentials are not just a testament to your skills but also open doors to the best opportunities in your chosen profession.

The area of Computing, Software, Electronics & Technologies offers several on-campus, blended and online Masters programmes, giving students the opportunity to learn about the latest technologies and to gain hands-on practical experience, resulting in the University producing exceptional graduates in this area.

## Science and Health

ATU takes pride in offering a spectrum of Masters programmes that span Environmental Science, Life Science, Exercise Science and Nutritional Science. As a testament to our dedication to excellence, we've forged a strategic alliance with the National Institute for Bioprocessing Research and Training (NIBRT).

In the realm of Nursing and Health Care, we offer a diverse range of delivery options, including on-campus, blended and online formats, ensuring an accessible learning experience. Our faculty members, comprised of experts and experienced professionals, are dedicated to preparing you for leadership roles.



# Roghanna Staidéir

## Study Options

At Atlantic Technological University, we understand that every student's journey is unique, and we are committed to providing a range of flexible, part-time and full-time study options to suit your needs and aspirations. Whether you're looking for an immersive on-campus experience, the convenience of online learning, or something in between, we have the perfect Postgraduate study option for you.

### **Pathways to your Masters**

Our courses follow the ladder structure system, meaning you can build your Masters gradually, at a pace that suits you. Students with a Level 8 qualification, or students whose industry experience qualifies them for Recognition of Prior Learning, may choose to start their journey with a Postgraduate Certificate or Postgraduate Diploma, where available. Upon completion of the Postgraduate Diploma, students will then have the option to progress on to Masters level, by completing a research project or dissertation.

### **On-Campus Learning**

Immerse yourself in the vibrant academic atmosphere of our campuses. With state-of-the-art facilities, libraries, and collaborative spaces, our on-campus courses provide an enriching and interactive experience. Engage with faculty and fellow students face-to-face, participate in research projects, and enjoy the full campus experience.

### **Blended Learning**

For those who seek flexibility, our blended programmes seamlessly combine on-campus and online elements. You'll benefit from the convenience of remote study while still enjoying the benefits of in-person interaction during designated on-campus sessions. It's the perfect balance for today's busy professionals.

### **Online Learning**

Learn online with ATU by attending live lectures through our online learning environment. Simply log on from work, home, or anywhere in the world, and be part of weekly lectures. Engage in discussions, live chat, and interact with fellow students and lecturers. Unable to attend? Recorded sessions are available within hours, so students can watch back at a time that suits them.

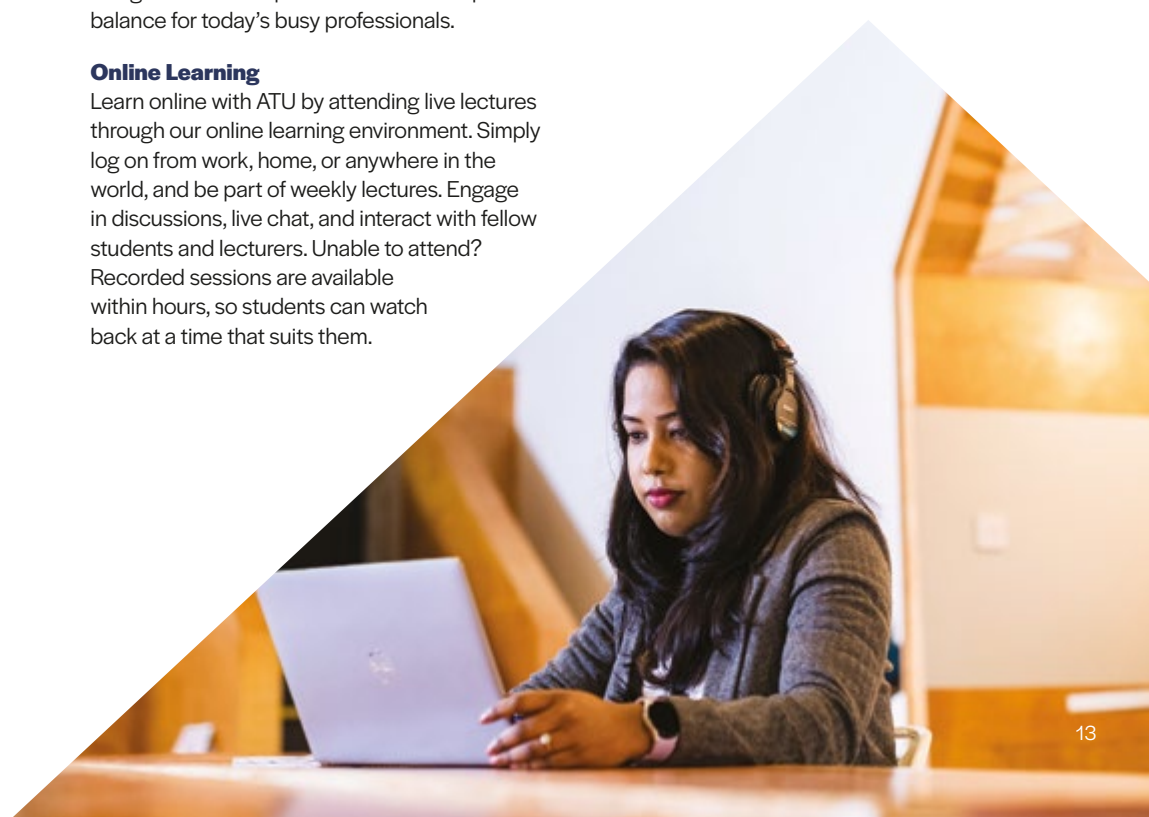
### **Part-Time Study**

If you're working or have other responsibilities, our part-time postgraduate courses offer the flexibility you need. Spread your studies over an extended period, making it easier to maintain a work-life-study balance.

### **Full-Time Study**

Dive into your studies intensively with our full-time postgraduate courses. Ideal for those looking to complete their degree quickly and focus exclusively on their education. Our full-time options offer an immersive and concentrated learning experience.

Whichever study option you choose at ATU, you can expect the same high-quality education, dedicated faculty, and a supportive community that defines our university. Our commitment to your success remains unwavering, no matter how you choose to pursue your Masters degree.



# Rochtain & Cuimsiú

## Access and Inclusion

At ATU we understand that everyone's learning journey may be different. We offer a range of supports whether you are progressing from undergraduate to postgraduate study or returning to higher education, while balancing work commitments.

Services are tailored to the needs and stages of your learning journey, ensuring you have access to the right supports along the way.

### Online Student Advisors

For students choosing to study an online course at ATU, you will receive help and support from our dedicated team of Online Student Advisors who will be there to assist you throughout your studies. Each Online Student Advisor is dedicated to a different subject area to ensure they have the expertise required when answering your queries. They will be your first point of contact for any non-academic queries or questions you may have and can provide you with any further information, support or guidance you might require throughout your application process and studies at ATU.

### Student Supports

No matter which study option you choose, postgraduate students at ATU have a range of supports available to them on their learning journey including access to academic writing and maths support, learning and disability support and library services.

### Equality, Diversity & Inclusion at ATU

ATU is committed to being a diverse, equal and inclusive university. We ensure we can all work and learn in an environment defined by dignity and respect, where diversity is celebrated and everyone is treated fairly, regardless of gender, age, race, disability, ethnic origin, religion, sexual orientation, civil status, family status, membership of the travelling community or socio-economic status. Further information is available at [www.atu.ie/edi](http://www.atu.ie/edi)

### Recognition of Prior Learning

Learning happens everywhere. Through experience in work, volunteering, and involvement in sporting or community groups. ATU recognises that all learning counts, and gives it value through a process called Recognition of Prior Learning, or RPL.

The RPL process allows you to use your prior learning experiences to apply to programmes at ATU, through documenting your formal learning, non-formal learning and informal learning.

### Applicants can use RPL to gain:

1. Entry to a programme, if you don't meet the formal entry requirements.
2. Advanced entry to a programme, commencing your studies in Year 2, 3 or 4, depending on your level of previous knowledge or experience.
3. Module exemptions.

ATU's RPL co-ordinators are standing by to support your next steps and to document your learning experiences for assessment. To apply for a course through Recognition of Prior Learning, please visit [www.atu.ie/rpl](http://www.atu.ie/rpl)

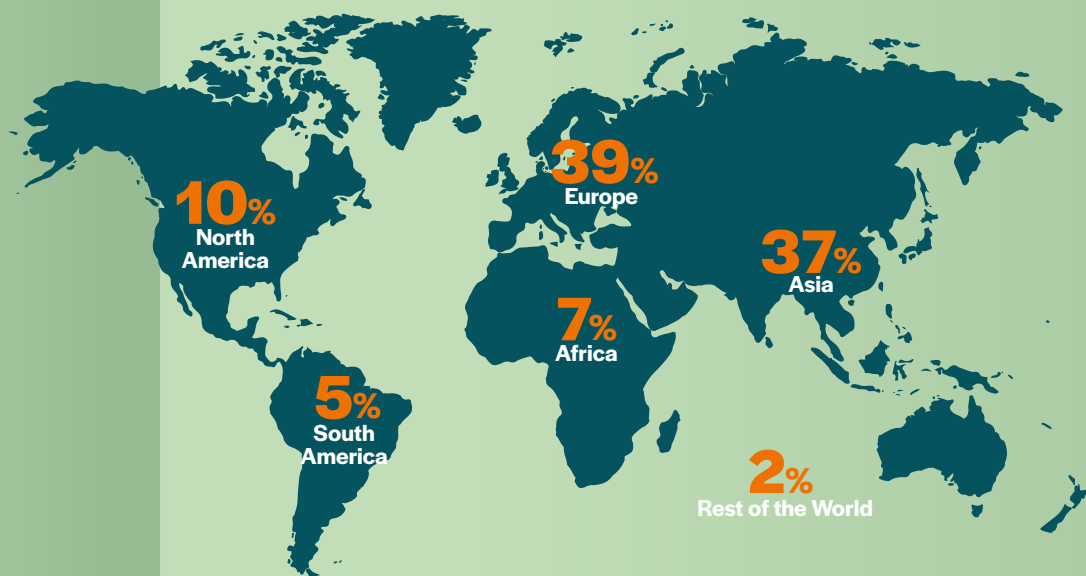




# ATU Global

ATU is a multicultural university with over 90 countries represented in the student population. With our campuses along the Wild Atlantic Way, you can look forward to stunning landscapes, breath-taking views and exciting outdoor adventures when studying on-campus.

International applicants can find more information and contact details for our International Offices at [www.atu.ie/international](http://www.atu.ie/international)



**90+**  
Countries  
Represented

**2169**  
International  
Students

**639**  
Studying at  
Postgraduate  
Level

*\*Figures as of March 2024*

## The Interim List of Eligible Programmes (ILEP)

The ILEP is a list of higher education programmes approved by the Irish Department of Justice and Immigration for non-EU/EEA international applicants.

Students who require a study visa to enter Ireland and intend to study for more than 90 days, may only enrol on ILEP Approved programmes. These programmes must be full-time and are not available to non-EU/EEA learners as part-time or distance learning programmes.

Our dedicated International Officers can help with the admissions process and support you throughout your time in ATU. International Office contact information can be found at [www.atu.ie/international](http://www.atu.ie/international)

Course Title	Award	Level
<b>Galway City</b>		
Human Resource Management and Employee Relations	Master of Science	9
Accounting	Postgraduate Diploma	9
Creative Practice	Master of Arts	9
International Medical Technologies, Innovation & Development*	Master of Science	9
Biopharmaceutical Manufacturing*	Master of Science	9
Applied Marine Conservation	Master of Science	9
Conservation Behaviour	Master of Science	9
Nutrition and Food Sensory Science	Master of Science	9
Sport and Clinical Biomechanics	Master of Science	9
Strength and Conditioning	Master of Science	9
Computing (January Intake)	Master of Science	9
Applied Sport & Exercise Nutrition*	Master of Science	9
<b>Mayo</b>		
Digital Media & Marketing (January Intake)	Master of Science	9
<b>Sligo</b>		
Creative Practice	Master of Arts	9
Social Work	Master of Arts	9
Clinical Measurement Physiology	Master of Science	9
Marketing	Master of Science	9
Food and Nutritional Product Development	Master of Science	9
Geotechnical / Structural Engineering - Joint Programme	Master of Engineering	9
Bioprocessing Science	Master of Science	9

Course Title	Award	Level
<b>Donegal</b>		
Accounting*	Master of Arts	9
Computing in Big Data Analytics	Master of Science	9
Computing in Big Data and Artificial Intelligence	Master of Science	9
Bioinformatics	Master of Science	9
Blockchain Technologies and Applications (January Intake)	Master of Science	9
Business Management* (for non-Business Graduates)	Master of Science	9
Computing in Cloud Technologies	Master of Science	9
Cyberpsychology	Master of Science	9
Computing in Cybersecurity	Master of Science	9
Data Science and Preparatory Certificate in Computing	Master of Science	9
Computing in DevOps*	Master of Science	9
Engineering Management	Master of Science	9
Healthcare Innovation and Technology (January Intake)	Master of Science	9
Marketing*	Master of Science	9
Strategy, Enterprise & Innovation*	Master of Science	9
Supply Chain Analytics (January Intake)	Master of Science	9
<b>St Angelas</b>		
MHSc in International Healthcare Management	Master of Health Science	9

\* Work placement opportunities available on postgraduate courses.

**Please note:** Fees quoted in this Postgraduate Prospectus are quoted as EU fees for the current academic year. Non-EU fees are available on the programme webpages. Visit [www.atu.ie/international](http://www.atu.ie/international)



# Táillí & Maoiniú

## Fees and Funding

Fees vary for each course, it is important that you check the relevant course webpage for further information regarding the fees for your course of interest. For the Fees Schedule, please visit [www.atu.ie/fees-funding](http://www.atu.ie/fees-funding)

### EU Fees/Non-EU Fees

Fees quoted in this Postgraduate Prospectus are quoted as EU fees for the current academic year. Non-EU fees are available on the programme webpages. Visit [www.atu.ie/masters](http://www.atu.ie/masters) for more.

### Self-Funding

To help make payments more manageable for students who are self-funding, ATU has a variety of payment options that include payment per semester, in-full or by instalment.

### Postgraduate Grants

Those applying for a postgraduate course at ATU may be eligible for financial support. In the Republic of Ireland, the Student Grant Scheme can assist students with tuition fees and living costs during your studies. For more information, visit [www.susi.ie](http://www.susi.ie)

In Northern Ireland, contact the Local Education and Library Board, or visit these websites: [www.slc.co.uk](http://www.slc.co.uk), [www.studentfinanceni.co.uk](http://www.studentfinanceni.co.uk)

### Employer Funded

If your employer is partly or fully funding your course, you will need to organise payment through the ATU Registrations team with your employer.

### Tax Relief

As ATU is listed by the Irish Revenue as an 'Approved Institution', students are eligible to claim tax relief at the standard rate for tuition fees. To determine your own eligibility and if the course you have applied for qualifies for a tax refund, please visit [www.revenue.ie](http://www.revenue.ie) and see the "Personal tax credits, reliefs and exemptions" section for more information.

### Skillnet

Funding opportunities may be available from Skillnet Ireland to partially fund programme fees. For further information, please visit [www.skillnetireland.ie](http://www.skillnetireland.ie)

### Springboard+

Each year, the Higher Education Authority (HEA) approves courses for Springboard+ funding. Students interested in studying on a Springboard+ approved course must apply to Springboard+ directly and must meet eligibility criteria.

If you are employed and are completing a Level 9 course that is supported by Springboard, it is 90% funded and you are required to pay the remaining 10% tuition fee. If you are unemployed, Springboard+ will cover 100% of the course fees.

For further information visit [www.atu.ie/springboard](http://www.atu.ie/springboard)



# Líonra Iarscoláirí OTA ATU Alumni Network

## Stay Connected for Life

Our ATU Alumni Network is a vibrant and diverse community of individuals who share your passion for knowledge and success. By staying connected, you'll have access to a wealth of opportunities, resources, and support that can help you thrive.

## Professional Development

Your fellow alumni are leaders and innovators in various industries. Networking with them can open doors to mentorship, career advice, job opportunities, and partnerships that can boost your career to new heights.

## Continued Learning

Lifelong learning is a core value at ATU. Our alumni have the chance to engage in ongoing educational opportunities, from workshops and webinars to advanced degrees and certifications, keeping your knowledge and skills up-to-date.

## Stay Informed

Receive updates on the latest developments at ATU, research breakthroughs, and alumni achievements through newsletters and communications.

**Your ATU Alumni Network is not just for today; it's for a lifetime. Embrace this powerful resource, and let it be your guide and support system as you embark on your professional and personal journey.**

For more details, please visit:  
[www.atu.ie/alumni](http://www.atu.ie/alumni)

# Alumni Scholarship 20% Fees Reduction

The ATU Alumni Office is dedicated to supporting the professional and academic growth of its network members through lifelong learning opportunities.

As part of our comprehensive benefits programme for members of the ATU Alumni Network, the ATU Alumni Office is pleased to offer a 20% reduction in academic fees for alumni who choose to pursue a Masters programme at ATU. This benefit, exclusive to ATU Alumni Network members, underscores the university's commitment to building a lifelong connection with our alumni and supporting them in their ongoing educational endeavours.

The 20% reduction in fees is for members of the ATU Alumni Network. It can be applied to those who register on a Level 9 Taught Masters Degree (90 credits) available across any ATU campus.

The discount can be applied to both full-time and part-time Masters Programmes, and includes all delivery formats, on-campus, online, or blended. Available from September 2024/2025.

Some course exclusions will apply.

To be eligible, students must have graduated from ATU (including all legacy Institutes of Technology – GMIT, LYIT, IT Sligo and St Angela's College) with a Level 8 Honours Degree AND applicants availing of this benefit must be registered with the ATU Alumni Office on the ATU Alumni Database.

This discount cannot be combined with other awards, scholarships, or discounts.

International students who have completed a full-time level 8 undergraduate degree are already eligible for an alumni discount on non-EU fees when progressing directly into postgraduate studies.

For further details on this benefit, eligibility, how to apply and further terms and conditions, please visit: [www.atu.ie/alumni](http://www.atu.ie/alumni)





## Cúrsaí Nua New Courses

Each year, our academic teams research and develop new postgraduate courses that aim to extend our portfolio and to support upskilling in a range of areas in demand by industry, enterprise and the community.

### Available for September 2025

Course Title	Study Area	Level	Campus
Bioinformatics	Master of Science Postgraduate Diploma Postgraduate Certificate	9	Letterkenny
Cognitive Behavioural Psychotherapy	Master of Health Science Postgraduate Diploma	9	St Angelas
Digital Innovation for Sport	Master of Science	9	Galway City
Gerontology Nursing/ Gerontology Practice	Master of Science Postgraduate Diploma Postgraduate Certificate	9	Letterkenny/ Mayo/ St Angelas
Home Economics, Nutrition and Health Promotion	Master of Science Postgraduate Certificate	9	St Angelas
Sustainable Tourism & Event Management	Master of Science Postgraduate Certificate	9	Sligo/Galway

### Coming Soon\* Register your interest for these courses at: [www.atu.ie/masters/new-courses](http://www.atu.ie/masters/new-courses)

Advanced Manufacturing	Master of Science	9	Letterkenny
Advanced Wood Manufacturing	Master of Science	9	Galway - Connemara
Business Analytics	Master of Science	9	Galway City
Creative Media Technologies	Master of Arts	9	Galway City - Wellpark Road
Design Practice	Master of Arts	9	Galway City - Wellpark Road
Digital Media Design	Master of Arts	9	Sligo
Digital Professional Accounting	Master of Science	9	Galway City
Documentary	Master of Arts	9	Galway City - Wellpark Road
Education Practice	Master of Arts	9	Galway - Connemara
Electric Vehicle Engineering	Master of Engineering	9	Letterkenny
Fire Safety Engineering	Master of Science	9	Letterkenny
Quantity Surveying	Master of Science	9	Letterkenny
Sustainability and Carbon Reporting	Master of Science	9	Sligo

\* Courses may be offered in 2025/26 academic year. Courses will run subject to academic validation and sufficient student numbers.

# Liosta de Chúrsaí Máistreacht

## Masters Course Listing

Course Title	Award*	Campus	Page
<b>Business</b>			
Accounting	Master of Arts	Donegal	32
Accounting	Postgraduate Diploma	Galway City	33
Business Management	Master of Science	Donegal	34
Digital Business	Master of Science	Sligo	36
Innovation in Fintech	Master of Science	Donegal	38
Strategic People Management	Master of Science	Sligo	40
Governance and IT in Financial Services	Master of Arts	Donegal	42
Human Resource Management and Employee Relations	Master of Science	Galway City	43
Strategy, Enterprise and Innovation	Master of Science	Donegal	44
Leadership and Innovation in the Public Sector	Master of Science	Donegal	45
Innovation and Leadership	Master of Business	Donegal	46
Professional Leadership	Master of Arts	Sligo	48
Supply Chain Analytics	Master of Science	Donegal	50
Sustainability Leadership	Master of Science	Mayo	52
Digital Media and Marketing	Master of Science	Mayo	54
Marketing	Master of Science	Sligo	56
Marketing	Master of Science	Donegal	58
Sustainable Tourism and Event Management	Master of Science	Sligo Galway City	60
<b>Design, Education and Humanities</b>			
Creative Practice	Master of Arts	Galway City	64
Creative Practice	Master of Arts	Sligo	66
Design and Innovation	Master of Science	Galway City	67
User Experience Design and Applied Innovation	Master of Arts	Donegal	68
Home Economics	Master of Education	St Angelas	70
Contemporary Innovations in Education	Master of Arts	St Angelas	72
Home Economics, Nutrition and Health Promotion	Master of Science	St Angelas	74
Outdoor Education, Sustainability and Well-being	Master of Science	Mayo	76

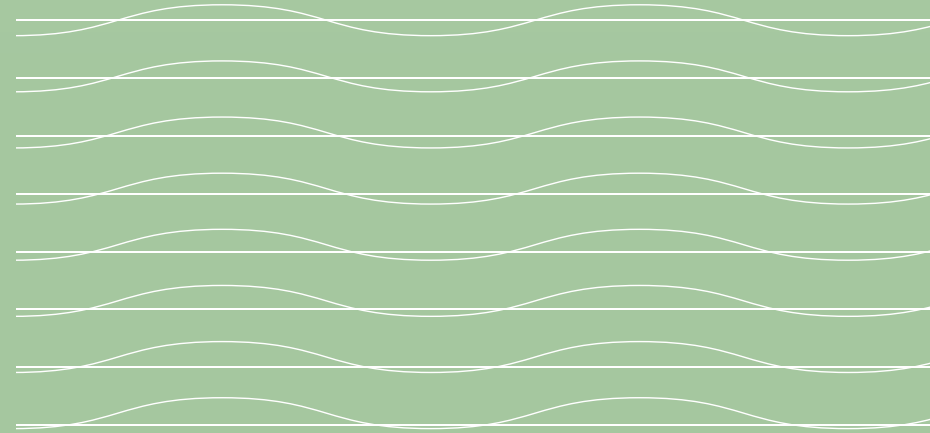
Course Title	Award*	Campus	Page
Professional Studies in Special Educational Needs	Master of Arts	St Angelas	78
Special Education	Master of Arts	St Angelas	80
Special Educational Needs – Autism	Master of Arts	St Angelas	82
Specific Learning Difficulties	Master of Arts	St Angelas	84
Teaching and Learning	Master of Arts	Galway City	86
Learning and Teaching	Master of Arts	Donegal	87
Universal Design for Learning	Master of Arts	Sligo	88
Transformative Practices in Equality, Diversity and Inclusion	Master of Arts	Mayo	90
Social Work	Master of Arts	Sligo	92
Leadership and Advocacy in the Early Years	Master of Arts	Sligo	94
Social Care and Social Justice	Master of Arts	Sligo	96
<b>Engineering and Computing</b>			
Building Information Modelling and Digital Leadership	Master of Science	Galway City	100
Built Environment Regulation	Master of Science	Galway City	102
Circular Economy Leadership for the Built Environment	Master of Science	Galway City	106
Engineering Management	Master of Science	Donegal	108
Geotechnical / Structural Engineering Joint Programme	Master of Engineering	Sligo	110
Project Management	Master of Science	Sligo	112
Road and Transport Engineering	Master of Engineering	Sligo	114
Computing in Big Data Analytics	Master of Science	Donegal	116
Computing in Big Data Analytics and Artificial Intelligence	Master of Science	Donegal	118
Blockchain Technologies and Applications	Master of Science	Donegal	120
Computing in Cloud Technologies	Master of Science	Donegal	122
Computing	Master of Science	Galway City	124
Computing (Data Science)	Master of Science	Sligo	126
Connected and Autonomous Vehicles	Master of Engineering	Sligo	128
Computing in Cybersecurity	Master of Science	Donegal	130
Cybersecurity Operations	Master of Science	Mayo	132
Cyberpsychology	Master of Science	Donegal	134
Data Science	Master of Science	Donegal	135
Computing in DevOps	Master of Science	Donegal	136
Healthcare Innovation and Technology	Master of Science	Donegal	138
Automation and Digital Manufacturing	Master of Engineering	Galway	139

Course Title	Award*	Campus	Page
Quality	Master of Science	Sligo	140
<b>Science and Health</b>			
Applied Marine Conservation	Master of Science	Galway City	144
Conservation Behaviour	Master of Science	Galway City	145
Environmental Health and Safety (EHS) Management	Master of Science	Sligo	146
Environmental Protection	Master of Science	Sligo	148
International Marine Biological Resources (IMBRSea)	Master of Science	Galway City	150
Water Services Management	Master of Science	Sligo	152
Applied Sport and Exercise Nutrition	Master of Science	Galway City	154
Food and Nutritional Product Development	Master of Science	Sligo	156
Digital Innovation for Sport	Master of Science	Galway City	158
Food Innovation	Master of Science	St Angelas	159
Food Regulatory Affairs	Master of Science	Sligo	160
Nutrition and Food Sensory Science	Master of Science	Galway City	162
Public Health Nutrition	Master of Science	Sligo	163
Sport and Clinical Biomechanics	Master of Science	Galway City	164
Sports Performance Practice	Master of Science	Donegal	166
Sports and Exercise Nutrition	Master of Science	Sligo	168
Strength and Conditioning	Master of Science	Galway City	170
Sustainable Food Systems	Master of Science	Sligo	172
Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing	Master of Science	Sligo	174
Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing	Master of Science	Sligo	176
Advanced Therapy Medicinal Products (ATMP) Vector Manufacturing	Master of Science	Sligo	178
Bioindustry 4.0	Master of Science	Sligo	180
Bioinformatics	Master of Science	Sligo	182
Biopharmaceutical Manufacturing	Master of Science	Galway City	184
Biopharmaceutical Processing	Master of Science	Sligo	185
Biopharmaceutical Science	Master of Science	Sligo	186
CQV Commissioning, Qualification, and Validation for Biologics Manufacturing	Master of Science	Sligo	188
End-to-End Sterility Assurance	Master of Science	Galway City	190

Course Title	Award*	Campus	Page
Entrepreneurship and Biopharmaceutical Manufacturing	Master of Science	Galway City	192
Entrepreneurship and MedTech	Master of Science	Galway City	194
Industrial Pharmaceutical Science	Master of Science	Sligo	196
International Medical Technologies, Innovation and Development	Master of Science	Galway City	197
Medical Science	Master of Science	Galway City	198
Medical Technology Regulatory Affairs	Master of Science	Sligo	200
Validation and Digitalisation Technologies	Master of Science	Sligo	202
Advancing Health and Social Care	Master of Science	Donegal	204
Applied Health and Wellness Coaching	Master of Health Science	St Angelas	206
Applied Leadership and Management in Healthcare	Master of Science	Mayo	208
Applied Leadership and Management in Social Care	Master of Science	Mayo	210
Applied Leadership and Management in the Public Sector	Master of Science	Mayo	212
Clinical Measurement Physiology	Master of Science	Sligo	214
Cognitive Behavioural Psychotherapy	Master of Health Science	St Angelas	216
Community Mental Health Nursing	Master of Health Science	St Angelas	218
Disability Studies	Master of Science	St Angelas	220
Gerontology Nursing / Gerontology Practice	Master of Science	Donegal Mayo St Angelas	222
Health Promotion Practice	Master of Science	Sligo	224
International Healthcare Management (National Stream)	Master of Health Science	St Angelas	225
International Healthcare Management (International Stream)	Master of Health Science	St Angelas	226
Nursing Studies	Master of Health Science	St Angelas	228
Palliative and End of Life Care	Master of Science	Mayo	230
Professional Healthcare Studies	Master of Health Science	St Angelas	232
Professional Nursing	Master of Science	Donegal	233
Professional Studies	Master of Health Science	St Angelas	234
Quality and Safety in Healthcare	Master of Science	Mayo	236
Quality and Safety in Social Care	Master of Science	Mayo	238
Therapeutic Interventions for Alcohol and Other Drugs	Master of Science	Donegal	240

\* If available, additional awards at Postgraduate Diploma and/or Postgraduate Certificate are detailed in the course information pages.

# Gnó Business





## Master of Arts Accounting

This programme aims to enhance students' analytical skills and covers advanced accounting subjects in both theory and practice. The course provides postgraduate education and training at the forefront of accounting and accounting-related practice. This programme obtains exemptions from the CAP II exams from Chartered Accountants Ireland and exemptions from papers F1-F4, F6 and F8 from the ACCA.

### Key course details



#### Entry Requirements

Applicants require an Honours Degree with a specialism in Accounting.



#### Study Hours

Students can expect 16 lecturing hours per week, with additional hours of self directed study also required.



#### Examination & Assessment

Most modules have a written exam worth 80%, with the remaining 20% assessed via continuous assessment.



#### External Accrediting Body

ACCA, ACA.



#### On-Campus Attendance

This is a full-time on-campus programme.



#### Who should apply?

This programme is ideally suited to students who wish to pursue a career in accounting.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of Prior Learning:** X

**ILEP Approved:** ✓

### What will I study?

#### Modules

Tax Practice

Audit Practice

Advanced Financial Accounting

Data Analytics

Research Methods

Advanced Finance

Integrated Case Studies

IT Applications for the Professional Accountant

Performance Measurement

Work Based Learning

Project or Dissertation

*\*Exit Award Available*

*Postgraduate Diploma*

### Course Contact

**Admissions:**

admissions.donegal@atu.ie

## Postgraduate Diploma Accounting

This Level 9 conversion course aims to fastrack the careers of non-accounting graduates looking to pursue a career in this high-demand area across the world. The programme offers approximately the same accounting exemptions as an accounting graduate would achieve through an undergraduate programme. Smaller class sizes facilitate greater interaction for students with lecturers who are experts in their respective fields resulting in an excellent learning environment.

### Key course details



#### Entry Requirements

This is a one-year conversion programme aimed at non-accounting graduates from any discipline. The entry requirement is a minimum of a 2.2 in a Level 8 degree of any denomination.



#### Study Hours

As it is a conversion course, there is a relatively large class contact with approximately 25 hours per week, spread over five days. Significant self study is also required.



#### Examination & Assessment

Modules are assessed both by continuous assessment and final exam. There is a mixture of semester-long and year-long modules, which spreads the workload and the assessment schedule evenly throughout the academic year.



#### External Accrediting Body

Chartered Accountants Ireland - Full CAP1 exemptions.  
ACCA: Seven of the nine Fundamental ACCA papers.  
Irish Tax Institute: Three of the four part 1 Irish Tax Institute papers.



#### On-Campus Attendance

This post-graduate conversion course is delivered on-site at the ATU Galway City campus. Typically lectures are delivered Monday through Friday every week.



#### Who should apply?

This conversion programme is aimed at non-accounting graduates from any discipline. Accountancy offers a defined career path, whilst offering a range of employment options. Accountancy professionals are consistently in demand in private and public organisations. Potential roles include professional accountants, management accountants, auditors or tax consultants.

On-Campus

**Level:** 9

**Credits:** 60

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Galway City,  
Dublin Road

**Total fees:** €4,800

**Recognition of Prior Learning:** ✓

**ILEP Approved:** ✓

### What will I study?

#### Modules

Business Law

Taxation 1

Ethics, Risk & Corporate Governance

Corporate Law

Taxation 2

Financial Accounting

Management Accounting

Financial Management

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

Master of Science

# Business Management

The Master of Science in Business Management will allow learners combine the knowledge, skills and competencies gained from their undergraduate degree with a new skillset in business management. It will provide them with a strong understanding of the core business functions and disciplines and provide a critical understanding of the foundations and practice of business management.

## Key course details



### Entry Requirements

The minimum entry requirements are a second-class honours (2.2) Level 8 Honours Degree in a non-business discipline.



### Study Hours

The recommended study time for a 10-credit module is 10 hours and 5-credit is 5 hours per week.



### Examination & Assessment

The majority of the course is 100% continuous assessment with two exams in Accounting Information for Managers in Semester 1 and People and Organisations in Semester 2.



### On-Campus Attendance

12 hours of classes per week per semester.



### Who should apply?

This conversion Masters programme is targeted at non-business graduates, including science, engineering, technology, arts, law and social science graduates, to develop and focus their career paths in the business environment. It will provide some learners with the opportunity to change career direction away from that of their undergraduate studies. For others, it will complement their undergraduate qualification.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of Prior Learning:** ✓

**ILEP Approved:** ✓

## What will I study?

### Modules

Management Strategy  
 Business Innovation & Enterprise  
 Accounting Information for Managers  
 Research Methods  
 Supply Chain Operations  
 People and Organisations  
 Marketing Management  
 Dissertation or Work Based Learning Research Project

## Course Contact

### Admissions:

admissions.donegal@atu.ie



# Digital Business

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Digital Business)**

This programme aims to upskill business professionals with the theoretical and practical application of current and emerging technology. This will enable a new generation of digital leaders to drive technology and innovation throughout their organisations. As part of the programme, students will explore the application of learning over the programme into real-life professional practice. Key aspects of the student learning experience is the flexible model of learning, innovation, contemporary modules, practical and applied elements along with industry-lead projects.

## Key course details



### Entry Requirements

Second Class Honours (NFQ, Level 8) in any business discipline  
OR

Second Class Honours (NFQ, Level 8) in any discipline plus 3 years experience in a management/supervisor role which will be subject to consideration under Recognition of Prior Learning (RPL).



### Study Hours

Students will attend online lectures two nights per week from 6-9pm each semester. Students will need to complete 12 hours of independent learning per week for each semester. Online lectures are recorded and available to students for the duration of the programme.



### Examination & Assessment

The programme is focused on applying theory in practice and will include the completion of essays, work-based projects, reflective journals, learning logs and the demonstration of practical skills. There are no end of semester examinations.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme is suitable for business professionals looking to upskill with the theoretical and practical application of current and emerging technology.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Business Analytics  
Emerging Technologies and Applications  
Networking Cloud and Cybersecurity  
Digital Customer Experience

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4,800

Agile Software Project Management  
Design Thinking for Innovation  
Research Methods  
Agile Business Solutions  
Digital Business Strategy

### Masters of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Research Dissertation/Practicum

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning:** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Saoirse Kennedy:  
saoirse.kennedy@atu.ie

Master of Science

# Innovation in Fintech

This course is unique in combining knowledge of the latest trends in the fintech industry with design thinking, innovation and entrepreneurship, key skills in this dynamic sector. The programme, developed in consultation with industry, has a strong emphasis on communication and influencing to substantially develop the capability of graduates as innovating leaders of the future.

## Key course details



### Entry Requirements

Applicants must be currently employed in the FinTech sector and hold a Level 8 degree in a FinTech related area, or an equivalent qualification. Applicants may also be eligible to apply on the grounds of Recognition of Prior Learning (RPL).



### Study Hours

Recommended 25-30 study hours per week, which includes lecture hours and self-guided study hours.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

No attendance required.



### Who should apply?

Professionals looking to specialize in a senior Fintech role.

Online

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**Level:** 9

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**Credits:** 90

---

**Duration:** 2 years

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**Study Mode:**
**Part-time:** Yes

**Full-time:** No

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**Delivery Method:**

Online

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**Campus:** Letterkenny

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**Total fees:** €7,200

HCI part-funding may be available for this course.

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**Recognition of Prior Learning** ✓

## What will I study?

### Modules

FinTech (Financial Services & Emerging Technologies)

Innovation & Entrepreneurship

Design Thinking

Financial Services Regulations

Culture, Communication & Influencing

Action & Enquiry

Elective: Dissertation/ Work Based Learning Project

## Course Contact

### Admissions:

admissions.donegal@atu.ie



# Strategic People Management

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

The aim of this programme is to support the development of knowledge, skills, and competencies relevant and useful to HR professionals and non-HR professionals already in or aspiring to HR or other roles that involve working with, managing or leading people in organisations. Key areas covered include the World of Work, Resourcing and Talent Management, Personal and Professional Effectiveness, Strategic HRM, Strategic Reward Management, Strategic Employee Relations, Advanced Diversity and Inclusion and Advanced Employment Law.

## Key course details



### Entry Requirements

This programme is open to applicants with an Honours Degree (Level 8), with evidence of a 2.2 or higher. Candidates who do not meet the above are also welcome and may apply through the Recognition of Prior Learning (RPL).



### Study Hours

18 hours per week. This includes two nights of online lectures from 6-9 pm on each night and 12 hours of independent learning.



### Examination & Assessment

The programme is focused on applying theory in practice and will include the completion of essays, work-based projects, reflective journals, learning logs and the demonstration of practical skills. There are no end of semester examinations.



### On-Campus Attendance

A half-day on-site induction at the start of the programme.



### External Accrediting Body

Students who successfully complete the Postgraduate Diploma and/or the Master of Science in will gain Associate membership of the CIPD.



### Who should apply?

Professionals already working in or aspiring to work in HR roles. Also, non-HR professionals who are involved in working with, managing or leading people in organisations.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

The World of Work  
Resourcing and Talent Management  
Strategic Human Resource Management

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4,800

Personal and Professional Effectiveness  
Strategic Employee Relations  
Strategic Reward Management

### Masters of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Research Methods  
Capstone Project  
Advanced Diversity and Inclusion (E)  
Advanced Employment Law (E)  
(E) = Elective Module

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**  
admissions.sligo@atu.ie

**Student Advisor:**  
Saoirse Kennedy:  
saoirse.kennedy@atu.ie

Master of Arts

# Governance and IT in Financial Services

This programme focuses on the development of knowledge around the financial services industry, principles of data protection, governance and ethics and information systems. Students will also develop skills around regulatory frameworks as well as IT security, compliance and privacy and risk management and audit. The Masters programme concludes with a capstone work based learning project based on situated learning and reflection. A Postgraduate Diploma qualification is also offered for this course where learners complete the same modules without the requirement to undertake the capstone Work Based Learning project.

## Key course details



### Entry Requirements

Applicants require a second class honours grade (2.2) in a Level 8 Honours degree with a specialisation in law, business or IT. (A 2.1 grade is preferable)



### Study Hours

It is recommended to allow independent learning of 10-12 hours per week for a 10-credit module and 5-6 hours for a 5-credit module.



### Examination & Assessment

100% continuous assessment in the form of reports / essays.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme aims to meet the legal, compliance, governance and I.T needs of financial services companies and has been developed in collaboration with key employers within the relevant industry. The course is designed to enhance skills, judgment and ability to apply the regulatory requirements in the management and practice of compliance.

Online

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Letterkenny

Total fees: €7,200

HCI Pillar 3 Funding available for this course

Recognition of Prior Learning ✓

## What will I study?

### Modules

Financial Services Industry

Blockchain Technology and Practice

Principles of Information Systems

Governance Ethics &amp; Regulation

Research Methods

Financial Services Regulation

IT Security, Compliance &amp; Privacy

IT Risk Management &amp; Audit

Work Based Learning

\*Exit Award Available  
Postgraduate Diploma

## Course Contact

### Admissions:

admissions.donegal@atu.ie

Master of Science

# Human Resource Management and Employee Relations

This programme is designed to give learners an interdisciplinary perspective on the management of people in organisations and to develop a distinctive combination of skills, knowledge and competencies around HRM & ER practice. It will expose learners to the range of tasks and challenges facing the modern HRM and/or ER manager and enable them to develop effective and efficient responses to those challenges.

## Key course details



### Entry Requirements

Applicants must hold a cognate Level 8 degree with a minimum grade classification of H2.2 or equivalent. Applicants with other qualifications and with relevant work experience may also be considered through ATU's Recognition of Prior Learning (RPL) process.



### Study Hours

Completion of a Masters degree requires significant commitment of time and effort. Full-time students can expect to attend approximately 12 hours of classes each week and it is recommended that students are prepared to commit another 24 hours for independent study. Part-time students should expect to commit half that amount of time.



### Examination & Assessment

The dominant approach is frequent coursework assessment (CA) that will take place throughout the semester. However, some formal exams will take place after the teaching semester which reduces the assessment workload on students during the semester.



### On-Campus Attendance

Most modules have on-site hours, one module is taught fully online and some modules are blended.



### Who should apply?

This programme will be attractive to anyone seeking to take the lead in Human Resource Management or Employee Relations in an organisation or anyone who interacts with and manages people in general. In addition, it will be of interest to final year undergraduates, who wish to develop their people skills further and complete an independent study on a HR/ER topic of their choosing.

Blended

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City,  
Dublin Road

Total fees: €7,200

Recognition of Prior Learning ✓

ILEP Approved ✓

## What will I study?

### Modules

Competing Perspectives in People Management

Employment Law, Mediation and Negotiation

Human Resource Analytics &amp; Information Systems

Organisational Analysis &amp; Management

Labour Economics and Policy

Employee Relations in an International Context

Research Methods

Strategic Talent Management

Managing Learning &amp; Development

Change and Sustainability

Contemporary Issues in Human Resource Management

Dissertation

## Course Contact

### Admissions:

learn.galwaymayo@atu.ie

Master of Science

# Strategy, Enterprise & Innovation

This programme has been designed to produce a rounded business graduate who will be able to undertake a variety of roles in an organisation, and, who will possess the transversal skills and understanding of business that is required in challenging times. The programme supports learners to develop advanced core competencies and skills in strategy and business innovation and develop into professional practitioners by bridging business theory and professional practice.

## Key course details



### Entry Requirements

Applicants require Level 8 Honours degree (min 2.2) in a Business discipline (or an undergraduate programme where business subjects account for at least 50% of the subjects).



### Study Hours

The recommended personal study time for a 5-credit module at Level 9 is 10 hours per week and for a 10-credit module it is 20 hours per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

This is a full-time, on-campus programme.



### Who should apply?

This programme is suitable for those looking to develop their career in the field of business management, with a focus on developing and implementing strategies for growth and innovation.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## What will I study?

### Modules

Applied Strategic Management

HRM and the Future of Work

Customer Experience  
Strategy Data Analytics

Research Methods

Organisational Transformation

Innovation and the  
Entrepreneurial Mindset

Ethics, Social Responsibility  
and Sustainability

Strategic Decision Making

Dissertation OR Work Based  
Learning Research Project

## Course Contact

### Admissions:

admissions.donegal@atu.ie

Master of Science

# Leadership and Innovation in the Public Sector

This programme aims to deliver a range of learning experiences that empower participants to develop their knowledge, understanding and applied skills in the field of innovation and transformational change within the delivery of public services. It aims to challenge participants to move beyond the passive absorption of information through critical analysis and reflection and towards innovative, strategic and transformational management initiatives within their sponsoring organisation.

## Key course details



### Entry Requirements

The entry requirement is a second-class honours degree or better from a university of the United Kingdom or the Republic of Ireland, from the Council for National Academic Awards, the Higher Education and Training Awards Council, or from an institution of another country which has been recognised as being of an equivalent standard; and be in relevant employment within the Public Services.



### Examination & Assessment

Assessment is assignment based and centred on work issues.



### On-Campus Attendance

This programme comprises 6 taught modules. Each module is block delivered over 2 days with additional delivery online and a Research Project.



### Who should apply?

The course is directed at managers at Grade 7 / Assistant Principal Officer grade or equivalent, charged with delivering strategic, transformational change through clear mission and innovative leadership.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Total fees:** €9,960\*\*

**Recognition of Prior Learning** ✗

## What will I study?

### Modules

Context of Leadership,  
Innovation & Transformation

Transformational Leadership

Citizens Centric Policy Design

Research Project

Change and Cultural  
Management

Digital Transformation  
& Shared Services

Performance Management

## Course Contact

### Admissions:

admissions.donegal@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

## Master of Business Innovation and Leadership

The course is structured over two years and delivered over two day blocks with additional online learning. An integral part of the programme is action learning within the candidate's own workplace. This approach enhances the use of specialist knowledge in practice and recognises the shared relationship between management theory and professional practice. The programme creates an environment in which participants can engage in knowledge development based on their work context. It is essentially a practical programme, with rigorous theoretical underpinnings, which draws on the real-life experience of its participants.

### Key course details



#### Entry Requirements

The entry requirement is an Honours Degree, minimum of Second Class Honours, Grade 2 or equivalent and at least three years relevant management experience. In exceptional circumstances, applicants not holding a degree but having significant experience as a Senior Manager will be eligible for admission to the programme.



#### Study Hours

The recommended study hours per week for a 10-credit module is 10 hours.



#### Examination & Assessment

6 x 100% continuous assessments in the form of reports followed by an Action Learning Dissertation in the last six months.



#### On-Campus Attendance

24 days for module delivery plus 6 days for Action Learning Set meetings.



#### Who should apply?

Our Master of Business in Innovation & Leadership is designed to develop the leadership talent of managers to deliver significant business impact in their organisations. This part-time programme has been developed in consultation with industry. It aims to substantially develop the capability of executive managers as innovating leaders within their organisations.

Blended

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Letterkenny

Total fees: €12,600

Recognition of

Prior Learning ✓

### What will I study?

#### Modules

Organisational Context

Innovation

Managing People & Change

Leadership

Professional Development

The Learning Organisation

Dissertation

### Course Contact

#### Admissions:

admissions.donegal@atu.ie



I was never an individual who enjoyed studying especially in primary and secondary school. I was always the student that was away playing multiple sports just to get out of class. I have been extremely lucky to have a mentor who took a chance on me and gave me the push I needed to study. The main driver behind completing the master's programme was so that I could further deepen my knowledge around Leadership. Additionally, I think the fact that I have found an area I truly enjoy it hasn't felt like studying.

Chantelle Grant

Graduate of the Master of Business in Innovation and Leadership



# Professional Leadership

## Award Options

- **Master of Arts**
- **Postgraduate Certificate**

This programme is aimed towards students with significant management experience who wish to pursue an academic award to assist with career progression, demonstrate a commitment to continued learning, gain a competitive edge and to expand knowledge and skills in professional leadership and those who are changing or diversifying in their career. The aim of this programme is to support the development of knowledge, skills and competencies, relevant and useful to professional leadership roles within modern organisations. Strategic thinking, leadership styles, strategies, capabilities and competencies are examined, critiqued and applied to complex problems.

## Key course details



### Entry Requirements

Applicants should hold a 2.2 Honours degree award in any discipline. It is preferable applicants will also have a minimum of 3 years of postgraduate experience. For applicants with no formal third level qualification but do have significant experience of leadership in organisations, ATU's formal Recognition of Prior Learning (RPL) process can be used to assess the suitability of applicants for entry into the programme.



### Study Hours

Live lectures are Tuesday and Thursday evening between 6pm and 10pm. It is recommended that students spend approx 4.25 hours per week per 5-credit module for independent learning.



### Examination & Assessment

Primarily continuous assessment, with one exam.



### On-Campus Attendance

No attendance required, however students are invited to attend Sligo Campus for one day per semester.



### Who should apply?

This programme is suitable for those seeking career progression for both early career leaders and more established professionals, attracting students from many industries and sectors including public, private and NGO.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,000

Year 1  
 Financial Management  
 Understanding Leadership  
 Organisational Psychology  
 Strategy and Practice  
 Research Design & Development  
 Leading and Managing Remote Teams (E)  
 Business Sustainability and Human Rights (E)  
 Corporate Governance (E)  
 Emerging Trends in Leading & Leadership (E)  
 Strategic Leadership and Planning (E)

(E) = Elective Module

### Masters of Arts

**Duration:** 2 years

**Credits:** 90

**Total fees:** €9,000

Research Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Saoirse Kennedy:  
 saoirse.kennedy@atu.ie

# Supply Chain Analytics

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

Supply chain analytics is used to identify current and predict future risks by spotting patterns and trends throughout the supply chain. This programme is focused on how to make decisions about the organisation and management of the movement, transformation, and storage of flows of goods, people, data, and money as to meet certain performance criteria across a supply chain.

## Key course details



### Entry Requirements

Applicants require an Honours degree with first or second-class honours or an equivalent qualification in Computing, Science, Engineering, Business, Finance or Mathematics or any associated discipline. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect between 10 and 20 hours per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Full-time attendance.



### Who should apply?

This course will be of particular interest to students who wish to understand how supply chains work and to use advanced analytics techniques to extract valuable knowledge from vast amounts of data, facilitating data-driven decision making at supply chain level. They will become part of increasingly multi-skilled teams that are responsible for planning and managing large scale supply chains. The course will also be relevant to anyone with an interest in how supply chains work. Student may come from a variety of backgrounds such as Computing, Science, Engineering, Mathematics, Business and Finance. Participants registered on this programme will generally aspire to a career in the logistics/supply chain management/analytics field.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

Supply Chain Management  
Global Logistics  
Operations Management  
Data Modelling & Business Intelligence  
Data Analytics & Visualisation  
Supply Chain Analytics Project

### Masters of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Dissertation

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.donegal@atu.ie

**Student Advisor:**

Tricia Fitzpatrick:

tricia.fitzpatrick@atu.ie

# Sustainability Leadership

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme has been developed by a cross-disciplinary team in the context of the global climate and biodiversity crisis and the imminent need for organisations to respond to this. The aim of this programme is to provide a critical understanding of the complex social, economic, and environmental challenges facing society and the interrelatedness of these challenges. The programme aims to develop strategic, critical and systems thinking competencies in leaders to embed sustainability into organisational practices and decisions. It focuses on the knowledge, skills, and competencies specific to sustainability leadership and facilitate integration with the professional context of the individual student.

## Key course details



### Entry Requirements

Applicants must hold a Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent. Given the cross disciplinary nature of the programme, applicants may be from a range of disciplines. It is expected that applicants will have experience in an organisational environment and will be in a position to lead a sustainability related change.



### Study Hours

The programme is delivered with monthly workshops with directed e-learning in-between, approximately 10- 12 hours per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Attendance is required for monthly block delivery.



### Who should apply?

This programme is suitable for those in a position with the capacity to lead sustainability related initiatives in their organisations or to lead specific sustainability projects.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,400

Understanding the Sustainability Challenges  
Assessing the Impact  
Sustainability Leadership & Change

### Masters of Science

**Duration:** 1.5 years

**Credits:** 90

**Total fees:** €7,200

Critical Thinking & Decision Making  
Strategic Management for Sustainability  
Governance for Sustainability  
Sustainability Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of  
Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

# Digital Media and Marketing

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

The aim of this programme is to develop participants' ability to use digital media as part of an integrated data-driven strategic marketing planning process aimed at reaching overall sustainable business objectives. In addition to enhancing participants' understanding of the strategic potential of digital media, this course also aims to bolster participants' ability to rigorously conduct market research and implement digital media and technology-enabled marketing strategies, developing their practical and analytical digital skills with their strategic marketing skills and knowledge.

## Key course details



### Entry Requirements

Candidates must hold a Level 8 Bachelor (Honours) degree with a minimum grade classification of H2.2 or equivalent in Marketing, IT/Computing, Business, Graphic Design, Communications or cognate area. Candidates who do not meet this entry criteria will be considered for entry to the programme under a formalised process of Recognition of Prior Learning (RPL).



### Study Hours

It is recommended that students should allow for a minimum of 6 to 8 hours per week for self-study in addition to attendance of live online lectures.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Part-time students will have weekly online live attendance requirement as follows: 2 x lunchtime hours and 1 x evening hour. There is also a monthly live online attendance requirement as follows: 2 days per month (full days from 9am to 5pm) for the months of January-May, and September-December.

Full-time students will be scheduled for on-campus classes and project work each week throughout the semester. Additionally, they will join part-time students for online workshops and guest lectures once a month. Our programme is designed to foster networking and knowledge sharing among all participants.



### Who should apply?

This award is suitable to those seeking career progression in the areas of digital marketing, media content creation and digital entrepreneurship.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,000

Search Engine Analytics  
 Visualisation for Strategic Decision Making  
 Marketing Strategy Theory and Application  
 Digital Content and Marketing Technology  
 Omni-Channel Content Creation and Communication (E)  
 Digital Transformation (E)

(E) = Elective Modules

### Masters of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €7,200

Research Methods and Critical Analysis  
 Dissertation with Work Based Learning Project

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Mayo

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

learn.galwaymayo@atu.ie

### Student Advisor:

Eileen O'Hara:  
 eileen.ohara@atu.ie

# Marketing

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**
- **Postgraduate Certificate (Digital Marketing)**

The aim of this programme is to equip learners with high-level knowledge and a high degree of expertise to develop marketing practices to the highest standard. The student will synthesise leading-edge knowledge within the marketing discipline complimented by practical insights and approaches to practice. The programme will reflect contemporary contextual challenges from digital, to marketing effectiveness, to commercial considerations.

## Key course details



### Entry Requirements

Applicants should have a Bachelor of Business Studies (Honours) Level 8 2.2 minimum or above. Applications will also be considered from graduates with a Level 7 Bachelor of Business Studies (Ordinary) plus 3 years relevant marketing work experience that will be subject to consideration under ATU's Recognition of Prior Learning (RPL). Applications are also welcome from graduates with Level 8 (Honours) primary degrees in any discipline plus 3 years relevant work experience in a management/supervisory role.



### Study Hours

For the full-time study of the MSc in Marketing, there will be five to six modules per semester. Each will have two to three hours of live online lectures per week. Live lectures normally take place after 6pm, Monday to Thursday.

For the part-time study of the MSc in Marketing, there will be two to three modules per semester. Each will have two to three hours of live online lectures per week. Live lectures normally take place after 6pm, Monday to Thursday.



### Examination & Assessment

Assessments will vary between project work, reports and a final examination. Most modules are assessed using 100% continuous assessment and some modules also have a final exam.



### On-Campus Attendance

No attendance required.



### Who should apply?

While the programme will be of interest to a wide and varied audience in business and marketing fields, the specific career and career advancement opportunities that the award supports include digital marketing; online marketing; brand promotion; marketing analytics; experiential marketing; international sales & marketing; strategic marketing; customer relations; product development; market researcher; relationship marketing and management and Corporate Social Responsibility and Sustainability.

### Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Emerging Technologies and Applications  
Research Methods  
Digital Sales Practice  
Strategic Marketing  
CSR and Sustainability in Marketing

### Postgraduate Certificate (Digital Marketing)

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Business Analytics  
Digital Marketing  
Digital Customer Experience  
Design Thinking for Innovation  
Digital Brand Management

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €4,800

Business Analytics  
Digital Marketing  
Digital Customer Experience  
Design Thinking for Innovation  
Digital Brand Management

### Masters of Science

**Duration:** 1 year (full-time) 2/3 years (part-time)

**Credits:** 90

**Total fees:** €7200

Dissertation or Capstone Project

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Saoirse Kennedy:

saoirse.kennedy@atu.ie

## Master of Science Marketing

This Masters programme is built around the application and practice of evolving marketing ideas. The knowledge and practical experience students will gain from the applied and hands-on 'real world' projects will empower them to take on a range of specialised roles in the marketing departments of major national and international companies.

### Key course details



#### Entry Requirements

Level 8 Honours Degree in Business or equivalent, second class honours (2.2). Applicants must have a minimum of 30 credits in marketing or marketing related modules.



#### Study Hours

12 hours lecturing per week and 24 hours self-guided learning.



#### Examination & Assessment

A blended approach of final exams and continuous assessment.



#### On-Campus Attendance

Two days attendance for lectures on-campus.



#### Who should apply?

This award is suitable for business graduates who wish to pursue a career in Marketing. Graduate careers typically include roles in the areas of digital marketing, online marketing, strategic marketing, international sales & marketing, customer relations, product development, market research and brand promotion.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Driving Marketing in SMEs

Data Analytics

Research Methods

Omni-channel Marketing  
Communications

Advanced Digital Marketing

Innovation & the  
Entrepreneurial Mindset

Managing Sales

Shaping Consumer Behaviour

Elective: Work Based  
Learning Research Project

Elective: Dissertation

### Course Contact

#### Admissions:

admissions.donegal@atu.ie



# Sustainable Tourism & Event Management

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme will provide graduates with the knowledge, skills, and competencies in sustainable tourism and event management to facilitate them to take on senior and management positions in tourism and event management, small and medium enterprises (SMEs), and public and local authorities. This programme will also enable graduates to work as expert members as part of a team around sustainable destination management, consultancy, innovation, and will meet the demand of industry to measure, monitor and report on sustainable tourism indicators while transitioning to net-zero destinations. This programme is designed to enhance a student's career prospects in the tourism and events management industry. Employment opportunities are available in the private or public sector and students may decide to pursue entrepreneurial initiatives for self-employment. Graduates in tourism and events are much sought after, and the skills developed are transferable internationally and from one aspect of the industry to another.

## Key course details



### Entry Requirements

Candidates must hold a Level 8 Bachelor of Business degree with a minimum grade classification of H2.2 in tourism, event, hospitality, business, marketing, or other related business discipline. Candidates who do not meet the H2.2 performance standard in a Level 8 award will be required to apply through ATU's Recognition of Prior and Experiential Learning (RPEL) process.



### Study Hours

Taught modules, in stage 1 of the programme, will typically have 1 to 2-hours live lecture on one to two evenings per week. Students will be expected to engage in an additional 4 to 6 hours of independent learning each week for each module. For the dissertation module, Stage 2 of the programme, students will receive 1.5 hours of direct supervision with subject matter experts to provide guidance and direction on their research project.



### Examination & Assessment

100% continuous assessment strategy for all modules. There are no final exams on the programme. This assessment strategy will be supported by the planned workshops/destination visits/field trips where students will see real problems that must be addressed by the sector.



### On-Campus Attendance

Although the programme is fully online, in-person face-to-face workshops will be held for students. The date of these workshops will be confirmed at the start of the academic year but there will be two face-to-face workshops per semester in the first year of the programme. These workshops aim to build connections, morale and cohesion between the students and for students to get to know the programme team. The content of the workshops will also provide useful practical case studies that can be used during the programme.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,150

Sustainable Tourism and Events Impact Management  
Strategic Planning and Policy for Tourism and Event Management  
Sustainable Experiential and Engagement Marketing  
Leadership in Environmental Social Governance (ESG)  
Sustainable Tourism and Event Measuring and Monitoring  
Research Design & Development

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €6,300

Research Design & Development  
Research/Capstone Project

### Short Accredited Courses available:

#### Certificate in Sustainable Tourism & Event Management

**Duration:** 1 Semester

**Credits:** 15

#### Certificate in Sustainable Tourism & Event Measuring and Monitoring

**Credits:** 15

**Duration:** 1 Semester

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** ATU Galway City

and Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

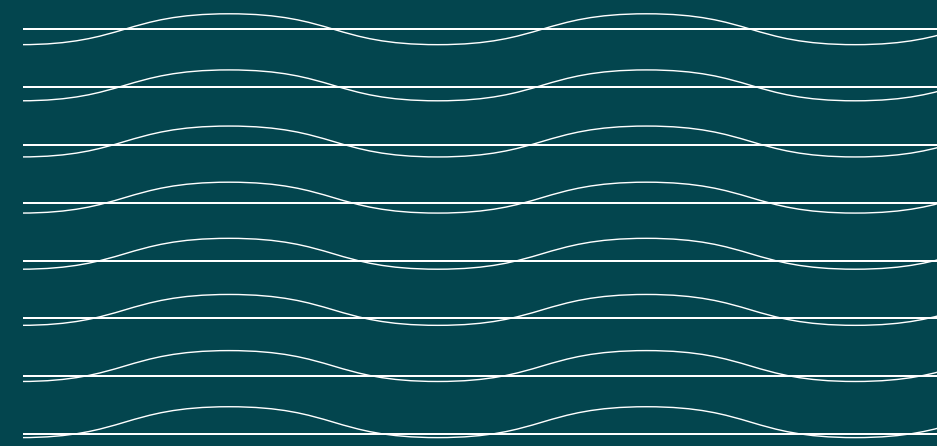
**Sligo Admissions:**

admissions.sligo@atu.ie



# Dearagh, Oideachas & Na Dána

## Design, Education and Humanities





# Creative Practice

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**

This programme offers artists, designers and filmmakers a creative and critically informed environment in which to develop and consolidate their practice. The course will support imaginative, experimental and interdisciplinary enquiry through a range of media and approaches.

## Key course details



### Entry Requirements

All qualified applicants with a relevant Level 8 qualification or equivalent will be short-listed for interview. Applicants must also provide a CV detailing their qualifications and career to date; a short visual record of previous work and a personal motivational statement which should include an outline of their plans and interests related to Creative Practice and potential Practice-Based Research.



### On-Campus Attendance

Participants may undertake the programme on a full-time basis, choosing to integrate their studies with their own practice. Some participants choose to base their practice on campus for the duration of the programme. Due to the flexible nature of the programme, participants can also opt to attend on-campus for lectures while continuing their practice from their own studio or workplace.



### Who should apply?

This programme offers artists, designers and filmmakers a creative and critically informed environment in which to develop and consolidate their practice.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 or 2 years

**Credits:** 60

**Total fees:** €4,200

Themes and Issues  
Professional Development  
Research and Innovation  
Creative Practice Project

### Master of Arts

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Research Project (E)  
Creative Practice Project (E)  
Minor Thesis (E)

*(E) = Elective Module*

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Wellpark Road

**Recognition of**

**Prior Learning** ✓

**ILEP Approved** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

## Master of Arts Creative Practice

This programme offers learners the opportunity to bring a piece of their practice in their chosen art-form(s) to a professional industry standard. The work will be supervised and guided by tutors who work in the industry.

### Key course details



#### Entry Requirements

Applicants are required to submit a Statement of Intent outlining their primary art-form and their ambitions for the 18 months. Additionally, applicants must also upload a link to a portfolio of their work or a sample of their writing.



#### Study Hours

Students can expect a total effort of 30 hours per week.



#### Examination & Assessment

Assessment is on-going throughout the year, however, there is a greater emphasis on the final module which is valued at more than half the overall credits for the MA, which sees the learner produce a substantial piece of practice, which is showcased at the end of the Summer in front of an audience of creative practitioners. Some of the rubric assessment for the practice includes knowledge breadth, know-how, knowledge competence, and competence context.



#### On-Campus Attendance

Mandatory attendance all day on Fridays.



#### Who should apply?

This programme is suitable for anyone interested in Creative Practice in the Arts, Fine Arts, Writing and Literature, Screen Writing, Playwriting, Creative Design, Interior Design, Photography, Film Making, Theatre and Performance, Theatre Design.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 1.5 years

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Sligo

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Creative Practice  
Research Methods

Place, Space and Culture

Introduction to Dissertation

Interdisciplinary Craft  
and Technique

Creative Specialism

Practice Dissertation

### Course Contact

**Admissions:**

admissions.sligo@atu.ie

## Master of Science Design and Innovation

This programme is designed for people who want to develop their innovation, design, management and leadership skills. Expertise developed through the programme will enhance careers in areas ranging from public services through to small businesses and large high tech multi-nationals. The course content has been inspired by the Stanford d. School's Design Thinking philosophy and is universally applicable.

### Key course details



#### Entry Requirements

H2.2 Level 8 degree in any discipline. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



#### Examination & Assessment

100% project-based with no exams.



#### On-Campus Attendance

Classes will run on every second Saturday morning. These classes will be online, apart from 2 classes each semester which will be on campus in Galway. There will also be 2 one-hour classes online on weekday evenings.



#### Who should apply?

This Masters programme is ideal for those who want to upskill for leadership roles in design and innovation; enhance their organisation's capacity to innovate in products, services and processes; collaborate with peers from a range of professional experiences and backgrounds and those seeking to future-proof their career and their organisation.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Galway City,  
Dublin Road

**Total fees:** €6,300\*\*

**Recognition of  
Prior Learning** ✓

### What will I study?

#### Modules

Applied Design Thinking  
Principles and Processes

Product and Service Processes

Research Methods for  
Design and Innovation

Design Innovation Project

Dissertation in Design  
and Innovation

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# User Experience Design and Applied Innovation

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**

The course is designed to enhance learner capabilities in User Experience (UX), Strategic Design Thinking Acumen, User Centred Clarity and Innovation. Graduates will gain knowledge of user experience design, UI, Emerging Technologies, visual communication skills, along with an insight into consumer behaviours.

## Key course details



### Entry Requirements

Standard applicants will present a qualification recognised by Quality and Qualifications Ireland (QQI) at Level 8 on the National Framework of Qualifications or equivalent. Applicants may also be eligible to apply on the grounds of Recognition of Prior Learning (PRL) if they have attained appropriate experience and attainment thresholds deemed equivalent to a Level 8 award.



### Study Hours

Students can expect 1 day per week in online Live classes (traditionally Fridays 9:30 - 4:30pm). The programme is broken down into two 12-week semesters plus a summer Work Based Learning Project. Students are also expected to complete tasks in their own time outside of class hours on individual and team projects.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme may be suitable for graduates from technical development and digital design backgrounds as well as Digitech management and leadership roles, current employees from the multinational and SME sectors in both technical and digital design capacity, plus unemployed graduates seeking to upskill.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

User Experience Design - UX  
Consumer Behaviour & Digital Markets  
Innovation & New Product Development  
Research Methods  
User Interface Design - UI  
Emerging Technologies  
Professional Development

### Master of Arts

**Duration:** 1.5 years

**Credits:** 90

**Total fees:** €7,200

Work Based Learning Project

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.donegal@atu.ie

## Master of Education

# Home Economics

This interdisciplinary programme aims to enhance teaching, learning and research in Home Economics / Home Economics education and is the only masters level Home Economics qualification offered on the island of Ireland. The programme will facilitate participants to understand and critically evaluate contemporary educational policy and practices in Home Economics / Home Economics education and apply relevant knowledge, theory and research findings in order to inform and enhance their professional practice. It provides participants with an enriched and extended repertoire of discipline knowledge as well as skills for critical reflection.

### Key course details



#### Entry Requirements

Applicants require a Bachelor of Education (Home Economics) Degree or an equivalent qualification in Home Economics at a minimum of H2.2 grade.



#### Study Hours

Four online sessions take place per semester. 20 hours of total student effort is recommended per credit. Total student effort comprises contact hours, tutor directed study and independent study.



#### Examination & Assessment

Year 1 will be assessed through coursework. Year 2 is assessed by participating in Advanced Research and Study Skills workshops and completing a Dissertation in a selected area of interest.



#### On-Campus Attendance

No attendance required.



#### Who should apply?

This interdisciplinary postgraduate programme is designed to meet the personal and professional needs of Home Economics graduates. Applicants to this programme are Home Economists and/or qualified Home Economics teachers who wish to progress their professional development.

Online

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** St Angelas

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

### What will I study?

#### Modules

Professional Inquiry in Home Economics / Home Economics Education

Elective: Nutrition, Diet & Health

Elective: Family, Youth and Child Studies

Elective: Applied Studies in Fashion and Textile Craft Education

Research Methods

Advanced Research and Dissertation

Dissertation

### Course Contact

#### Admissions:

admissions.stangelas@atu.ie



The online Master of Education in Home Economics allowed me to further my personal research goals and enabled me to further my professional career, all while working full-time internationally. I would recommend the programme to any Home Economist interested in doing the same.

Conor Fennell

Graduate of the Masters of Education  
in Home Economics



# Contemporary Innovations in Education

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme offers teachers and educational professionals a flexible and tailored programme of study in contemporary education, teaching and learning. The programme has been designed to deepen professional knowledge and understanding of contemporary educational theories, research, practices and innovations and their potential applications to a wide range of contexts, including schools, colleges and universities.

## Key course details



### Entry Requirements

Applicants will normally possess a Level 8 Undergraduate Degree (H2.2 or above) in Education or equivalent. Graduates applying from other related social sciences or arts/humanities disciplines will also be considered.



### Study Hours

Each 15 credit module holds a total participant effort of 300 hours. This usually encompasses contact hours, directed study and independent study.



### Examination & Assessment

Modules in stage 1 will normally be assessed by continuous assessment/written coursework. Stage 2 modules: Advanced Research Methods is assessed with a written dissertation proposal (maximum of 5,000 words). The Dissertation module requires the completion of a research dissertation (maximum of 20,000 words).



### On-Campus Attendance

Stage 1 modules: Whilst most modules in stage 1 have a blended delivery, for some, on campus attendance may be required for a one-day workshop/ lectures, usually on a Saturday. Stage 2 modules: The Advanced Research module is delivered exclusively online.



### Who should apply?

This programme is aimed at a wide range of graduates working in educational settings (e.g. primary, post-primary, higher education, adult and further education).

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €1,800

Students complete 2 of the following modules:  
 Contemporary Psychology in the Classroom  
 Contemporary Trends in Learning and Assessment  
 Technology for Inclusion and Empowerment  
 Current Trends in Science Education  
 The Site of Justice? The Religious Education Teacher and the Classroom  
 The Fundamentals of Bilingualism and Bilingual Education  
 Religion, Education and Society  
 Tutoring and Supervising in Higher Education  
 \*Other elective modules available

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €3,600

Students complete three of the modules listed above and an Advanced Research module.

### Master of Arts

**Duration:** 3 years

**Credits:** 90

**Total fees:** €7,200

Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

# Home Economics, Nutrition and Health Promotion

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This fully online, one-year full-time/two-year part-time programme is unique in Ireland, and internationally, in combining the potential to study and research at Level 9 (NFQ) in the areas of Home Economics, Nutrition and Health Promotion. This M.Sc. is an interdisciplinary, structured research programme which facilitates participants to understand and critically evaluate contemporary policy and practice across the three integrated programme areas, enabling graduates to apply the most recent knowledge, theory, and evidence-based research to their future professional practice.

## Key course details



### Entry Requirements

Applicants must hold a Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent in Home Economics or a cognate discipline. Applicants with other Level 8 programmes in Home Economics (B.Ed., B.A., B.Sc., etc.) are eligible, as are applicants with an honours degree (Level 8) in appropriate aligned / cognate disciplines, e.g. Human Ecology, Family and Consumer Sciences, Nutrition, Health Promotion, etc. Candidates who do not meet the H2.2 performance standard in a Level 8 award will be required to pass a qualifying assignment at a H2.2 performance standard.



### Study Hours

Students undertaking the M.Sc. programme are advised to allocate a minimum of 7 hours per week to complete each of the 3 x 10 ECT modules. This engagement will consist of a one-hour lecture (mix of live/asynchronous delivery) with an additional one hour per module allocated to engagement with a range of related resources, discussion forums, recommended reading, reflective exercises. Approximately five hours per week are recommended per 10 ECT module for independent study, additional reading, research and completion of module assignments.



### Examination & Assessment

This Masters programme is 100% coursework assessed and involves a range of assignments, projects, MCQs, reports and reflective diaries. There are no townhall examinations. Students will be fully informed at module level regarding the assessment strategy and the criteria that will be applied to the assessment of their performance to meet module/programme learning outcomes.



### On-Campus Attendance

There are no mandatory on-campus lectures /workshops for this programme.



### Who should apply?

The M.Sc. programme is designed to meet the personal and professional needs of Home Economics graduates, alongside allied discipline professionals and graduates.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,600

Home Economics: Theory and Practice  
Nutrition for Human and Planetary Health  
Health Promotion for Individuals, Families and Communities

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €7,200

Applied Research Practicum

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

Master of Science

# Outdoor Education, Sustainability and Well-being

This unique programme is the first postgraduate outdoor education award to be developed in Ireland. The programme fosters a strong philosophy of outdoor education across all modules utilising experiential approaches, residential experiences, journeying and other outdoor experiences. The programme embeds place-based learning within an Irish cultural and landscape context. Students will draw on the latest research and methodology to critically reflect on and develop their impact in their chosen specialist sector.

## Key course details



### Entry Requirements

Applicants must hold a Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent. Given the cross disciplinary nature of the programme, applicants may be from a range of disciplines.



### Study Hours

The programme is delivered with monthly workshops and enables flexibility. Each module will have directed e-learning between workshops, approximately 10-12 hours per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

4 residential workshops per semester at the ATU Mayo Campus.



### Who should apply?

This programme is suitable for those seeking to lead sustainability, wellbeing and experiential education related initiatives in organisations that use, or would like to begin using, the outdoors. Present students are from a wide spectrum of backgrounds which encompass; education, healthcare, community work, adventure programming and outdoor education.

Blended

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**Level:** 9

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**Credits:** 90

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**Duration:** 2 years

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**Study Mode:**
**Part-time:** Yes

**Full-time:** No

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**Delivery Method:**

Blended

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**Campus:** Mayo

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**Total fees:** €7,200

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**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Education for Sustainability

Applied Research

Experiential Learning,  
Landscape and Place

Nature and Well-being

Dissertation / Applied  
Research Project

## Course Contact

### Admissions:

[learn.galwaymayo@atu.ie](mailto:learn.galwaymayo@atu.ie)


# Professional Studies in Special Educational Needs\*

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

The aim of this programme is to provide substantial theoretical and practical continuing professional development for those interested in or already working with learners with special educational needs.

Research methods are critical to successful study at MA level and will incorporate problem-solving activities, action research in professional contexts and the opportunity to link theory and practice in general and in terms of the execution of coursework. Participants accepted onto the Masters stage of the programme will have achieved an increased level of competence and confidence within the Professional Studies in Special Educational Needs pathway. They will also be looking forward to choosing the area of study for their MA dissertation and beginning to reflect on possible research methodologies for their dissertation.

## Key course details



### Entry Requirements

Applicants require a Level 8 undergraduate degree (H2.2) or equivalent.



### Study Hours

Each 15 credit module holds a total student effort of 300 hours. Total student effort comprises contact hours, tutor directed study and independent study.



### Examination & Assessment

Continuous assessment will apply throughout the modules. This modular blended learning programme includes e-tivities, discussion boards, some face-to-face workshops and a written assignment. Advanced research methods is assessed with a written dissertation proposal (maximum of 5,000 words). The Dissertation module requires the completion of a research dissertation (maximum of 20,000 words).



### On-Campus Attendance

Stage 1 modules will include a one-day workshop which may be delivered online or face to face. The Advanced Research module is delivered exclusively online in Semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



### Who should apply?

This programme is suitable for a wide variety of participants including teachers, graduates, qualified teachers seeking employment, HSE employees, principals, managers, inspectors, and others in the education sector, including psychologists, tutors, occupational therapists, and caregivers and family members of learners with special educational needs.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €1,800

Students select two modules from the following suite: Autism, Behaviours that Challenge, Educational Research Methods, General Learning Disabilities, Inclusion for Learning, Literacy, Numeracy Specific Learning Difficulties 1 - Communication, Speech and Language Difficulties and Dyslexia Specific Learning Difficulties 2 - Dyscalculia, Attention Deficit/Hyperactivity Disorder and Dyspraxia/Developmental Coordination Disorder

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €3,600

Students complete four of the modules listed above.

### Master of Arts

**Duration:** 3 years

**Credits:** 45

**Total fees:** €4,300

Advanced Research  
Dissertation

\* Course will run subject to academic validation and application numbers

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of**

**Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie



# Special Education

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**

This programme is designed specifically to assist teachers in meeting the learning needs of students with special educational needs. The programme blends extensive theory and practice in relation to special and inclusive education. Participants accepted onto the Masters stage of the programme will have achieved an increased level of competence and confidence within the Professional Studies in Special Education pathway. They will also be looking forward to choosing the area of study for their MA dissertation and beginning to reflect on possible research methodologies for their dissertation.

## Key course details



### Entry Requirements

To be eligible, applicants must be graduates and qualified teachers registered with the Teaching Council of Ireland. Potential applicants must therefore have a designated teaching role in relation to students with special educational needs. The full eligibility requirements are outlined in the relevant Department of Education Circular. In order to be considered for the MA, applicants require an award of H2.2 or higher in the Postgraduate Diploma.



### Study Hours

During the 8-week block release live lectures normally take place between 9am and 4pm Monday to Thursday and 9am to 3.00pm Friday. Each 15 credit module holds a total student effort of 300 hours. Total student effort comprises contact hours, tutor directed study and independent study.



### Examination & Assessment

This programme is assessed through continuous assessment based on a variety of assessment methods. Advanced research methods is assessed with a written dissertation proposal (maximum of 5,000 words). The Dissertation module requires the completion of a research dissertation (maximum of 20,000 words).



### On-Campus Attendance

This programme includes a block release from school/ centre for a total of eight weeks for face-to-face lectures at the ATU St Angelas campus. The programme also includes online learning and attendance on a maximum of four Saturdays (virtual) during the year. It includes supervised work in the teachers' own schools/centres and supported ongoing study throughout the year using a variety of modes of delivery. The Advanced Research module is delivered exclusively online, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



### Who should apply?

This programme is designed for teachers who are eligible to apply under the terms of the Department of Education. The programme is for registered teachers who are currently working as Special Education Teachers in recognised primary schools including special schools and recognised post-primary schools. Applications are also invited from qualified teachers employed by ETBs as literacy/numeracy tutors in Youthreach, Community Projects or in the Prison Service.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** Department of Education funded

Inclusion: Perspectives and Implications for Practice  
Assessment, Planning and Applications  
Curricular Issues for Special Educational Needs  
Implications of Educational Disability  
Specialist Study

### Master of Arts

**Duration:** 2 years

**Credits:** 45

**Total fees:** €4,300

Advanced Research  
Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of  
Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

# Special Educational Needs - Autism

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme is offered in partnership with the National Council for Special Education (NCSE) and the Special Education Section of the Department of Education (DE) for registered teachers of students with Autism. The programme will develop teachers' knowledge, understanding and skills in working with autistic students. Research methods are critical to successful study at MA level and will incorporate problem-solving activities, action research in professional contexts and the opportunity to link theory and practice in general and in terms of the execution of coursework. Participants accepted onto the Masters stage of the programme will have achieved an increased level of competence and confidence within the Professional Studies in Special Educational Needs - Autism pathway. They will also be looking forward to choosing the area of study for their MA dissertation and beginning to reflect on possible research methodologies for their dissertation.

## Key course details



### Entry Requirements

This programme is for registered teachers who are currently working with students with Autism or will be working with students with Autism for the duration of the programme in recognised Primary schools including Special schools and recognised Post-Primary schools. In order to be considered for the MA, applicants require an award of H2.2 or higher in the Postgraduate Diploma.



### Study Hours

Each 15 credit module holds a total participant effort of 300 hours. This usually encompasses contact hours, directed study, and independent study.



### Examination & Assessment

Participants will be assessed through a variety of continuous assessment methods, in addition to their work in schools through class visits. Advanced research methods is assessed with a written dissertation proposal (maximum of 5,000 words). The Dissertation module requires the completion of a research dissertation (maximum of 20,000 words).



### On-Campus Attendance

The Postgraduate Certificate requires a minimum of eighteen days release from school. The Postgraduate Diploma requires a minimum of thirty-seven days release from school. The Advanced Research module is delivered exclusively online, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



### Who should apply?

The programme is for registered teachers who are currently working with students with Autism or will be working with students with Autism for the duration of the programme in recognised Primary schools including Special schools and recognised Post-Primary schools.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €600\*

Understanding Autism: Theoretical Perspectives and Implications for Practice

Engaging Autistic Students: Assessment and Planning for Teaching and Learning (E)

Autistic Students: Teaching Approaches (E)

(E) = Elective Module

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €1,200\*

Students complete all three modules listed above, and:  
Supporting Autistic Students with reference to Emotional Regulation and Promotion of Positive Behaviour

### Master of Arts

**Duration:** 3 years

**Credits:** 45

**Total fees:** €4,300

Advanced Research  
Dissertation

\* All elements within each module are funded by the Special Education Section of the Department of Education and Skills through the National Council for Special Education. Applicants will be responsible for payment of a fee of €300 per module and will be invoiced by ATU St Angelas.

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

# Specific Learning Difficulties\*

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

The aim of this programme is to provide substantial theoretical and practical continuing professional development for those interested in or already working with learners with special educational needs. Research methods are critical to successful study at MA level and will incorporate problem-solving activities, action research in professional contexts and the opportunity to link theory and practice in general and in terms of the execution of coursework. Participants accepted onto the Masters stage of the programme will have achieved an increased level of competence and confidence within the Specific Learning Difficulties pathway. They will also be looking forward to choosing the area of study for their MA dissertation and beginning to reflect on possible research methodologies for their dissertation.

## Key course details



### Entry Requirements

Applicants require a Level 8 undergraduate degree (H2.2) or equivalent. For students without the relevant academic qualification but with relevant previous experience, Recognition of Prior Learning can be awarded.



### Study Hours

Modules may employ a combination of online, face-to-face or blended delivery. Each 15 credit module holds a total participant effort of 300 hours. This usually encompasses contact hours, directed study, and independent study.



### Examination & Assessment

Continuous assessment will apply throughout the module. This modular blended learning programme includes e-tivities, discussion boards, some face-to-face workshops and a written assignment. Advanced Research Methods is assessed with a written dissertation proposal (maximum of 5,000 words). The Dissertation module requires the completion of a research dissertation (maximum of 20,000 words).



### On-Campus Attendance

Modules in the Postgraduate Certificate and Postgraduate Diploma Phase modules include a one-day workshop which may be delivered online or face-to-face. The Advanced Research module is delivered exclusively online, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



### Who should apply?

This programme is suitable for a wide variety of participants including teachers, graduates, qualified teachers seeking employment, HSE employees, principals, managers, inspectors, and others in the education sector, including psychologists, tutors, occupational therapists, and caregivers and family members of learners with special educational needs.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €1,800

Students select two modules from the following:

Literacy

Specific Learning Difficulties 1 - Communication, Speech and Language Difficulties and Dyslexia

Specific Learning Difficulties 2 - Dyscalculia, Attention Deficit/Hyperactivity Disorder and Dyspraxia/ Developmental Coordination Disorder

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €3,600

Students complete all modules listed above, and:  
Educational Research Methods

### Master of Arts

**Duration:** 1 year

**Credits:** 45

**Total fees:** €4,300

Dissertation

\* Course will run subject to academic validation and application numbers

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

## Master of Arts

# Teaching and Learning

This suite of programmes has been designed for applicants who would like to gain a formal qualification in teaching and learning in Higher Education, and/or a qualification in Further Education. In addition, it is for those who wish to develop and enrich their own teaching and learning practices in the context of Continuous Professional Development (CPD).

### Key course details



#### Entry Requirements

The entry requirement for undertaking the programme is an Honours Degree (H2.2) in any discipline. Applicants must be lecturing in Higher Education, since a lecturing placement is integral to programme delivery.



#### On-Campus Attendance

Typically, students attend the campus one day per month from September to May (on a Thursday or a Friday, depending on the module).



#### Who should apply?

Applicants must be lecturing in Higher Education, since a lecturing placement is integral to programme delivery.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 3 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €7,200

**Recognition of  
Prior Learning** ✓

### What will I study?

#### Modules

Thesis in Education Science

Teaching and Learning  
Applied Project

Certificate in Teaching and Learning

Technology Enhanced Learning

Student Centred Learning (SCL)

The Research Cycle: Foundation

Education for Sustainability [E]

Digital Teaching and Learning [E]

Recognition of Prior Learning  
(RPL) Assessment [E]

Assessment and Feedback [E]

Mentoring [E]

Professional Development  
Framework Portfolio (PDFP) [E]

Postgraduate Supervisory Skills [E]

UDL Curriculum Design [E]

[E] = Elective Modules

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

## Master of Arts

# Learning and Teaching

This course is designed to support the development of learning and teaching within third level, further education, post-primary and primary sectors. A key aspect of the course is the relationship between effective teaching and reflective practice; the imperative to reflect not only on what we should teach, but how effectively we teach. This course will enable students to critically analyse their own teaching practice, and offer a variety of pathways to complete a full Masters in learning and teaching.

### Key course details



#### Entry Requirements

Level 8 Honours Degree, second class honours 2.2, (2.1 preferable) and currently involved in a teaching or training role. Applicants without an Honours degree, with relevant experience, may also be eligible to apply via Recognition of Prior Learning (RPL).



#### Study Hours

It is recommended to allow 5 hours per week per 5-credit module and 10 hours per week per 10-credit module.



#### Examination & Assessment

100% continuous assessment.



#### On-Campus Attendance

One Saturday per semester.



#### Who should apply?

This programme is suitable for teachers or educational professionals in early childhood, primary, secondary or third level and further education sectors who wish to enhance their professional development, reflect on their own practice and develop new techniques and/or leadership skills.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Total fees:** €7,200

**Recognition of  
Prior Learning** ✓

### What will I study?

#### Modules

The following are mandatory modules:

Learning, Teaching and Assessment

Enhanced Learning Through Technology

Inclusive Curriculum using Universal Design for Learning

Learning and Teaching with Creativity

Research Methods

Student can then choose from a number of electives.

### Course Contact

**Admissions:**

admissions.donegal@atu.ie

# Universal Design for Learning

## Award Options

- **Master of Arts**
- **Postgraduate Certificate**

Based in cognitive neurosciences, UDL focuses on designing curricula with variability and removing barriers through offering flexible options and proactively designing capacity building learning experiences. The programme carefully examines the neuro-educational research that UDL evidence in addressing how people learn. It will explore its implementation in a variety of contexts and critically examine it in practice success as support to inclusion and access.

In Year 2, the research component of the award extends this further, allowing students to action their learning in an in-depth and meaningful way. Students will develop the knowledge, skills and competencies required to conduct research in and on practice, considering and evaluating in practice implementation. This sustained piece of research culminates in the presentation of a thesis.

## Key course details



### Entry Requirements

Honours degree (Level 8), with evidence of a 2:2 or higher. For students progressing to the Masters in Universal Design for Learning, successful completion of the Postgraduate Certificate in Universal Design for Learning is a pre-requisite.



### Study Hours

The Masters semester runs over 30 weeks and comprises of the MA research project. Dissertation Supervisors are subject matter experts in your area and work with a co-supervisor who has expertise in inclusive teaching practice. You will be paired with Supervisor(s) that will provide guidance on a weekly basis throughout your research project.



### Examination & Assessment

All assessments on this programme are continuous assessment. This includes a creative project, e-portfolio and digital reflective journals. The objective of the research thesis is to provide an independent and critical appraisal of an issue in relation to Inclusive Practice. The research project will allow the learner to consider how to embed UDL within learning and the impact of this.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

The aim of this programme is to support educational personnel to develop a variety of teaching methods to lower any barriers to learning, by introducing more flexible methods of teaching, assessment, and service provision to cater for the diversity of learners in their classrooms.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Understanding the UDL Framework:  
Inclusive Education - Beyond Threshold Concepts  
Implementation of the UDL Framework:  
Supporting Student Learning

### Master of Arts

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Research Project UDL

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie

# Transformative Practices in Equality, Diversity and Inclusion\*

## Award Options

- **Master of Arts**
- **Postgraduate Certificate**

This programme aims to respond to the requirement to understand a socially diverse and multi-cultural Ireland. It seeks to enhance the skills of learners so that they may be culturally, socially, and emotionally competent in equality, diversity, and inclusion practices. It also sets out to support learners to engage in transformative practice so that difference and inclusion can be rendered visible and celebrated in the framework of a positive affirmation of human diversity.

## Key course details



### Entry Requirements

Applicants must submit a personal statement outlining why they wish to undertake the programme. In the event of a surplus number of applicants, the personal statement will form the basis for selection of offers. Ideally, applicants will hold a Level 8 degree at H2.2 in any discipline.



### Study Hours

Live online lectures will take place over two half-days from 2pm until 6pm over the course of the academic year. The residential sessions will occur in week 6 and week 10 of each semester. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module for their studies.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Two residential sessions per semester.



### Who should apply?

The programme is designed to develop graduates who primarily will work in equality, diversity and inclusion related fields, but is also suitable for those seeking a broad understanding of contemporary equality and diversity issues.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Creative Pedagogy and Research  
Collective Transformation  
Law, Policy and Activism  
Histories of Inequality

### Master of Arts

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Community Engagement  
Preparation for Research/Action Project  
Power and knowledge  
Contemporary Issues in Equality  
Diversity and Inclusion  
Research / Action Project

\* Course will run subject to academic validation and application numbers

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

## Master of Arts Social Work

The aim of this programme is to allow individuals to become professional and competent social workers who are knowledgeable, reflective, research-focused practitioners, able to work critically and ethically in a variety of different sectors.

The programme aims to support students in developing a critical awareness of current issues facing society; facilitate students to develop an understanding of professional accountability and the legal and regulatory framework within which social work operates and develop learners who not only recognise and understand the importance of evidence and research in and to practice but who can contribute to this debate and apply to social work practice.

### Key course details



#### Entry Requirements

Require a grade of 2.1 or above in Social Sciences i.e. B.Soc.Sc, Community Development, Early Childhood Care and Education, Psychology, Social Policy, Social Science, Social Care Practice, Sociology, Social Policy, Youth and Family Studies. If an applicant has a level 8 award in a discipline that is not social sciences, they must hold a postgraduate award in social sciences (minimum 2.1 grade). If an applicant has a level 8 award in a discipline that is not social sciences, they must hold a postgraduate award in social sciences (minimum 2.1 grade). Students with grade of 2.2 with greater than five years of relevant experience may be considered as suitable applicants to the programme.



#### External Accrediting Body

CORU



#### On-Campus Attendance

Full-time and part-time students will attend lectures on-campus.



#### Who should apply?

Upon qualification graduates are eligible to register with CORU (regulator) to practice in the profession of Social Work. It is anticipated that the majority of graduates of this programme will enter the many vacancies in the social work field. Consequently, the programme has been developed to provide academic knowledge, and skills to work in a variety of social work environments.

### Course Contact

#### Admissions:

admissions.sligo@atu.ie

### On-Campus

**Level:** 9

**Credits:** 120

**Duration:** 2 years

#### Study Mode:

**Part-time:** Yes

**Full-time:** Yes

#### Delivery Method:

On-Campus

**Campus:** Sligo

**Total fees:** €9,000

**Recognition of Prior Learning** ✕

**ILEP Approved** ✓

### What will I study?

#### Modules

Social Policy for Social Work  
 Social Work Theory to Practice  
 Social Work Skills and Competencies  
 Preparation for Placement  
 Lifespan Developmental Psychology for Social Workers  
 Fieldwork Placement 1  
 Sociological Perspectives for Social Work  
 Research Methods and Evaluation  
 Professional Ethics in Social Work Practice  
 Interprofessional and Interagency Collaboration (IPIAC) in Social Work  
 Group Work Theory and Practice  
 Professional Development  
 Social Work Research Project  
 Fieldwork Placement 2  
 Law and Social Work  
 Traumatic Experiences: Psychological impact across the lifespan



I knew that I always wanted to work with children and my passion was children and child development, but I didn't want to be in a classroom. I really liked the broad career objectives that this course offered me. The online part-time delivery of the course meant that I could go back and I could work full time while studying as well. I found the part time online very manageable. It came with its challenges in terms of having a full-time job and the study. Completing this course has had a huge impact on my career because shortly after graduating in January 2023, I went on to set up my own business, Maia Purposeful Play.

Shannan Mulrooney

Graduate of the Master of Arts  
 in Leadership & Advocacy in Early Years

# Leadership and Advocacy in the Early Years

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**

Through this programme students will develop key skills to help them build their own leadership and advocacy capacity, to shape and influence the key organisations and agencies in the early years sector and to effectively bring about real change.

## Key course details



### Entry Requirements

Applicants require a 2.2 BA Honours in Early Childhood or cognate discipline and will have at least two years experience working in the early years sector or a related field completed at the end of the programme of study. Where large numbers apply far exceeding available places shortlisting of applications for an interview may occur.



### Study Hours

Students can expect 3 hours of online lectures and 6-8 hours of individual study weekly.



### Examination & Assessment

Assessment of the programme will be through a broad variety of student-centered assessment techniques.



### On-Campus Attendance

The programme is structured around two modules each semester. Each semester includes an onsite residential programme at our Sligo campus.



### Who should apply?

This programme is suitable for anyone currently in or seeking to move into a leadership role in the Early Learning and Care sector e.g. Early Years Inspectorate, Better Start Mentors, Manager/Support and Development Staff of City and County Childcare Committees, Management/Leadership roles in Tusla, Management/Policy roles with National Voluntary Organisations, Lecturing, Management roles in Family Resource Centres and as managers of both private and community Early Years services.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4800

Pedagogical Leadership & Advocacy  
Leadership in Practice for Early learning & Care Professionals  
Children's Lives  
Contemporary Psychology for Leadership & Advocacy in ECEC  
Researching Leadership & Advocacy in the Early Years

Leading Interprofessional & Interagency Collaboration in the Early Education and Care Sector

### Master of Arts

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7200

Organisations & Change  
Research Project

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Saoirse Kennedy:

saoirse.kennedy@atu.ie



# Social Care and Social Justice

## Award Options

- **Master of Arts**
- **Postgraduate Diploma**

This programme offers students the opportunity to critically analyse social care and social justice and explore its applications to a range of service and user groups to enhance their capacity to act as a force for progressive social change. Through this course, students are required to reflectively interrogate their own identities and positioning, developing practical skills for advocacy, lobbying and activism allowing them to lead and initiate change within a given area. The objective of the dissertation/research project is to provide an independent and critical appraisal of an issue related to social care and social justice.

## Key course details



### Entry Requirements

Applicants require a 2.2 Honours Degree in Social Care or a cognate discipline. It is also desirable for applicants to have two years of professional practice experience in a relevant field. An entry selection process will include these entry requirements, and submission of a sample of written work.



### Study Hours

Each module involves 18 hours of online classes and 18 hours of online workshops. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies, and 8 plus hours for each 10 credit module.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Optional attendance of residential workshop is normally available once per semester.



### Who should apply?

This programme provides graduates with expert knowledge in the social care and social justice fields and therefore is suitable for those looking to progress up their personal career ladders in areas such as policy, research, management and leadership within a variety of organisations such as homeless services, disability services, community activism, prison services and many more.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4800

Introduction to Social Justice Theory  
Social Transformation  
Care Work and Social Justice  
Human Rights  
Social Policy and Law  
Social Locations: An intersectional approach  
Management and Leadership in Social Care  
Research Design and Development

### Master of Arts

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7200

Social Inclusion and Diversity  
Final Research Project

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

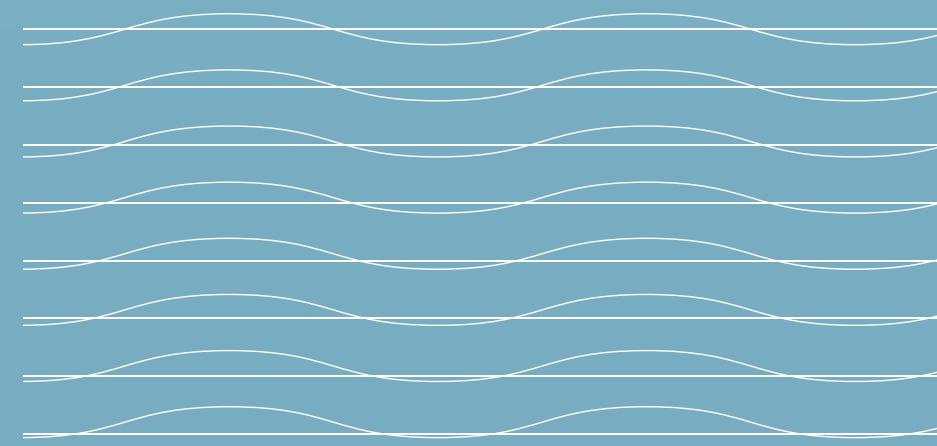
**Student Advisor:**

Saoirse Kennedy:

saoirse.kennedy@atu.ie



# Innealtóireacht & Ríomhaireacht Engineering and Computing



# Building Information Modelling and Digital Leadership

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme directly responds to a significant gap in national and international educational provision related to digital leadership across the built environment value chain. The programme will provide a flexible, multidisciplinary and industry-focused programme that will empower graduates to lead the transition towards a collaborative, digitalised built environment.

## Key course details



### Entry Requirements

Candidates must hold a cognate Level 8 Bachelor (Honours) degree with a minimum grade classification of H2.2 or equivalent e.g. Civil Engineering, Construction Management, Architectural Technology, Architecture, Construction Economics and Surveying, Building Information Modelling, or other similar degrees, which provide students with knowledge of BIM as a technology and a process. Candidates who do not meet the H2.2 performance standard in a Level 8 award will be required to pass a qualifying assignment at a H2.2 performance standards, as established by the Programme Board for the programme in question and as approved by the Registrar.



### Study Hours

Lectures typically are four hours a week with 6 additional self directed learning hours.



### Examination & Assessment

This programme is based on project-based work and continuous assessment. There are no final exams.



### On-Campus Attendance

Attendance is required for some modules that required access to a PC, this could involve attendance for initial set up.



### Who should apply?

This programme is designed for working professional with a Level 8 degree, who wish to develop new skills in leadership in the BIM environment and want to effect change in their organisation.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,000\*\*  
DASBE students pay €749

Building Information Modelling (BIM) and Digital Leadership  
Visual Programming for Digital Construction  
Building Information Modelling for Sustainability

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4,000\*\*  
DASBE students pay €1,500

Build Digital Applied Work-Based  
Research Project

### Master of Science

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €6,000\*\*  
DASBE students pay €2,250

Build Digital Thesis

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Galway City,  
Dublin Road

**Recognition of  
Prior Learning** ✓

## Course Contacts

**Admissions:**

learn.galwaymayo@atu.ie

**Student Advisor:**

Eileen O'Hara:  
eileen.ohara@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Built Environment Regulation

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

The programme aims to afford advanced experience, knowledge, and training to fulfil, in part, the onerous and challenging roles, duties, and responsibilities associated with a range of Built Environment Regulations in the Irish construction industry.

## Key course details



### Entry Requirements

Candidates must hold a cognate level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent, in an appropriate Built Environment undergraduate programme or equivalent. Candidates who do not meet the H2.2 performance standard in a Level 8 award will be required to pass a qualifying assignment at an H2.2 performance standard as established by the Programme Board for the programme in question and as approved by the Registrar.



### Study Hours

Part-time: 6 hours per week. Full-time: 12 hours per week.



### Examination & Assessment

All modules are 100% continuous assessment. Authentic assessment practices are used such as online examinations, online quizzes, project work, either in groups or individually, and a thesis.



### External Accrediting Body

Chartered Association of Building Engineers (CABE).



### On-Campus Attendance

Tutorials, project work, and assessments will be conducted over a few Saturdays each semester.



### Who should apply?

This programme is designed for a multidisciplinary cohort across the built environment disciplines such as Architecture, Engineering, Building Surveying, Architectural Technology, and Construction Management, among others. It is designed to meet the postgraduate and continuing professional development needs of these disciplines, to develop their competence in these areas. It will be particularly beneficial to new entrant graduates who have recently entered the workforce in the last one to three years.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,000\*\*  
DASBE students pay €750

Introduction to Legislation for the Built Environment  
Structures  
Energy Conservation  
Fire Safety (Dwellings)

### Postgraduate Diploma

**Duration:** 1 or 2 years

**Credits:** 60

**Total fees:** €4,000\*\*  
DASBE students pay €1,500

Services  
Access and Use  
Fire Safety (Buildings other than Dwellings)  
Built Environment Research

### Master of Science

**Duration:** 1.5 or 2.5 years

**Credits:** 90

**Total fees:** €6,000\*\*  
DASBE Students pay €2,250

Built Environment Thesis

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,  
Dublin Road

**Recognition of  
Prior Learning** ✓

## Course Contacts

**Admissions:**

learn.galwaymayo@atu.ie

**Student Advisor:**

Eileen O'Hara:  
eileen.ohara@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

“

I always wanted to do a Level 9 Masters and I also knew I needed to improve my skills in Built Environment Regulations for the Irish Construction Industry. I am the Managing Director and owner of OSENG, a Construction company specialising in delivering innovative engineering solutions to the Pharmaceutical, Medical Device and Commercial sector, and I need to have a good understanding and grasp of the Building Regulations needed for the construction industry."

Gary O'Sullivan

**Graduate of the Master of Science in Built Environment Regulation.**



# Circular Economy Leadership for the Built Environment

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme has been developed in close collaboration with construction industry professionals to provide a flexible, multidisciplinary and industry-focused programme that seeks to address the current competency and skills gap in the construction sector both nationally and in a global context. Students will discover a focused set of mandatory modules that cover all stages in the design-construction-operation and end-of-life process. The programme is designed to embrace experiential and collaborative learning opportunities by continuously embedding evolving circular economy best practice through an academic-industry reciprocal learning framework.

## Key course details



### Entry Requirements

Candidates must hold a cognate Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent e.g. Civil Engineering, Construction Management, Architectural Technology, Architecture, Construction Economics and Surveying etc. Candidates who do not meet the H2.2 performance standard in a Level 8 award will be required to pass a qualifying assignment at an H2.2 performance standard as established by the Programme Board for the programme in question and as approved by the Registrar. Graduates of the Postgraduate Diploma and the Postgraduate Certificate in Circular Economy Leadership for the Built Environment are eligible to continue on to the M.Sc



### Study Hours

The course is fully online with 4 hours of online workshops and 6 hours of self-paced online activities each week.



### Examination & Assessment

100% continuous assessment. Students complete a Thesis and Research Paper at Masters stage.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme is suitable for professionals across the built environment value chain i.e., local authorities, planners, engineers, project managers, consultancies, architects, building manufacturers, contractors, technicians, building surveyors, purchasing officers etc.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,000\*\*  
DASBE students pay €750

Circular Economy Principles for the Built Environment.  
Circular Economy Leadership and Organizational Transitions.

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €4,000\*\*  
DASBE students pay €1,500

Applied Circular Built Environment Work-Based Research Project

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €6,000\*\*  
DASBE students pay €2,250

Circular Built Environment Thesis

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Online

**Campus:** Galway City,  
Dublin Road

**Recognition of  
Prior Learning** ✓

## Course Contacts

### Admissions:

learn.galwaymayo@atu.ie

### Student Advisor:

Eileen O'Hara:  
eileen.ohara@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

## Master of Science Engineering Management

This programme focuses on the increasing development and use of management engineering skills in the modern diverse engineering. This MSc course will be of particular interest to engineers who wish to maximise organisational efficiencies, manage supply chains, lead teams, deliver large projects, use advanced analytics techniques to extract knowledge from valuable data and effectively communicate justified research supported directive decisions.

### Key course details



#### Entry Requirements

Minimum 2.2 Honours Degree or an equivalent qualification in Science, Technology, Engineering, Mathematics with at least 3 years relevant experience. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL)



#### Study Hours

4 hours contact time per 10-credit module per week. There is also 13 hours independent learning per 10-credit module per week.



#### Examination & Assessment

100% continuous assessment. A range of assessment methods may be used, including; individual assignments; group assignments; lab workbooks; online class/lab tests and presentations/demonstrations.



#### On-Campus Attendance

Full-time students are required to attend lectures on-campus. For those studying online part-time, no attendance required.



#### Who should apply?

This course will be of particular interest to engineers who wish to maximise organisational efficiencies, manage supply chains, lead teams, deliver large projects, use advanced analytics techniques to extract knowledge from valuable data and effectively communicate justified research supported directive decisions.

Online/On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 or 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Process Analysis and Improvement

Operations and Supply Chain Management

Data Analytics & Visualisation

Strategic Leadership

Project Management

Research Practice

Dissertation [E]

Applied Industry Project [E]

[E] = Elective Modules

### Course Contacts

#### Admissions:

admissions.donegal@atu.ie

#### Student Advisor:

Tricia Fitzpatrick:  
tricia.fitzpatrick@atu.ie



# Geotechnical / Structural Engineering Joint Programme

## Award Options

- **Master of Engineering**
- **Postgraduate Certificate (Geotechnical and Structural Engineering)**

This programme provides postgraduate training for Level 8 degree qualified professional and graduate Civil Engineers who require up-skilling and higher education in the areas of Geotechnical and Structural Engineering. Project work in the modules develops both technical and teamwork skills in a multi-disciplinary approach. At Masters level, the research thesis gives the opportunity to research a topic of their choice, which may be directly relevant to their employer or industry.

## Key course details



### Entry Requirements

The minimum entry requirements are a second class honours (2.2) award in a professionally accredited (Engineers Ireland Chartered Engineer with further learning or equivalent) Honours degree (Level 8) in Civil or Structural Engineering.



### Study Hours

The programme consists of two semesters, with three modules per semester. Students will have weekly live lectures of 2 hours per module. Lectures typically take place in the evening after 6pm. It is recommended that you should try to allow for 5-6 hours per week per 5-credit module to your studies. At Masters Level, students undertake a thesis and research a core topic related to the programme.



### Examination & Assessment

Taught modules have a minimum of 60% continuous assessment / project work. Five out of the six taught modules have an end of module examination worth 40%. The thesis module is evaluated using a presentation, a poster, the written thesis and an interview.



### On-Campus Attendance

Two on campus workshop days per semester. Attendance is optional. The workshops are broadcast live and are also recorded.



### Who should apply?

This programme provides a means for graduate engineers to meet the educational requirement for Chartered Engineer membership of Engineers Ireland, while at the same time developing advanced skills in Geotechnical and Structural Engineering. The programme is also attractive to experienced Civil Engineers who are seeking to move from a different area of expertise into the Geotechnical and /or Structural Engineering domains.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,000

Geotechnical Engineering I  
Soil - Structure Interaction  
Design of Building Structures  
Geotechnical Engineering II  
Research Methods  
Design of Bridge Structures

### Master of Engineering

**Duration:** 2 or 3 years

**Credits:** 90

**Total fees:** €9,000

MEng Research Thesis

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Sallyanne Downes:

Sallyanne.Downes@atu.ie



# Project Management

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme offers graduates a broad skills base for the profession in Project Management by both academic learning and practical experience. The course has been customised to meet the exact needs of clients in various sectors, through the delivery of core principles of Project Management and allowing the participant to tailor their programme through the selection of electives relevant to their sector.

## Key course details



### Entry Requirements

Candidates will be expected to hold a minimum second-class Honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.



### Study Hours

One-hour live lecture per module and four to five hours self-directed learning per module. At Masters level, students will undertake a research thesis through which they will present, explain and critically discuss current issues, knowledge and theory relating to an area of Project Management.



### Examination & Assessment

Final exams and continuous assessment.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

This programme is designed for graduates or professionals who are interested in becoming involved in developing their skills and competencies in project management.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €6,000

Project Planning  
 Research Methods  
 Project Management Simulation  
 Project Implementation  
 Contracts and Procurement  
 Strategic Management  
 Business Management and Entrepreneurship

\*Students also choose from a number of Elective modules

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €9,000

Research Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Sallyanne Downes:

Sallyanne.Downes@atu.ie

# Road and Transport Engineering

## Award Options

- **Master of Engineering**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Road Maintenance Engineering and Network Management)**

This programme is aimed at preparing engineering graduates including local authority engineers, consultants and contractors with the knowledge, skills and competencies required for an accredited postgraduate award in road and transport engineering. In Year 3, students undertake a research dissertation developing their abilities in advanced research, designing and executing experiments, numerical analysis, analytical analysis, concept development and reporting. This programme was developed in collaboration with the Local Authority Services National Training Group (LASNTG).

## Key course details



### Entry Requirements

The entry requirement for Stage 1 of the programme is a second class honours BEng degree in Civil Engineering or equivalent. Graduates of the Level 9 Certificate in Road Maintenance Engineering & Network Management can transfer to Stage 2 of this programme. Graduates of the L9 Postgraduate Diploma in Road and Transport Engineering can transfer to Stage 3 of the programme and complete the research dissertation to achieve the award of MEng.



### Study Hours

Live lectures normally take place between 6pm and 10pm, three evenings per week. Independent study hours will be reflective of a student's experience.



### Examination & Assessment

This programme is assessed through a mixture of continuous assessment and final exams. In Year 3, students undertake a research dissertation.



### External Accrediting Body

Engineers Ireland - Chartered Engineer Status. (Masters)



### On-Campus Attendance

Workshops occur twice per semester at the Sligo Campus on a Friday generally from 9.30am-4.30pm.



### Who should apply?

This programme is aimed at providing graduates with the academic requirements of Engineers Ireland accreditation for the status of Chartered Engineer. This will facilitate professional engineers to progress to senior roles within the roads and transport engineering sector.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €4,500\*\*

Transportation Planning  
Geotechnical Engineering I  
Structural Inspection and Assessment of Bridges  
Construction Contracts & Liabilities  
Traffic Control and Safety  
Road Pavement Design and Management

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €9,000\*\*

Research Methods  
Drainage Systems Design and Flood Management  
Road and Transport Scheme Design  
Geotechnical Engineering II  
Design of Bridge Structures  
Project Management and Appraisal

### Master of Engineering

**Duration:** 3 years

**Credits:** 90

**Total fees:** €12,000\*\*

MEng Research Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Sallyanne Downes:

Sallyanne.Downes@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

Master of Science

# Computing in Big Data Analytics

This programme focuses on the processes involved in examining and interpreting large amounts of data of a variety of types to uncover hidden patterns, unknown correlations and other useful information. From banking and financial services to retail and healthcare, as well as life sciences, the opportunities in big data analytics are expanding all the time, and this course provides students with excellent qualifications to make the most of the ever increasing opportunities.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Non computing applicants must have a minimum of 30 ECT credits in Computing or Computing related modules, or computer industry experience. Students without an Honours degree but have relevant experience may also be eligible to apply via Recognition of Prior Learning (RPL). Applicants may also attend a one week bridging course where necessary.



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

The majority of modules are assessed via 100% continuous assessment. One module is assessed via 50% coursework and 50% final exam.



### Who should apply?

This programme is suitable for individuals who have a strong interest in data analysis, programming, and statistical modelling, and who want to develop advanced skills in these areas to pursue a career in data science or related fields.

Online

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Online

Campus: Letterkenny

Total fees: €6,300

Recognition of

Prior Learning ✓

ILEP Approved ✓

## What will I study?

### Modules

Business Intelligence

Machine Learning

Big Data Analytics

Mathematics for Analytics

Big Data Architecture

Data Science

Dissertation

## Course Contact

### Admissions:

admissions.donegal@atu.ie



# Computing in Big Data Analytics and Artificial Intelligence

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme focuses on the processes involved in examining and interpreting large amounts of data of a variety of types to uncover hidden patterns, unknown correlations and other useful information and then enabling computer systems to make independent decisions. From banking and financial services to retail and healthcare the opportunities in big data analytics and artificial intelligence are expanding all the time, and this course provides you with excellent qualifications to make the most of the ever increasing opportunities. Students will cover topics such as the principles of artificial intelligence, machine learning, big data analytics and big data architecture.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Non computing applicants must have a minimum of 30 ECT credits in Computing or Computing related modules, or computer industry experience. Applicants without an Honours degree but have relevant experience may also be eligible to apply via Recognition of Prior Learning (RPL). Applicants may also attend a one week bridging course where necessary.



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Full-time on-campus students must attend on-campus lectures. Part-time online students have no on-campus attendance requirement.



### Who should apply?

This programme is suitable for individuals who have a strong interest in data analysis, programming, statistical modelling, and AI techniques, and who want to develop advanced skills in these areas to pursue a career in data science, AI, or related fields.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

Mathematics for Analytics  
Principles of Artificial Intelligence  
Machine Learning  
Big Data Analytics  
Big Data Architecture  
Artificial Intelligence for Vision and NLP

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Dissertation

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.donegal@atu.ie

### Student Advisor:

Tricia Fitzpatrick:  
tricia.fitzpatrick@atu.ie

Master of Science

# Blockchain Technologies and Applications

There is an increasing recognition of the importance of Blockchain and Distributed Ledger Technologies (DLTs) for companies in Ireland and internationally. The reason for this is that Blockchain/ DLTs are at the cutting edge of a vast range of new applications in quality control, contract management, digital currencies and transparency in governance.

Blockchain is also a universal infrastructure that can store or transfer information anywhere, regardless of country.

## Key course details



### Entry Requirements

Applicants require an Honours degree with first or second-class honours or an equivalent qualification in Computing, Science, Engineering, Business, Finance, Mathematics or any associated discipline. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

100% continuous assessment



### Who should apply?

This programme will be of particular interest to students who wish to understand how Blockchain and Distributed Ledger Technologies with their underlying characteristics of Provenance, Immutability, Consensus and Finality can be used in healthcare, supply chain management, energy, trade systems, banking and finance, cybersecurity, intellectual property, digital verification and identity management and government services. By learning about blockchain graduates will become a key part of increasingly multi-skilled teams that are responsible for planning and managing the implementation of next-generation IT systems in almost all aspects of business and society.

On-Campus

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

On-Campus

Campus: Letterkenny

Total fees: €6,300

Recognition of

Prior Learning ✓

ILEP Approved ✓

## What will I study?

### Modules

Cryptography and Cryptographic Implementations

Decentralised Applications (D'Apps) Development and Smart Contracts

Distributed Ledger Technology, Cryptocurrencies and Non fungible Tokens

Cybersecurity and Blockchains

Information Security Management

Blockchain Technology

Dissertation

## Course Contact

### Admissions:

admissions.donegal@atu.ie



# Computing in Cloud Technologies

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme will augment students' existing skills and knowledge to position them for a successful and rewarding career in Cloud Technologies. Successful graduates find opportunities in insurance companies, all major IT multinationals as well as any company using large data-centre based IT Systems. Roles include becoming a Cloud Architect or Engineer, a Cloud Systems Administrator or Cloud Services Developer.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Students without an Honours degree but with relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Full-time on-campus students must attend on-campus lectures. Part-time online students have no on-campus attendance requirement



### Who should apply?

This programme is suitable for holders of an Honours degree in computing or those with an appropriate mix of academic qualifications and IT experience. This course will help maintain students' self-development with a set of skills that are transferable to the broader computing industry. These skills are reinforced with a strong emphasis on teamwork and the primary aim of the course is to empower students with the necessary theoretical and hands-on skills to allow them to work and make a significant contribution in a Cloud Technologies environment.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

Virtual Server Administration  
Networking  
Hybrid Cloud Technology  
Infrastructure as Code (IaC)  
Research Project  
Storage Technologies (E)  
Security & Legal Issues (E)  
Placement (E)  
Data Centre (E)  
Operations (E)

*(E) = Elective Modules*

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Dissertation

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.donegal@atu.ie

### Student Advisor:

Tricia Fitzpatrick:

tricia.fitzpatrick@atu.ie

## Master of Science Computing

This programme provides an opportunity for graduates from computing disciplines to further develop professionally and personally, as well as enhancing their career prospects, by undertaking formal post-graduate education on a full-time or part-time basis. The programme endeavours to develop in participants advanced thinking and technical know-how in a range of interrelated and technology-centric sub-disciplines of computing.

### Key course details



#### Entry Requirements

Applications must have a minimum of a H2.2 Level 8 award in computing (software development) or a closely related discipline with a significant level of software development, e.g. computer engineering or information technology. H2.2 applicants whose primary degree does not include the development of the significant programming language competency necessary to participate successfully on the course will be required to demonstrate, through RPL or equivalent, the requisite standard before being admitted to the degree.



#### Study Hours

Full-time students: 15-20 hours / week. Part-time students: 3-5 hours / week for each module. Part-time students who are already in employment may be eligible to complete their research project at their workplace.



#### Examination & Assessment

All modules are assessed using a mixture of programming / technical assignments, written technical documentation, continuous assessment and a research dissertation / peer-reviewed journal or conference paper.



#### On-Campus Attendance

On-campus attendance is only mandatory for on-campus modules or module elements.



#### Who should apply?

Level 8 computing graduates, with good software development skills, who are interested in 12-month full-time study in on-campus / blended mode. Level 8 computing graduates, who are working in computing roles in industry, who are interested in 2+ years of part-time study in blended mode.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 or 2 years

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Research Methods /  
Research Seminar

Research Project

Advanced Database  
Technology [E]

Cloud Native Computing [E]

Computer & Network  
Forensics [E]

Cybersecurity and Secure  
Programming [E]

Embedded Systems &  
Pervasive Sensing [E]

Machine Learning [E]

Software Quality & Testing [E]

Statistical Computing [E]

Text & Sequence Analytics [E]

[E] = Elective Modules

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie



It's been well over 10 years since I was studying for my undergrad so getting back into the swing of studying was the initial challenge. The flexibility of the course helped a lot here. If you had a busy day in work or you arrived home late, it really took the pressure off knowing that all of the course material was accessible at any time. In terms of the coursework itself, the lectures were delivered live so you could ask the lecturers questions or if you missed a lecture, they were always recorded so you could watch it back at your leisure. The staff were always only an email away."

Ruairi McConville

Graduate of the Master of Science in Computing (Data Science)



# Computing (Data Science)

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

Data Science is a multi-disciplinary field that attempts to extract knowledge from structured and unstructured data. It combines techniques from mathematics, statistics, information theory, computer science and artificial intelligence with applications in a wide variety of fields. This programme combines 7 taught modules with a strong research project, where students are given the opportunity to implement their learning within a real-life context.

## Key course details



### Entry Requirements

Applicants should hold a Level 8 Honours Degree 2:2 or above. While it is expected that most applicants will have an honours degree in Computer Science or related discipline, due to the multidisciplinary nature of Data Science an Honours Degree in Engineering, Business and Science will be sufficient. However, some programming knowledge (Ideally Python or C/C++ or R) and mathematics knowledge are prerequisites to the course.



### Study Hours

Students are expected to attend 2-3 lectures each week which can range from 1-3 hours. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies.



### Examination & Assessment

This programme is assessed through a blend of continuous assessment and final exams. At Masters level, students also undertake a Research Project.



### On-Campus Attendance

No attendance required.



### Who should apply?

A qualification in Data Science skills can lead to an exciting career in an array of industries including IT, financial services, retail, and manufacturing. These roles are not confined to IT based positions but can lead to roles in business intelligence, analysts, or data warehouse consultants.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1.5 years

**Credits:** 35

**Total fees:** €3,000

Applied Statistics and Probability  
Introductory Programming for Data Science  
Applied Linear Algebra  
Data Analytics and Visualisation  
Machine Learning  
Research Methods for Data Science  
Programming for Big Data

### Master of Science

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €9,000

Data Science Research Thesis

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**  
admissions.sligo@atu.ie

**Student Advisor:**  
Niamh Doddy:  
Niamh.Doddy@atu.ie



# Connected and Autonomous Vehicles

## Award Options

- **Master of Engineering**
- **Postgraduate Diploma**

This programme, which has been developed in collaboration with industry, specialises in the design and development of Advanced Driver Assistance Systems - the underlying technology of smart and autonomous vehicles. It brings together interdisciplinary concepts such as computer vision, artificial intelligence, vehicle dynamics and advanced sensor systems to provide current engineers with the skills required to design the next generation of automotive technology.

## Key course details



### Entry Requirements

Applicants with a Level 8 Honours Degree 2.1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.



### Study Hours

It is recommended that students should try to allow for 5-6 hours per week per five-credit module to their studies.



### Examination & Assessment

A mix of continuous assessment, laboratory exercise and exams.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme is suitable for those looking to up-skill or re-skill into the Connected and Autonomous Vehicle profession.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €7,200

Applied Linear Algebra  
 ADAS and Autonomous System Architecture  
 Environment Detection  
 Multiple View Geometry in Computer Vision  
 Automotive System Safety & Cybersecurity  
 Applied Statistics and Probability  
 Research Methods  
 Machine Learning  
 Vehicle Dynamics and Control  
 Modelling, Simulation and Test Methods for Advanced Driver Assistance Systems  
 Connected Vehicles  
 Sensor Fusion

### Master of Engineering

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €10,800

MEng CAV Research Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Niamh Doddy:

Niamh.Doddy@atu.ie

# Computing in Cybersecurity

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This is a three block programme followed by a dissertation. Developed in collaboration with the IT industry, following graduation students will be perfectly positioned to make the most of their future career opportunities in cybersecurity. At the heart of the course is a focus on a range of topics applicable to Cybersecurity, Software Compliance, Threat Management and Information security Management. This is followed by a dissertation where students can apply their learning to demonstrate an extended knowledge and ability in that area.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Students without an Honours degree but with relevant experience may also be eligible to apply via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

The majority of modules are assessed via 100% continuous assessment. One module is assessed via 50% coursework and 50% final exam.



### On-Campus Attendance

Full-time on campus students are required to attend on-campus lectures. Part-time online students have no on-campus attendance required.



### Who should apply?

This programme is suitable for individuals who have a strong interest in information security, computer networks, and protecting digital systems and data from cyber threats.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

Secure Infrastructure  
 Cryptography & Forensic Analysis  
 Software Compliance (E)  
 Information Security Management 1 (E)  
 Web Application Security and Software Standards (E)  
 Information and Security Management 2 (E)  
 Threat Management 1 (E)  
 Threat Management 2 (E)

*(E) = Elective Modules*

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Dissertation

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.donegal@atu.ie

### Student Advisor:

Tricia Fitzpatrick:

tricia.fitzpatrick@atu.ie

# Cybersecurity Operations

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

The objective of this programme is to educate IT practitioners in responding to cyber-attack incidents. It examines the tools to identify threat actors. Models and frameworks are followed to manage the response. Data analytics can use tools such as machine learning to identify anomalies in organisational IT traffic.

## Key course details



### Entry Requirements

Applicants require a Level 8 qualification in an IT related discipline.



### Study Hours

Students can expect 11 weekly contact hours on average. In Year 1, students undertake 3 modules of live and recorded lectures, tutorials and self guided study. Research Methods is self guided requiring approximately 4 hours per week. In Year 2, students undertake a self-guided and supervised Dissertation.



### Examination & Assessment

Assessment in each module will be on the basis of 100% continuous assessment. This may include projects; e-portfolios; reflections; lab based practicals; group assignments; team work; presentations; problem based tasks; book and academic article reviews; academic essays (incorporating a literature review and a 17.500- word formal dissertation); individual and group case study assignments; formal poster presentations; a formal interview examination; peer review; self assessment and/ or mid-session practical examinations.



### On-Campus Attendance

Module content is delivered online with synchronous and asynchronous lectures. There is no mandatory requirement for on-campus attendance. There is an optional 1-day per term on-campus tutorial session providing opportunity to meet and network with class colleagues and lecturers.



### Who should apply?

This programme is aimed at IT professionals seeking to upskill/reskill in the domain of cybersecurity.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Incident Detection and Response  
Programming for Cybersecurity  
Security Operations

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Research Methods and Critical Analysis  
Dissertation/ Applied Research Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

## Master of Science Cyberpsychology

This programme offers a deep understanding of the intersection between psychology and technology. It builds on the knowledge and skills gained from undergraduate degrees and provides students with the opportunity to develop their expertise further in this growing field. Students will learn how digital technologies impact human behaviour and interactions online, and how they can be used to enhance well-being, communication, and learning.

### Key course details



#### Entry Requirements

An Honours Degree with first or second-class honours or an equivalent qualification. Applicants should have exposure to computing, design, social sciences or psychology.



#### Study Hours

Students can expect 8 hours of lectures per week, and should allow for 15-20 hours of independent study per week.



#### Examination & Assessment

100% continuous assessment.



#### On-Campus Attendance

Full time attendance is required.



#### Who should apply?

This programme will be of particular interest to students who wish to develop psychological insights into human interactions with digital technologies, and to learn to apply this knowledge in a wide variety of sectors that deal with the human computer interface point. They will become part of increasingly multi skilled teams that design deliver and regulate all manner of software and hardware solutions for humans. We will equip our graduates to be able to work effectively in contemporary workflow settings.

## On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 or 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Cyber Ethics  
Human Computer Interaction  
Artificial Intelligence and Ethical Responsibility  
UX Design  
Social Cyberpsychology  
Behaviour Across the Cyber  
Lifespan  
Dissertation

### Course Contacts

#### Admissions:

admissions.donegal@atu.ie

## Master of Science Data Science

This conversion programme is designed for individuals who do not have a strong background in data science or related fields but want to transition into a career in data science or related areas.

### Key course details



#### Entry Requirements

Applicants require an Honours degree with first or second-class honours or an equivalent qualification. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



#### Study Hours

Applicants can expect to allow between 10 and 20 hours for study per week.



#### Examination & Assessment

The majority of modules are assessed via 100% continuous assessment. Two modules are assessed via 50% coursework and 50% final exam.



#### On-Campus Attendance

Full-time attendance required.



#### Who should apply?

This programme will be of particular interest to graduates from a wide range of non-computing disciplines who wish to become data scientists.

## Blended

**Level:** 9

**Credits:** 90

**Duration:** 1 or 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Descriptive Analytics and Visualisation  
Data Operations and Management  
Computational Mathematics  
Machine Learning  
Predictive Analytics  
Deep Learning  
Dissertation

### Course Contacts

#### Admissions:

admissions.donegal@atu.ie

# Computing in DevOps

## Award Options

- **Master of Science**
- **Postgraduate Diploma (Computing in DevOps)**

DevOps is the practice of operations and development engineers participating together in the entire service lifestyle, from design through development process to production. DevOps is characterised by operations staff harnessing the same techniques as developers for their systems work. Topics the course covers include: DevOps Software Engineering, Project Management and Deployment Pipelines.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Students without an Honours degree with relevant experience may also be eligible to apply via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Full-time on campus students must attend on-campus lectures. Part-time online students have no on-campus attendance requirement.



### Who should apply?

This programme is suitable for individuals who have a strong interest in software development, IT operations, and continuous integration and deployment processes, and who want to develop advanced skills in these areas to pursue a career in DevOps or related fields.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

DevOps Software Engineering  
IaC for DevOps Pipelines  
Placement [E]  
Disruptive DevOps  
DevOps Project Management  
Research Project [E]

[E] = Elective Modules

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Dissertation

Online/On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online or On-Campus

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.donegal@atu.ie

### Student Advisor:

Tricia Fitzpatrick:

tricia.fitzpatrick@atu.ie

Master of Science

# Healthcare Innovation and Technology

Healthcare Innovation and Technology (or Health Informatics) sits at the intersection of information science, computer science, and health care. This field deals with a wide range of tools required for the acquisition, storage, retrieval, and use of information in healthcare. Graduates of this programme will be qualified to work in hospital and healthcare systems, health informatics companies, medical research organisations, medical technology companies and private and public health organisations.

## Key course details



### Entry Requirements

Applicants require an Honours degree in Health Sciences, Allied Healthcare or Medicine with first or second-class honours or an equivalent. Candidates who do not have Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to allow between 10 and 20 hours for study per week.



### Examination & Assessment

The majority of modules are assessed via 100% continuous assessment. Two modules are assessed via 50% coursework and 50% final exam.



### On-Campus Attendance

Full-time attendance required.



### Who should apply?

This programme will provide healthcare professionals with the opportunity to develop their understanding of the field of ICT and its application to improving healthcare.

On-Campus

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

On-Campus

Campus: Letterkenny

Total fees: €6,300

Recognition of

Prior Learning ✓

ILEP Approved ✓

## What will I study?

### Modules

IT Systems for Delivery of Healthcare

Wearable Sensor Technologies

Data Analytics and Statistical Analysis

Research and Development for Healthcare Innovation

Assessing Wearable Sensor Systems

Ethics in Healthcare Research

Dissertation

## Course Contact

Admissions:

admissions.donegal@atu.ie

Master of Engineering

# Automation and Digital Manufacturing

This programme is part of a suite of programmes developed with Industry to support the transition to Industry 4.0. It is specifically designed for engineers working in the manufacturing industry who wish to upskill in the field of Automation and Digital Manufacturing. Students will take 40 credits of taught modules which will have assessments contributing to their 50 credits work-based research project.

## Key course details



### Entry Requirements

Candidates must hold Level 8 Bachelor (Hons) degree or Higher Diploma in Automation & Digital Manufacturing or a B.Eng. (Hons) in Mechatronics or cognate discipline with a minimum grade classification of H2.2 or equivalent. As the research is industry based, applicants must either have the support of their employer to conduct research or have an agreement with a company to use their facilities for the purpose of their research.



### Study Hours

In semesters 1 and 2, students attend 4 hours of online synchronous workshops per week and engage in 6 hours of asynchronous material per week. The Research Project is fully integrated in the taught modules in semesters 1 and 2 and continues as a stand-alone module in semesters 3 and 4 under the guidance of an individual supervisor.



### Examination & Assessment

The modules will be continually assessed via ongoing assignments coupled with project work.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme is suitable for automation engineers working in industry wishing to upskill to a Level 9 while working. The research project can be fully embedded in the student's day-to-day job to optimise their workload.

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Galway City, Dublin Road

Total fees: €6,300

Recognition of

Prior Learning ✓

## What will I study?

### Modules

Research Methods

System Integration

Lean Automation

Data Driven Decision Making

Research Project in Automation and Digital Manufacturing

## Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

Eileen O'Hara:

eileen.ohara@atu.ie

# Quality

This programme is designed for graduates who are currently in quality engineering or management positions who wish to expand their knowledge towards the strategic aspects of quality management and quality science. The emphasis of this programme is on developing expertise as quality management professionals, providing the tools, methods, knowledge and skills that are necessary to achieve adaptability, flexibility, creativity and innovation.

## Key course details



### Entry Requirements

Applicants must have one of the following academic qualifications. A 2nd class BSc Hons degree in Quality Management or Higher Diploma in Quality (Level 8) or equivalent. 2nd class Hons (Level 8) graduates who are currently in quality engineering/ management positions within their respective organisations. These candidates will be selected following interview.



### Study Hours

Students should expect to attend live online classes 2-3 times per week and each class lasts approximately 1-1.5 hours. It is recommended that students should allow 6 hours per week for a 5 credit module.



### Examination & Assessment

Continuous assessment involving assignment and project work will be a part of each module. A small number of modules involve 100% continuous assessment but the majority of modules will include a final examination at the end of the semester.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme designed for graduates who are currently in quality engineering or management positions and who wish to expand their knowledge, skills and expertise.

Online

**Level:** 9

**Credits:** 60

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Total fees:** €9,000

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Strategic Management

Applied Project Management

Integrated Quality

Value Stream Optimisation

Transformational Change

System Simulation

Modelling and Analysis

Advanced Experimental Design

Research Methods

Research Thesis

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

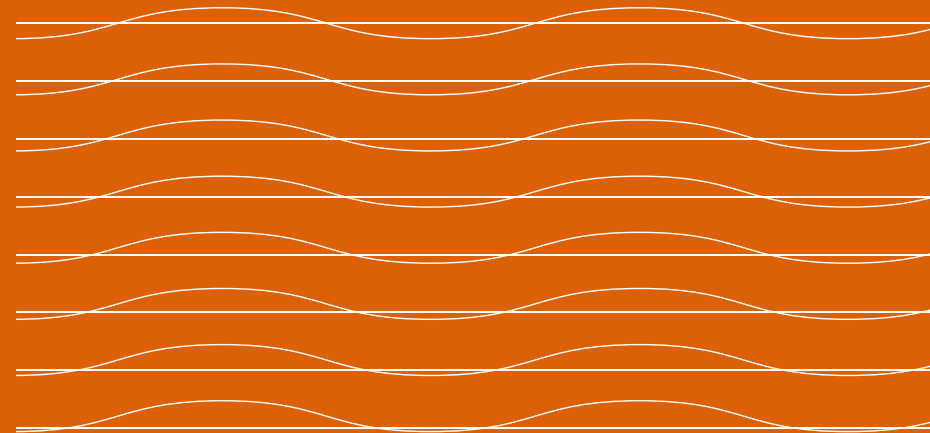
Charlotte McManus:

Charlotte.McManus@atu.ie





# Eolaíocht & Sláinte Science and Health





## Master of Science

# Applied Marine Conservation

This programme focuses on core and specialist competencies in key themes of fisheries, marine conservation, sustainability and ecosystem based management. Teaching is undertaken by research-active staff working in the field of applied marine conservation with particular interest in fisheries, marine mammals and seabirds. Participants complete a major research thesis, in collaboration with a supervisor from ATU Galway and a supervisor from an external organisation.

### Key course details



#### Entry Requirements

The minimum requirement is a 2.2 in a cognate Honours Degree, e.g. Zoology, Ecology, Marine Biology, Wildlife Management, Conservation Biology.



#### Examination & Assessment

This is an applied degree with fieldwork, practicals and 100% continuous assessment.



#### On-Campus Attendance

This is a full-time on-campus taught Masters programme.



#### Who should apply?

This programme is suitable for those seeking a career in applied marine conservation or employment in ecological consultancies, Non-Governmental Organisations and charities, research institutes/agencies or self-employment.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Galway City,  
Dublin Road

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Data Analysis Using  
R and RStudio

Applied Geographic  
Information Systems

Seabird and Marine  
Mammal Population  
Assessment Techniques

Life History Strategies  
and Trade-offs

Secondary Impacts of  
Harvest on Wild Populations  
and Ecosystems

Ecology of Top Predators  
in Marine Systems

Research Thesis

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

## Master of Science

# Conservation Behaviour

This programme focuses on how animal behaviour can be applied to wildlife conservation. This is an exciting new area of study, known as Conservation Behaviour, and is suitable for those interested in careers in animal behaviour and conservation. Students will study the behaviour of a wide range of species from marine, freshwater and terrestrial habitats, and will learn how an understanding of animal behaviour can contribute to the conservation and management of those species.

### Key course details



#### Entry Requirements

The minimum requirement is a 2.2 in a cognate Honours Degree, e.g. Animal Behaviour, Conservation Biology, Zoology, Ecology, Environmental Science etc.



#### On-Campus Attendance

This is a full-time on-campus taught Masters programme. A week-long residential field course in the west of Ireland, where the behaviour of a number of species will be studied in a natural setting.



#### Who should apply?

Individuals seeking to further their career opportunities in Ecological Consultancies, Non-Governmental Organisations and Charities, Research Institutes and Government Agencies.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 year

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Galway City,  
Dublin Road

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Studies in Conservation  
Behaviour

Data Analysis using  
R and RStudio

Residential Field Course

Applied Geographic  
Information Systems

Animal Behaviour:  
Recording and Analysis

Acoustic Monitoring as a  
Marine Conservation Tool

Research Thesis

### Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

Master of Science

# Environmental Health and Safety (EHS) Management

This programme aims to provide students with the ability to manage the Environmental, Health and Safety (EHS) affairs of organisations as well as the capabilities of developing management strategies for these areas compatible with other organisational functions.

## Key course details



### Entry Requirements

Applicants with a Level 8 Honours Degree in Science or Engineering, or in a related area, are eligible to apply. Applicants with a Level 8 Honours Degree in other areas must demonstrate appropriate experience in the EHS area.



### Study Hours

Students are expected to attend two online lectures in the evening each week. It is recommended that students should try to allow for 14 hours per week per 10 credit module for their studies. This includes lectures, directed learning, independent study and workshop/site visit activities.



### Examination & Assessment

Taught modules (10 credits) are 50% exam and 50% continuous assessment. The Dissertation (30 credits) is 100% continuous assessment.



### On-Campus Attendance

One meet-up once per semester for workshop/site visit activities.



### External Accrediting Body

Institution of Occupational Safety and Health (IOSH). Chartered Institution of Water and Environmental Management (CIWEM).



### Who should apply?

This programme may be suitable for graduates with a qualification related to environmental science or health & safety (or another relevant area) who now see the benefit of gaining a qualification which combines both these disciplines.

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Sligo

Total fees: €7,200

Recognition of Prior Learning X

## What will I study?

### Modules

Risk, Management and Technical Safety  
 Natural Resource Management & Assessment  
 Occupational Health, Hygiene and Chemical Risk Management  
 Environmental Licensing and Industrial Efficiency  
 Integrated Management Systems  
 EHS Regulation  
 EHS Dissertation

## Course Contact

### Admissions:

admissions.sligo@atu.ie



# Environmental Protection

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme offers the theory and practice of environmental protection and is designed for those who have, or who aspire to have, environmental responsibilities but who may lack sufficient formal training in the area. A broad range of environmental topics are addressed and integrated to provide current environmental management, technical and legislative skills to participants covering a range of areas including water quality and supply, ecology, geology, biology, water and waste management and sustainability. The Masters stage requires the learner to pursue research on an appropriate topic in environmental science/management, integrate research findings and articulate the key considerations of the specific investigation.

## Key course details



### Entry Requirements

Applicants require an Honours degree (Level 8) in science or engineering, or other relevant cognate area. Alternatively, applicants may hold a relevant Ordinary degree (Level 7) in science or engineering other relevant cognate area and have obtained a minimum of three years relevant post-qualification experience. Applicants must have achieved merit or greater in the 60 credit Postgraduate Diploma in Environmental Protection before progressing to the Masters.



### Study Hours

Students can expect one live lecture per week - lasting approximately 2 hours. Students typically spend 25-35 hours per week on the Dissertation Module. This includes meetings with supervisors, academic research, experimentation/field studies (if applicable), writing and workshop activities.



### Examination & Assessment

At Postgraduate Diploma level, some modules are assessed via 100% continuous assessment and others are assessed via 50% continuous assessment and 50% final exam. At Masters level, 100% continuous assessment comprising final dissertation document, oral presentations, written reports and ongoing assessment by supervisor.



### External Accrediting Body

Accredited by The Chartered Institution of Water and Environmental Management (CIWEM). All students on the course are eligible to become a student member of this professional body.



### On-Campus Attendance

At Postgraduate Diploma level, there is one (occasionally two) workshop per subject. The workshops take place on a Friday or Saturday. At Masters level, students may be required to present their progress to peers and supervisors in on-campus workshops (max 2).



### Who should apply?

Past participants have come from areas such as industry, services, regulators (EPA, local authority, Uisce Éireann, IFI, EHOs, etc), semi-state bodies, education, consultants, NGOs and individuals who have a keen interest in the environment.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €4,800

Waste Management and Resource Efficiency  
Energy Systems and Management  
Environmental Management  
Water Resource Management  
Air and Noise Management  
Environmental Systems

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €7,200

Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie

Master of Science

# International Marine Biological Resources (IMBRSea)

This is a joint programme organised by eleven leading European universities in the field of marine sciences. IMBRSea covers a wide range of subjects related to the sustainable use of marine biological resources. With an emphasis on marine biological and ecological processes, the programme links biology of marine organisms and environmental studies with subjects in marine policy and planning. Students get the opportunity to participate in a 10-day field research project during the IMBRSea Joint School. Students also present their thesis at an international open symposium.

## Key course details



### Entry Requirements

Applicants require a Bachelors (or Masters) degree in biology, ecology, environmental sciences, oceanography, marine sciences, geography, geology, veterinary medicine or other equivalent degrees with a minimum of 180 credits (3 years).



### On-Campus Attendance

This is a full-time on-campus taught Masters programme. Students have a unique opportunity to study at a choice of eleven European universities and receive one joint degree, while gaining access to Europe's top marine research institutes.

On-Campus

**Level:** 9

**Credits:** 120

**Duration:** 2 years

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

On-Campus

**Campus:** Galway City,

Dublin Road

**Total fees:** €9,000

**Recognition of Prior Learning** ✕

## What will I study?

### Modules

Oceanography

Marine Ecology

Quantitative Methods in Marine Science

Marine Policy and Governance

Marine Genomics

Marine GIS and Spatial Planning

Stakeholder Engagement

Animal Behaviour: Recording and Analysis

Acoustic Monitoring as a Marine Conservation Tool

## Course Contacts

### Course Coordinator:

Dr. Ian O'Connor:  
ian.OConnor@atu.ie

### Coordination Office:

info@imbrsea.eu

### Programme Webpage:

www.imbrsea.eu



# Water Services Management

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme has been developed in collaboration with Irish Water and the Local Authority Services National Training Group (LASNTG) to address the increasing and demanding needs of professionals in the water and wastewater sectors.

## Key course details



### Entry Requirements

Applicants require a 2nd Class Honours (2.2) Level 8 degree in Engineering, Science or cognate professional area or equivalent.



### Study Hours

Students typically allow 3-5 hours per week per 5 credit module. There are 3 x 5 credit Modules delivered each semester in Years 1 and 2. Students typically allow 25-35 hours per week for the Dissertation Module in Year 3.



### Examination & Assessment

Assessment is a combination of continuous assessment and final exams.



### External Accrediting Body

Accredited by The Chartered Institution of Water and Environmental Management (CIWEM).



### On-Campus Attendance

Two one day workshops (normally held on a Friday) will take place each semester. Typically, one workshop will be held at ATU Sligo and the second may be located at another regional facility. Attendance at the workshops will be expected for all students.



### Who should apply?

Individuals employed or seeking employment within the public/private water/wastewater sector.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €4,400\*\*

Project Planning  
Transformational Change  
Environmental Policy, Planning and Environmental Impact Assessment  
Environmental Legislation  
Project Implementation  
Business Management and Entrepreneurship

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €8,796\*\*

Contracts and Procurement  
Integrated Management Systems  
Data Analysis and Information Management  
Strategic Management  
Innovative Treatment Processes & Technologies  
Asset Management and Resilience

### Master of Science

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €11,000\*\*

Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

Master of Science

# Applied Sport and Exercise Nutrition

This programme is designed to provide students with a sound grounding in the scientific method in the context of sport and exercise nutrition. Key areas of study include physiology, nutrition and metabolism with a focus on practical application of sport and exercise nutrition.

## Key course details



### Entry Requirements

The entry requirement for undertaking the programme is an Honours degree (H2.2) in any science or related health discipline. It is a requirement that all students for this programme are Garda vetted on commencement of their studies. Applicants may use Recognition of Prior Learning (RPL) as a means of accessing the programme. RPL can also be used to gain exemptions.



### Study Hours

10 hours of online lectures per week in Semester 1 as well as lab days on campus and significant self-directed study. There are less online lectures (~4 hours) in Semester 2 as students are required to carry out a placement during this time.



### Examination & Assessment

This programme is 100% continuous assessment. The assessment involves practical lab exams, reflective activities, essays and literature reviews, presentations, case studies, placement, lab reports and an independent research project.



### On-Campus Attendance

The number of contact days on this programme vary in each semester. Semester 1 has 7 contact days, Semester 2 has 6 contact days, and the requirement for contact days at ATU Galway City in semester 3 will vary depending on the individual independent research project.



### External Accrediting Body

Pending Sport and Exercise Nutrition register (SENr) accreditation.



### Who should apply?

This award gives students that have previously completed science or health-based undergraduate degrees the opportunity to specialise in Sport and Exercise Nutrition.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 18 months

**Study Mode:**
**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of  
Prior Learning** ✓

**ILEP Approved** ✓

## What will I study?

### Modules

Sports & Exercise Nutrition  
Research in Practice 1Advanced Sports &  
Exercise Nutrition

Human Nutrition

Sports &amp; Exercise Physiology

Sports & Exercise Nutrition  
Research in Practice 2  
(Placement module)Laboratory Techniques in  
Sports & Exercise Nutrition

Research Methods

Research project

## Course Contact

### Admissions:

learn.galwaymayo@atu.ie



My current role is performance nutrition support to Irish Women's XVs rugby team and development of sports nutrition support services to underage female rugby players in pathway.

Studying online with ATU ensured that I was suitably qualified and prepared for the positions I was applying for. The applied elements of my course in particular were extremely helpful in preparing me for my past and current roles as a practitioner. In addition, I found the staff extremely helpful in terms of advice & support when I was applying for roles.

Emma Brennan

Graduate of the Master of Science  
in Applied Sport & Exercise Nutrition

# Food and Nutritional Product Development

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme addresses the needs of workers in the Food Industry who are keen to expand their understanding and effectiveness in developing nutritional food products, gaining skills to be at the forefront of food innovation. With the increasingly fast paced and globalised nature of the Food Industry, employers require staff that are knowledgeable, skilled and confident in the area of product development. The programme provides students with the necessary tools to not only understand the practices employed during successful food product development, but also gives students the confidence to apply these in an industrial setting, to further the success of the Food Industry.

## Key course details



### Entry Requirements

An Honours degree (Level 8), with evidence of a 2:2, or higher, in any of the following areas: Life Sciences, Food Science, Human Nutrition, Sports Science, Chemistry, Chemical Engineering, Home Economics or Recognition of Prior Learning (RPL) in a cognate discipline of study.



### Study Hours

In Year 1, students can expect 5-6 hours of live lectures; 2-2.5 hours of workshops/practicals and 12 hours independent learning per week. In Year 2, students can expect 1 hour live lectures per week with 12 hours independent study.



### Examination & Assessment

All modules are 100% continuous assessment. A range of assessment methods are utilised such as MCQs (Multi Choice Questions), case studies, reports, mini projects, oral presentations, vivas, and problem-based learning.



### On-Campus Attendance

Lectures are delivered online, with on-campus attendance for practical classes during one designated week in Semester 2; on-campus workshops during one designated week in Semester 1 and 2. Access to onsite laboratories may be possible for research project on agreement with supervisors.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Nutrition Through the Life Stages  
Food Safety Quality and Legislation  
Food Chemistry and Analysis [E]  
Current and Emerging Trends in Food Technology [E]  
Food Business, Innovation and Entrepreneurship  
Food Product Development

[E] = Elective Module.

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Research Methods  
Food and Nutritional Product Development Research Project

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: Mary.tully@atu.ie

Master of Science

# Digital Innovation for Sport

Digital innovation is being rapidly embraced by Ireland's sporting organisations to manage membership, competitions, performance, facilities, ticketing, broadcast, marketing and many more functions. This programme has been designed to address the digital innovation and digital transformation needs of the sports sector providing graduates with high-level ICT skills, particularly in AI and analytics.

## Key course details



### Entry Requirements

Applicants require a Level 8 Bachelor (Hons) degree H2.2 or equivalent. Applicants also have the option to apply using Recognition of Prior Learning according to ATU policy.



### Study Hours

There are up to 13 hours of online lectures / workshops per week in semesters 1 and 2, and a lot of self-directed activity such as reading and coursework. Lectures are generally delivered in 2 day blocks (Wed / Thurs) in the afternoon and evening.



### Examination & Assessment

Assessment can include, but are not limited to: Data analysis and visualisation; Reflective activities; Essays and literature reviews; Interactive presentations to peers and industry partners; Case studies; Written reports and strategy proposals; And an independent research project.



### On-Campus Attendance

Full time students are required to attend up to 4 days per semester in person. These are designed for team building, peer and industry networking and to take students to key Irish sporting infrastructure. Where possible these will be scheduled on Thursdays and Fridays.



### Who should apply?

This programme is aimed at sports, technology and business graduates who wish to pursue a career in sport and professionals already working in the sport and SportsTech sectors.

Online

**Level:** 9

**Credits:** 90

**Duration:** 1.5 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €7,200

Members of the Gaelic Players Association (GPA) may be eligible for a full scholarship

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Mandatory Module Pairs:

Data Analytics for Sport Intelligence & Analytics and AI for Sport

Digital Transformation for Sport & Leading Digital Transformation

Digital Innovation for Sport & Research Methods

*For the full list of Elective Module Pairs, refer to the programme webpage*

## Course Contact

**Admissions:**
[learn.galwaymayo@atu.ie](mailto:learn.galwaymayo@atu.ie)

Master of Science

# Food Innovation

This programme enables students to gain extensive and relevant scientific and operational management knowledge to lead or advance them in a career in the food industry. Students will gain the ability to integrate scientific knowledge with a thorough understanding of food innovation, quality and safety and employ an innovative approach to product research and development. The focus of this programme is in the areas of innovation management; applied food science; physical and sensory analysis; food safety management; food processing and biotechnology; quality and innovation, research and development.

## Key course details



### Entry Requirements

All applicants must have a minimum of a H2.2 in a Level 8 degree in a relevant discipline. Applicants may be called for interview.



### Study Hours

20 hours of total student effort is recommended per credit. Total student effort comprises contact hours, tutor directed study and independent study.



### Examination & Assessment

A range of strategies will be used to assess theory and practice components of the programme.



### On-Campus Attendance

Year 1: Online lectures one day per month (September-May). Two-day block on-campus for induction/practical labs (early September). One three-day block of on-campus practical labs in Semester 2. Year 2: Online / self-directed research-based study (September-May).



### Who should apply?

This programme meets the needs of graduates who have an interest in all aspects of the food industry, including food innovation; food safety management; processing and biotechnology; physical and sensory analysis.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Total fees:** €7,200

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Applied Food Science

Food Processing and Biotechnology

Physical and Sensory Analysis

Food Safety Management Systems

Innovation Management

Research Design

Research Project

## Course Contact

**Admissions:**
[admissions.stangelas@atu.ie](mailto:admissions.stangelas@atu.ie)



# Food Regulatory Affairs

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

An increasingly complex regulatory environment, along with Brexit and potential regulatory divergence between EU and UK led Food Drink Ireland Skillnet to partner with the Regulatory Affairs in Food Drink Ireland/IBEC and ATU Sligo to develop this programme. The programme is part of a suite of programmes developed to respond to the Food and Drink industries' needs while also being compliant with new policy and regulations in the area of Food and Drink Regulatory Affairs. At the end of the programme, graduates will have a thorough understanding of the theory and best practice relating to Food and Drink sector regulatory structures and procedures and will be able to apply independent thinking and research skills in workplace decisions regarding relevant food and drink regulatory frameworks.

## Key course details



### Entry Requirements

A Level 8 Degree or Level 9 in other areas with sufficient work experience as assessed by ATU. Applicants with other qualifications and with relevant work experience may also be considered through ATU Sligo's Recognition Prior Learning (RPL) process.



### Study Hours

Students can expect to allow for 7 hours per week, consisting of 2 hours evening lectures and 5 hours independent learning and project work.



### Examination & Assessment

100% continuous assessment for each module.



### On-Campus Attendance

Predominantly live online lectures, supported by face-to-face seminars and self-directed learning.



### Who should apply?

This programme is suitable for those employed in the Food and Drink sector, working in technical areas such as quality, food safety, regulatory affairs or R&D, who need to be able to interpret regulations and understand their implications to their business. Participants may have a variety of backgrounds, including food science, food engineering, home economics, and microbiology, however, may have not had any formal training in food regulations.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,250\*\*

\*Food and Drink Ireland Skillnet member rate - €2250

Framework of Food Regulations  
Food Processing Regulations  
Claims and Labelling - Food to Market  
Supply Chain Integrity  
Professional Development in Food Regulatory Affairs

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €7,000\*\*

\*Food and Drink Ireland Skillnet member rate - €4500

Research Methods in Food Regulatory Affairs and Sustainable Food Systems  
Sustainable Food Systems and Regulatory Interactions  
Managing Trends and Divergence in Regulatory Affairs  
Current and Future Issues Impacting Food Legislation

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €9,900\*\*

\*Food and Drink Ireland Skillnet member rate - €6650

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

Master of Science

# Nutrition and Food Sensory Science

This programme focuses on the role of nutrition, sensory and taste science in human health and food product development. The programme is designed to provide students with evidence-based practice, and a firm grounding in the scientific method in the context of nutrition, sensory and taste science. The course is based on the latest scientific research into current sensory science techniques, functional foods, nutrition and health and taste science and best novel contemporary practice.

## Key course details



### Entry Requirements

Candidates must hold a cognate Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent. Typically, students should come from a scientific background though applications that demonstrate appropriate experiential learning will also be considered.



### Study Hours

10 hours of online lectures per week in Semester 1 as well as lab days on campus and significant self-directed study. There are less online lectures (<4 hours) in Semester 2 as students are required to carry out a placement during this time.



### Examination & Assessment

The majority of modules on this programme use various types of continuous assessment as the primary assessment strategy.



### On-Campus Attendance

Lectures will be delivered in an online environment. Seminars, practical exercises, intensive group activities will require on-campus attendance.



### Who should apply?

This Masters programme is suitable for those with an interest in nutrition, sensory and taste science in human health and food product development. It is aimed at graduates who have already developed a real interest in science and food, and are aiming to build on their knowledge, to improve their practical knowledge, and sensory skills in this burgeoning area of study.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 18 months

**Study Mode:**
**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## What will I study?

### Modules

Principles of Food and Nutritional Science

Consumer and Trained Panel Sensory Science

Sensory Techniques for Nutrition Research

Food Packaging and Marketing for Product Development

Statistics for Sensory Science

Research Methods

Research Project 1

Research Project 2

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

Master of Science

# Public Health Nutrition

This programme aims to support the development of knowledge, skills and competencies, specific to the practice of Public Health Nutrition. In addition, leadership styles, strategies, capabilities and competencies will be examined, placing the graduate in a position to lead teams and to advocate for change within the area. Learners will also undertake and engage with a research project.

## Key course details



### Entry Requirements

Applicants with a 2.2 Honours award in a relevant discipline may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL) if they have considerable relevant experience in the area.



### Study Hours

Live lecturers are typically between 6-10pm Monday to Thursday, most classes are 1-2 hours in duration. Semester 1 is delivered over 3 evenings; Semester 2 is delivered over 2 evenings; and Semesters 3 and 4 are delivered on 1 evening per week. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies.



### Examination & Assessment

Learners will be assessed through a variety of assessment methods e.g. critical review, report, presentation, online quizzes and discussion forums.



### On-Campus Attendance

No attendance required.



### Who should apply?

This award is suitable for those seeking a career in public health, health promotion, government agencies, community health centres, NGO's, the food industry and within national nutrition research groups.

Online

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Public Health Nutrition

Nutrition Assessment Methods

Nutrition Research Methodologies

Statistical Analysis for Nutritional Research

Public Health Nutrition Interventions

Leadership in Public Health Nutrition

Nutritional Epidemiology

Food and Nutrition Policy

Public Health Nutrition Thesis

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Mary Tully: Mary.Tully@atu.ie

Master of Science

# Sport and Clinical Biomechanics

Biomechanics describes the analysis of human movement using the science of mechanics and provides practitioners in exercise and healthcare with tools to analyse, monitor and improve body movement and function. This programme will focus on the role of biomechanics and movement analysis for the performance and maintenance of health, injury prevention and rehabilitation in athletic and clinical populations.

## Key course details



### Entry Requirements

Candidates must hold a cognate Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent. Typically, students will come from a scientific background however candidates with relevant experiential learning will also be considered.



### Study Hours

Students can expect 7 online contact hours per week in addition to the mandatory practical sessions two days per month. Students are expected to spend an additional 16-20 hours per week on self-guided study.



### Examination & Assessment

All modules use continuous assessments with regular submission deadlines throughout each semester.



### On-Campus Attendance

Mandatory practical sessions 2 days per month.



### Who should apply?

The programme is aimed at graduates working in sport science, fitness and healthcare professions who have already developed an interest in biomechanics and are interested in improving their practical biomechanics knowledge and its application in athletic and clinical populations.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 18 months

**Study Mode:**
**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## What will I study?

### Modules

Foundations of Human Movement

Clinical Biomechanics

Applied Sports Biomechanics

Applied Sport Technology

Research Methods

Research Project 1

Research Project 2

## Course Contact

### Admissions:

learn.galwaymayo@atu.ie



Master of Science

# Sports Performance Practice

This programme develops expert knowledge across scientific and technical disciplines, alongside the professional skills and competencies that underpin a successful career in sports performance. The course aims to provide learners with a broad knowledge of the science of sports performance practice and an expert knowledge in specialist areas of the science of sport performance, such as exercise physiology, sports nutrition, strength and conditioning and performance analysis.

## Key course details



### Entry Requirements

Applicants require a Level 8 Honours degree, or an equivalent qualification, in a sport-related discipline. Non-sport degree graduates who have significant work experience in a related sport industry may also apply.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Mandatory attendance at a two day block, five times in the year.



### Who should apply?

This programme is suitable for coaches, sport scientists, practitioners and teachers looking to pursue or develop their career in sports performance, strength and conditioning, exercise physiology, performance analysis, research, education, coaching or other science-based professions.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 1 or 2 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Total fees:** €7,200

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Sports Nutrition  
 Physiology of Sport & Exercise  
 Research Methods  
 Data Analytics  
 Strength & Conditioning  
 Sports Performance Analysis  
 Professional Practice  
 Dissertation or Work Based Learning Research Project

## Course Contact

### Admissions:

[admissions.donegal@atu.ie](mailto:admissions.donegal@atu.ie)


I work in a local gym, working on sport performance, personal training, coaching classes, coaching teams. The reason I done this course was basically to elevate my own educational knowledge, to get significant recognition within the field and to open more doors for me professionally down the line in my career path!"

Gary Wilson

Graduate of the Master of Science in Sports Performance Practice



# Sports and Exercise Nutrition

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

The aim of this programme is to produce sports nutritionists who are strongly focused on the science behind the subject, and who also have experience of the practicalities of delivering the latest evidence-based guidance to individuals and teams who are looking to maximise the sports performance benefits of nutrition to complement their training programmes. Nutrition plays a key role in an athlete's training and preparation for competition and a significant number of sports now recognise the integral role that nutrition plays in achieving success.

## Key course details



### Entry Requirements

Applicants with a 2.2 Honours award in a relevant discipline (Nutrition, Dietetics, Sport Science, Health, Public Health, Allied Health or a cognate area as deemed suitable by the programme committee) may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).



### Study Hours

It is recommended that students should allow for 5-6 hours per week per 5 credit module. Students will attend 2-3 hours of live lectures per week. The rest of the study time consists of independent learning and carrying out assignments.



### Examination & Assessment

This programme is assessed by 100% continuous assessment.



### On-Campus Attendance

No on-campus attendance required.



### External Accrediting Body

Developed to fulfil requirements for Sports and Exercise Nutrition Register (SENr) accreditation. Students have the opportunity to fulfil the initial requirements for Association for Nutrition (AfN) Accreditation as an Associate/Registered Nutritionist.



### Who should apply?

This course is suited to exercise professionals wishing to complement their exercise practice with applied nutrition skills, as well as those interested in using exercise nutrition to improve the health of the general public.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1.5 years

**Credits:** 60

**Total fees:** €4,200

Nutrition, Health and Fitness Assessment  
 Exercise Physiology & Metabolism [E]  
 Essentials in Human Nutrition [E]  
 Human Nutrition and Exercise Physiology and Metabolism [E]  
 Nutrition and Performance  
 Professional Skills for Sports Nutritionists  
 Advanced Performance Nutrition  
 Research Methods for Sports Nutrition  
 Statistical Analysis for Nutritional Research

[E] = Elective Module. Modules subject to availability

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €6,300

Sports and Exercise Nutrition Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Mary Tully: Mary.Tully@atu.ie

## Master of Science

# Strength and Conditioning

This programme is designed to provide students with an evidence-based understanding of the scientific method in the context of strength and conditioning. Key areas of study include physiology, coaching, psychology, nutrition and metabolism with a focus on the practical application of strength and conditioning.

### Key course details



#### Entry Requirements

Students must have a minimum of a 2.2 in an Honours degree in any science or related health-discipline. Students with Recognised Prior Learning (RPL) may also be considered for entry, however, applicants may be required to complete prerequisite assessments prior to acceptance.



#### Study Hours

10 hours of online lectures per week in Semester 1 as well as lab days on campus and at least 25 hours per week engaging in self-directed learning.



#### Examination & Assessment

Examinations and assessments vary per module. There are some written exams, the majority of assessments are practical lab-based assessments.



#### On-Campus Attendance

The number of contact days on this programme vary in each semester. Semester 1 generally has 7 contact days, Semester 2 generally has 5 contact days, and the requirement for contact days at ATU Galway City in semester 3 will vary depending on the individual independent research project.



#### External Accrediting Body

National Strength & Conditioning Association (NSCA) Education Recognised Program (ERP 2020-2023).



#### Who should apply?

This programme is suitable for those seeking to develop their knowledge of sport and exercise science and to increase their skills in applying such knowledge in a sport and exercise setting. In the past decade, there has been a marked growth in the career opportunities available for sport and exercise scientists, S&C coaches and individuals who are multi-disciplined in health, fitness and well-being.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 18 months

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

### What will I study?

#### Modules

Strength & Conditioning Science and Application

Psychology - Coaching and Motivation

Applied Sport Technology

Strength and Conditioning Theory and Practice

Exercise Physiology, Nutrition and Human Performance

Research Methods

Research Project

### Course Contact

#### Admissions:

learn.galwaymayo@atu.ie



# Sustainable Food Systems

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme enables graduates to gain a thorough understanding of policies, best practices, sustainable tools and theories that shape the world of food sustainability systems. Students get the opportunity to apply systems thinking approaches to critically and creatively evaluate the complexity of food systems and identify current and future challenges that may arise when adopting a sustainable system. At Masters level, students pursue research on an appropriate topic in sustainable food systems, develop a research question or test a hypothesis, apply the appropriate research methodology, integrate research findings, and articulate the key considerations of the specific investigation.

## Key course details



### Entry Requirements

A Level 8 Degree or Level 9 in other areas with sufficient work experience as assessed by ATU. Applicants with other qualifications and relevant work experience may also be considered through ATU's Recognition of Prior Learning (RPL) process.



### Study Hours

Students should allow 7 hours per week, consisting of 2 hours online evening lectures and 5 hours independent learning and project work.



### Examination & Assessment

Emphasis on practical application. 100% continuous assessment for each module.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

Those who work in the food and drink industry with full or increased levels of responsibility in sustainability within their businesses.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,500\*\*

\*Food and Drink Ireland Skillnet member rate - €2,250

Introduction to Sustainability  
Systems Thinking  
Sustainable Production  
Sustainability Across the Supply Chain

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €7,000\*\*

\*Food Drink Ireland Skillnet Member Rate - €4,500

Sustainable Food Systems and Regulatory Interactions  
Research Methods in Food Regulatory Affairs and Sustainable Food Systems  
Sustainability and International Markets  
Professional Development in Sustainable Food Systems

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €9,900\*\*

\*Food and Drink Ireland Skillnet member rate - €6,650

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.sligo@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme is run in conjunction with NIBRT. The programmes seek to enhance graduate employability by building in elements of case studies, group work, simulated problem solving, examples in context, and use of guest lecturers where feasible and appropriate. Modules such as Biocontamination, Cell Processing and Research methods enhance employability, as they are very transferable across sectors and do not limit students to specific roles. Key learning opportunities for students will be to apply their knowledge gained through the course to real workplace problems in real time, thus enhancing their skills and employability.

## Key course details



### Entry Requirements

The programme is open to students who have completed a minimum of a 2.2 Honours Level 8 degree in a Science or Engineering subject related to the life sciences. Other candidates with alternative honours degrees and experience in the ATMP industry may apply for consideration (typically 5 years duration in a GMP environment). The entry requirements will encompass Recognition of Prior Learning (RPL) in other third level institutions, in accordance with ATU procedures.



### Study Hours

Students can expect to attend 3 online lectures per week and allocate some additional time for independent learning - usually around 5 hours per module.



### Examination & Assessment

The assessment approach for this module will be 100% continuous assessment with a range of assessment methods employed including some of the following: shortform assessment exams incl. MCQs, project assignments, essays, enquiry based learning, oral presentations, vivas etc.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

This programme is aimed at manufacturing, quality, engineering and regulatory personnel who are looking to increase their understanding and application of ATMP technologies. It will provide a postgraduate qualification in the area of ATMP manufacturing that will form both an introduction for new or proposed entrants to the area and additional skills and knowledge to those working in the area. This course will give them the opportunity to move upwards to leadership roles.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €6,000\*\*

Introduction to Advanced Therapy Medicinal Products  
Molecular Engineering  
Cell Processing 1  
Biocontamination Monitoring & Control in ATMP Manufacturing  
Cell processing 2 with QC Analytical techniques  
EU Qualified Person (QP) Certification of ATMPs [E]  
Research Methods Biopharma [E]

[E] = Elective Module.

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €8,496\*\*

ATMP Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: Mary.Tully@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.



# Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme is run in conjunction with NIBRT. This programme aims to provide scientists and engineers with a comprehensive grounding in critical aspects of ATMP cell therapy and vector manufacturing and quality control / quality affairs. The programme will allow participants to develop the competencies and key skills to be employed in technical, quality and manufacturing roles within the growing ATMP industry. By participating in the programme, students will develop an understanding of the facts, concepts, principles, theories and methods associated with cell therapy and vector manufacturing in the context of the ATMP industry.

## Key course details



### Entry Requirements

The programme is open to students who have completed a minimum of a 2.2 Honours Level 8 degree in a Science or Engineering subject related to the life sciences. Other candidates with alternative honours degrees and experience in the ATMP industry may apply for consideration (typically 5 years duration in a GMP environment). The entry requirements will encompass Recognition of Prior Learning (RPL) in other third level institutions, in accordance with ATU procedures.



### Study Hours

Students will attend 3 online lectures per week and make additional time for independent learning. Usually this is around 5 hours per module.



### Examination & Assessment

The assessment approach for this module will be 100% continuous assessment with a range of assessment methods employed including some of the following: shortform assessment exams incl. MCQs, project assignments, essays, enquiry based learning, oral presentations, vivas etc.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

This programme is aimed at manufacturing, quality, engineering and regulatory personnel who are looking to increase their understanding and application of ATMP technologies. It will provide a postgraduate qualification in the area of ATMP manufacturing that will form both an introduction for new or proposed entrants to the area and additional skills and knowledge to those working in the area. This course will give them the opportunity to move upwards to leadership roles.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €9,996\*\*

Introduction to Advanced Therapy Medicinal Products  
Molecular Engineering  
Cell Processing 1  
Biocontamination Monitoring & Control in ATMP Manufacturing  
Cell processing 2 with QC Analytical techniques  
EU Qualified Person (QP) Certification of ATMP's  
Nucleic Acid Therapies  
Operations Excellence and Risk Management  
ATMP Quality Systems and Regulatory Affairs  
Viral and Non Viral vector Production Systems  
Delivery Systems and Tissue Engineering Products  
Research Methods Biopharma

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €12,000\*\*

ATMP Thesis

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: Mary.Tully@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Advanced Therapy Medicinal Products (ATMP) Vector Manufacturing

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme aims to provide knowledge in vector and tissue engineering product biology and manufacturing techniques, and provide an overview of operations management, quality systems and regulatory affairs and research methods that will enable students to undertake and complete an independent in-depth study on a topic relevant to ATMP vector manufacturing in the form of a thesis. The programme aims to enable scientists/engineers gain expertise in critical aspects of ATMP vector manufacturing and quality control / quality affairs and apply these learnings to work based problems.

## Key course details



### Entry Requirements

The programme is open to students who have completed a minimum of a 2.2 Honours Level 8 degree in a Science or Engineering subject related to the life sciences. Other candidates with alternative honours degrees and experience in the ATMP industry may apply for consideration (typically 5 years duration in a GMP environment). The entry requirements will encompass Recognition of Prior Learning (RPL) in other third level institutions, in accordance with ATU procedures.



### Study Hours

Students should expect to allocate 5 hours on average per week per 5-credit module.



### Examination & Assessment

100% continuous assessment, with a variety of assessment methods.



### On-Campus Attendance

No on-campus attendance required.



### Who should apply?

This programme is aimed at manufacturing, quality, engineering and regulatory personnel who are looking to increase their understanding and application of ATMP technologies. It will provide a postgraduate qualification in the area of ATMP manufacturing that will form both an introduction for new or proposed entrants to the area and additional skills and knowledge to those working in the area. This course will give them the opportunity to move upwards to leadership roles.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €6,000\*\*

Nucleic Acid Therapies  
Operations Excellence and Risk Management  
ATMP Quality Systems and Regulatory Affairs  
Viral and Non Viral vector Production Systems  
Delivery Systems and Tissue Engineering Products  
Research Methods Biopharma [E]  
EU Qualified Person (QP) Certification of ATMPs [E]

[E] = Elective Module.

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €8,496\*\*

ATMP Thesis

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: mary.tully@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# BioIndustry 4.0

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme is a joint initiative by ATU Sligo and NIBRT and aims to provide students with a comprehensive grounding in biopharma related aspects of Industry 4.0 (BioIndustry 4.0), with specific focus on cutting edge technologies.

## Key course details



### Entry Requirements

The programme is open to applicants who have obtained an Honours degree or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative Honours degrees and experience in the BioProcessing industry may apply for consideration (typically 5 years duration in a GMP environment). The entry requirements will encompass Recognition of Prior Learning (RPL) in other third level institutions, in accordance with ATU procedures.



### Study Hours

It is recommended that students allow for 6 hours on average per week per 5 credit module. This includes contact time (lectures) and self directed study, along with time for completion of assignments.



### Examination & Assessment

100% continuous assessment. Some or all of the following assessment modes may apply: examinations, practical work, projects, essays, vivas, seminars, and various forms of assignment.



### On-Campus Attendance

Lectures will be delivered online, with all the practical/ laboratory work taking place in NIBRT's state-of-the-art facilities. No attendance required for Masters stage.



### Who should apply?

This programme is aimed at manufacturing, quality, engineering and site management personnel who are looking to increase their understanding and application of the latest digital trends and technologies in the validation and digitalisation fields and who already hold a Level 8 qualification in science or engineering disciplines.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €6,000

Introduction to BioIndustry 4.0  
 Biologics Manufacturing: Current and Future  
 Regulation, Risk and Compliance (E)  
 Research Methods Biopharma (E)  
 Bio Industry 4.0 Theory and Practice  
 Bio Industry Data & Digital Technologies

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €8,496

BioProcessing Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Michelle Moore:

Michelle.Moore@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Bioinformatics

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme will meet the current and future demand for professionals in the broad and expanding field of bioinformatics. Upon completion of the programme, graduates will gain knowledge and training in both bioinformatics and big data analytics skills. Students will graduate with in-depth training and skills in data analytics including storage, analysis and interpretation and the application of computational techniques for data-driven decision-making. Given the programme's focus on core programming competencies enriched with applied bioinformatics training, graduating students will be work-ready and able to make immediate contributions in their place of employment.

## Key course details



### Entry Requirements

Applicants require a 2.2 Honours Degree in a relevant medical or life sciences subject (e.g., Genetics, Molecular Biology, Biomedical Sciences, Bioanalytical Science, Nutrition, Biochemistry) or in a discipline with a significant element of Mathematics, Statistics or Computer Science with first or second-class honours or an equivalent qualification. Candidates who do not have an Honours degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL).



### Study Hours

Lecture hours: 4 hours live lectures plus 4 hours recorded lectures.



### Examination & Assessment

100% continuous assessment for all modules.



### On-Campus Attendance

Optional two-day workshop at the start of each semester.



### Who should apply?

This programme will appeal to students with a background and training in the biological sciences, including but not limited to genetics, bioanalytical science, biochemistry, or molecular biology. It will be of particular interest to students who wish to develop programming skills and combine them with existing molecular biology skills, and to learn to apply this knowledge in a wide variety of sectors that deal with large databases. Computational Sciences graduates will also be interested in the programme and can extend their existing programming knowledge for application in the specialised Bioinformatics domain. The programme will also be of relevance to anyone who currently works within an organisation in the life sciences, (bio)pharmaceutical, or medical sciences sector.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,100

Genome Biology  
Genomic Techniques & Databases  
Bioinformatics Methods

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200

Programming for Bioinformatics  
Data Analysis (with R)  
Bioinformatics Analysis on the Command Line

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Research Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Online

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## Course Contact

**Admissions:**

admissions.donegal@atu.ie

Master of Science

# Biopharmaceutical Manufacturing

This programme aims to provide students with an in-depth knowledge of biologics manufacturing and skills relevant to the biopharmaceutical sector. The programme was designed in partnership with Irish companies manufacturing biopharmaceuticals and relevant industry stakeholders. Learners will develop both critical research skills in biopharmaceutical science and in depth understanding of the quality processes involved in the manufacture of biopharmaceuticals products.

## Key course details



### Entry Requirements

Applicants require a Level 8 major award in any Biological Science or Engineering discipline. Candidates should ideally be employed in a Biopharmaceutical, or similar, industry and be able to undertake a year-long Applied Research Project.



### Study Hours

Lectures and tutorials will be delivered live online and will also be recorded.



### On-Campus Attendance

Learners who take the elective module in Biopharmaceutical Science will be expected to be on-site for a 2 day practical workshop in December.



### Who should apply?

This programme is suitable for graduates seeking roles as biotechnical production specialists, process sciences associates, process engineers, cell line engineers, cell biology and bioanalytical analysts, data science and analytics engineers, technical operations specialists, technical services specialists, validation specialists, manufacturing support specialists, operations lead/managers, QA specialist/managers, or leadership roles in Research and Development.

## Course Contacts

**Admissions:** learn.galwaymayo@atu.ie

**Student Advisor:** Eileen O'Hara: eileen.ohara@atu.ie

Blended

**Level:** 9

**Credits:** 90

**Duration:** 15 months

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

**ILEP Approved** ✓

## What will I study?

### Modules

Bioprocessing Technology

Design and Analysis of Experiments

Six Sigma Management

Validation for Biopharmaceuticals

Advanced Biopharmaceutical Science

Applied Research Project

Biopharmaceutical Science [E]

Quality Management Systems and Regulatory Affairs [E]

Applied Immunology, Immunotherapeutics and Vaccine Technology [E]

Biopharmaceutical Facilities [E]

Machine Learning and Vision [E]

[E] = Elective Modules

Master of Science

# Biopharmaceutical Processing

Biopharmaceutical Processing involves studying the design, development, and processing of biologics from cell line development to bulk drug substances. This programme has been designed to meet the existing and projected needs of the sector and will help produce confident graduates that are technically competent for employment in this industry.

## Key course details



### Entry Requirements

This programme is open to students who have obtained an Honours degree (Level 8), or its equivalent, in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the BioProcessing industry (typically 5 years duration in a GMP environment) may apply for consideration through ATU's Recognition of Prior Learning (RPL) process. These candidates will be interviewed for suitability and be subject to prior approval by the Programme Board.



### Study Hours

3 lectures per week. 3 hours of self-guided study per week.



### Examination & Assessment

Each module is 100% continuous assessment.



### On-Campus Attendance

No attendance required.



### Who should apply?

Those already working in the biomanufacturing industry who may wish to advance their career in the sector.

## Course Contacts

**Admissions:** admissions.sligo@atu.ie

**Student Advisor:** Mary Tully: Mary.Tully@atu.ie

Online

**Level:** 9

**Credits:** 90

**Duration:** 2.5 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Total fees:** €8,496\*\*

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Legislation and Regulatory Affairs

Fermentation and Cell Culture Processing

Bioprocessing Thesis

Upstream Processing [E]

Scale Up and Tech Transfer [E]

Protein Purification

Research Methods

Downstream Processing [E]

Formulation and Delivery Systems [E]

[E] = Elective Modules

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Biopharmaceutical Science

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

Jointly offered by ATU Sligo and NIBRT, this Masters will provide students with a comprehensive understanding of the principal scientific and engineering challenges in the manufacturing of biopharmaceutical products. Upon completion, students will have achieved an internationally recognised qualification which is highly relevant to the biopharma industry.

## Key course details



### Entry Requirements

An honours degree (Level 8) or equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the Biopharmaceutical industry (typically 5 years duration in a GMP environment) may apply for Recognition of Prior Learning (RPL).



### Study Hours

Students can expect to have 3 hours of live lectures per week. It is recommended that students should try to allow for 5-6 hours per week per 5-credit module to their studies.



### Examination & Assessment

This programme is assessed via 100% continuous assessment.



### On-Campus Attendance

If practical elective selected, two-day attendance at NIBRT Dublin, per semester.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €6,000\*\*

Fermentation and Cell Culture Processing  
 Legislation and Regulatory Affairs  
 Scale-up and Technology Transfer [E]  
 Upstream Bioprocessing Practical [E]  
 Protein Purification Processing  
 Research Methods Biopharma [E]  
 Formulation and Delivery Systems [E]  
 Downstream Bioprocessing Practical [E]

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €9,996

Biocontamination Monitoring and Control  
 Bioanalytical Techniques  
 Facility Design and Operation [E]  
 Biopharmaceutical Analytical Techniques Practical Module [E]  
 Biopharma Process Validation  
 Lean Sigma for BioPharma  
 Project Management [E]  
 Advanced technologies in Bioprocessing [E]

### Master of Science

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €12,000\*\*

Biopharmaceutical Dissertation  
 [E] = Elective Modules

Online

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
 Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Michelle Moore:  
 Michelle.Moore@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# CQV Commissioning, Qualification and Validation for Biologics Manufacturing

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme is designed to provide students with the knowledge required to be involved in the commissioning of equipment and utilities used in biopharmaceutical plants. It will equip students with the knowledge and skills required to perform commissioning of a bioprocessing plant, and the equipment related to the biotechnology industry. This programme is jointly offered by ATU Sligo and NIBRT (National Institute for Bioprocessing Research and Training).

## Key course details



### Entry Requirements

The programme is open to applicants who have obtained an Honours degree or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative Honours degrees and experience in the BioProcessing industry may apply for consideration (typically 5 years duration in a GMP environment).



### Study Hours

Students should expect to allocate 6 hours on average per week per 5-credit module.



### Examination & Assessment

100% continuous assessment. Some or all of the following assessment modes may apply: examinations; practical work; projects; essays; vivas; seminars and various forms of assignment.



### On-Campus Attendance

Lectures will be delivered online. Depending on electives, students may be required to attend a 2 day block attendance at the NIBRT facility in Dublin.



### Who should apply?

This programme will appeal to personnel who wish to advance their career in biopharma while specialising in an area beneficial to their employer, where there is a shortage of qualified and experienced personnel in Ireland. The programme will address a knowledge gap amongst junior CQV engineers that don't have a specific engineering background in areas such as hygienic pipework principles, P&ID walkdowns, instrumentation and calibration.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €6,000\*\*

Biologics Manufacturing  
Facility Design and Operation  
Regulation, Risk and Compliance  
Commissioning, Qualification & Validation  
Scale-up and Technology Transfer

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €8,496\*\*

BioProcessing Thesis

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Michelle Moore:

Michelle.Moore@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# End-to-End Sterility Assurance

## Award Options

- **Master of Science**
- **Postgraduate Certificate**

This programme has been designed to meet the growing demands of companies in filling sterility assurance scientist and quality assurance operational roles. The impetus for the development of this specialist programme emerged from industry needs and the content has been developed in conjunction with a Sterility focus group comprised of industry sterility experts from Irish Medtech Association's Sterility Forum. This course in End-to-End Sterility Assurance will provide students with a detailed understanding of sterilisation methodologies applied to medical technologies in a range of contexts.

## Key course details



### Entry Requirements

Level 8 primary degree in a science/engineering subject, related to the life sciences. Previous or current experience in sterility (minimum two years) will be considered in assessing entry qualifications for candidates with a relevant Level 7 qualification with appropriate experience. Such candidates can apply through the Recognition of Prior Learning (RPL) process.



### Study Hours

4 modules per semester. 6-7 hours of live recorded lectures per week. 4 hours of independent learning per module per week.



### Examination & Assessment

100% continuous assessment with assignments, and a submission of an applied research project at the end of the year.



### On-Campus Attendance

Some on-campus attendance required for practical workshops and group project work. Site visits to industry facilities take place at the end of each semester.



### Who should apply?

This programme is aimed at graduates who have either a science or bioengineering background and are aiming to develop their careers in sterility assurance.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €4,500\*\*

Industrial Microbiology for Medtech  
Quality Management, Regulatory Affairs & Biocompatibility  
Global Sterilization Trends for Medtech Industry  
Cleanroom Technology, GMP & Water Systems  
Terminal Sterilisation for Medtech Industry

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €5,500\*\*

\*Irish Medtech Skillnet members pay €3,500

Design and Analysis of Experiments  
Research Methods  
Medical Device Product Life-Cycle  
Applied Research Project  
Managing Innovation  
Leadership and Teams

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Recognition of Prior Learning** ✕

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.



# Entrepreneurship and Biopharmaceutical Manufacturing

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme has been designed to meet the growing demands of companies in filling leadership and operational roles in the biopharmaceutical sector. This course will provide students with a detailed understanding of bioprocessing technologies, six sigma management and validation for biopharmaceuticals. The programme will also cover topics such as quality management systems and regulatory affairs for biopharmaceutical products; strategic marketing and communication; leadership and teams; managing innovation; finance and accounting.

## Key course details



### Entry Requirements

A H2.2 Bachelor degree at level 8 in a cognate science discipline such as biochemistry, microbiology, biology, biomedical science/engineering or equivalent, is required. Applicants who do not hold the specified qualification, may apply through the ATU RPL (Recognition of Prior Learning) process for admission to the programme.



### Study Hours

This course is offered mostly online with 6-10 lecture hours per week and 1-3 self-guided study hours.



### Examination & Assessment

Assessment methodologies will mainly include individual/group projects, assignments, closed-book written exams, oral presentations and thesis submission.



### On-Campus Attendance

There is a mandatory on-campus attendance requirement on 3 x Fridays each semester (2 semesters in total).



### Who should apply?

The programme is aimed at graduates who have either a science or engineering background and are aiming to progress their careers in a leadership/managerial role.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200\*\*

Strategic Marketing and Communication  
Principles of Finance and Accounting  
Managing Innovation  
Leadership and Teams  
Six Sigma Management  
Validation for Biopharmaceuticals  
Advanced Biopharmaceutical Science  
Bioprocessing Technology  
Quality Management and Regulatory Affairs  
Research Project

### Master of Science

**Duration:** 1 year

**Credits:** 90

**Total fees:** €6,300\*\*

Commercialization Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,

Dublin Road

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

learn.galwaymayo@atu.ie

**Student Advisor:**

Eileen O'Hara:

eileen.ohara@atu.ie

\*\* Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Entrepreneurship and MedTech

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

The Entrepreneurship and Medtech programme is designed to equip learners with the essential knowledge and skills required to navigate the intersection of entrepreneurship and medical technology. This program aims to empower students with a robust entrepreneurial skill set, fostering innovation and strategic thinking. Graduates who complete this programme will be well-equipped to lead in the dynamic intersection of entrepreneurship and the medical technology sector.

## Key course details



### Entry Requirements

A H2.2 Bachelor's degree at Level 8 in any cognate discipline or equivalent in science, technology, or engineering is the minimum entry requirement for this programme. English Language Requirements will be as determined by ATU and as published in the Access, Transfer and Progression code.



### Study Hours

This course is offered mostly online with 6-10 lecture hours per week and 1-3 self-guided study hours.



### Examination & Assessment

Assessment methodologies will mainly include individual/group projects, assignments, closed book written exams, oral presentations and thesis submission.



### On-Campus Attendance

The course requires a few on-campus activities for the Principles of Finance and Accounting and Strategic Marketing and Communication modules.



### Who should apply?

The Entrepreneurship and Medtech is an ideal programme for aspiring entrepreneurs, business professionals, and innovators who are passionate about the intersection of business and medical technology. The programme is designed for individuals who want to take on leadership roles, such as healthcare entrepreneurs, innovation managers, and business strategists in the MedTech industry.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,200\*\*

Strategic Marketing and Communication  
Principles of Finance and Accounting  
Medical Technologies  
Global Regulatory Strategies for Medical Technologies  
Pre-clinical Evaluation and Assessment  
Design Control and Risk Management  
CEO Masterclass  
Research Project  
Managing Innovation  
Leadership and Teams

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €6,300\*\*

Design of Experiments and Analysis  
Research Methods  
Commercialization Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** No

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Galway City,  
Dublin Road

**Recognition of  
Prior Learning** ✓

## Course Contacts

**Admissions:**

learn.galwaymayo@atu.ie

**Student Advisor:**

Eileen O'Hara:  
eileen.ohara@atu.ie

\*\* Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

Master of Science

# Industrial Pharmaceutical Science

This course comprises of six modules, providing teaching in 22 major subject areas and an MSc Research Project. For suitably qualified candidates who wish to pursue Qualified Person Status, the course fulfils the educational requirements required by European Directive 2001/83/EC and 2001/82/EC.

## Key course details



### Entry Requirements

An Honours degree or its equivalent in an appropriate discipline. Candidates intending to pursue Qualified Person status should have an appropriate primary degree that conforms to the specific requirements for primary qualifications listed in European Directives 2001/83/EC and 2001/82/EC. There is also a requirement to have completed a minimum of two years of practical industrial experience in an appropriate manufacturing environment.



### Study Hours

Most online courses typically involve 3 x 5 credit modules per semester which leads to an average 15 – 18 study hours per week. Our online courses have about 3 hours of live lectures per week (but this can vary per programme). The rest of your study time consists of independent learning, communicating with your lecturers and classmates and carrying out assignments.



### Examination & Assessment

This programme is assessed by a mix of continuous assessment and final exam.



### On-Campus Attendance

One workshop per semester (which will be a day and a half on a Friday and Saturday).

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Sligo

Total fees: €16,200

Recognition of  
Prior Learning ✗

## What will I study?

### Modules

Active Pharmaceutical Ingredients and Pharmaceutical Analysis

Chemistry, Pharmacology and Toxicology of Therapeutics

Regulation and Licensing of Pharmaceutical and Biotechnology Products and Medical Devices

Formulation of Dosage Forms, Sterile Pharmaceuticals and Advanced Drug Delivery Systems

Processes and Production and Pharmaceutical Quality Systems

Management of Pharmaceutical Operations and Projects

Research Project

## Course Contacts

Admissions:

admissions.sligo@atu.ie

Student Advisor:

Mary Tully: Mary.Tully@atu.ie

Master of Science

# International Medical Technologies, Innovation and Development

This programme develops the necessary skills required to strategically support the innovation journey of medical technologies for access into target international markets. Learners will not only develop critical research skills to support the convergence in medical technologies but will also understand regulatory requirements and advanced testing methods to meet the business strategy and plans for the market for new technologies.

## Key course details



### Entry Requirements

A H2.2 Bachelor degree at Level 8 in any cognate discipline or equivalent in science, technology or engineering, is the minimum entry requirement for this programme.



### Study Hours

Lectures and tutorials will be delivered live online and will also be recorded.



### On-Campus Attendance

Semester 1: Evening on-site practical every four weeks. Semester 2: Four one-day workshops held every four weeks. Two on-site device evaluation practicals in ATU Galway City's Medical Imaging suite. Four network evening events with key opinion leaders.



### Who should apply?

This programme has been designed for people in full-time employment in the MedTech/Life Sciences sector seeking to progress their careers.

Blended

Level: 9

Credits: 90

Duration: 18 months

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Galway City,  
Dublin Road

Total fees: €6,300

Recognition of  
Prior Learning ✓

ILEP Approved ✓

## What will I study?

### Modules

Design Control and Risk Management

Medical Technologies

Design and Analysis of Experiments

Global Regulatory Strategies for Medical Technologies

Pre-clinical Evaluation and Assessment

CEO Masterclass

Research Project in Medical Technologies

## Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

Eileen O'Hara:

eileen.ohara@atu.ie

## Master of Science Medical Science

This programme is aimed at medical science professionals aiming to enhance their careers in research and advanced clinical or professional practice. The programme allows learners to specialise in one of the core Medical Science disciplines and develop an in-depth knowledge of clinical and laboratory medicine and advanced skills to conduct independent research.

### Key course details



#### Entry Requirements

Applicants require a BSc (Hons) in Medical Science/ Biomedical Science and must currently be working as a Medical Scientist in a clinical diagnostic laboratory. Candidates enrolled in the programme must complete a laboratory-based research project, and access to laboratory facilities and associated support is a prerequisite for this programme.



#### Study Hours

Lectures and tutorials will be delivered live online, normally between 6pm and 9pm, and will also be recorded. The average weekly contact time for the programme is 7-8 hours.



#### Examination & Assessment

This programme is mainly assessed via continuous assessment - with just one module having one online final exam.



#### On-Campus Attendance

No attendance required.



#### Who should apply?

This programme is suitable for working Medical Scientists seeking career progression to Senior Medical Scientist, Specialist Medical Scientist, Chief Medical Scientist and Laboratory Manager.

### Course Contacts

**Admissions:** [learn.galwaymayo@atu.ie](mailto:learn.galwaymayo@atu.ie)

**Student Advisor:** Eileen O'Hara: [eileen.ohara@atu.ie](mailto:eileen.ohara@atu.ie)

Online

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Galway City,  
Dublin Road

**Total fees:** €8,000

**Recognition of  
Prior Learning** ✓

### What will I study?

#### Modules

Design and Analysis  
of Experiments

Research Methods

Advances in Clinical  
Laboratory Diagnostics

Molecular Diagnostics  
and Bioinformatics

Research Project in  
Medical Science

Applied Quality Management for  
the Clinical Diagnostic Laboratory

Clinical Laboratory and  
Project Management

Advanced Practice in Transfusion  
and Transplantation Science [E]

Advanced Clinical Chemistry [E]

Advanced Clinical Laboratory  
Haematology [E]

Advanced Clinical Microbiology  
and Infection [E]

Clinical Immunology, Global  
Infections and Therapeutics [E]

Advanced Cellular Pathology [E]



Studying online enabled me to continue working full-time and studying part-time after work without any hassle of commuting. Studying the Masters in Medical Science also equips you with the knowledge and skills required to further your career into a senior position in the clinical laboratory and opens up the opportunity for progression to Level 10 studies.

This Masters appealed to me due to the three-semester long research project that it offers. As I was just out of college prior to beginning the programme, I wanted to gain more experience working in a clinical laboratory while also studying part-time. This course enabled me to carry out meaningful research while also gaining experience working in a clinical setting due to its blended learning approach.

Zara Brady

Graduate of the Master of Science in Medical Science

# Medical Technology Regulatory Affairs

## Award Options

- **Master of Science**
- **Postgraduate Diploma (Medical Device Regulatory Affairs)**
- **Postgraduate Certificate (Medical Device Regulatory Affairs)**

This course will enable Regulatory Affairs personnel in the Medical Technology industry to understand all current device and diagnostic regulations and to develop the skills necessary to address and prepare for the ever-changing global environment of regulatory affairs. Developed jointly by the University of Galway and ATU Sligo and in conjunction with an industry taskforce comprised of regulatory experts from the Irish Medtech Association (IMA) Regulatory and Quality Working Group, the course is supported by the Irish Medical Devices Association and Irish Medtech Association (IMA) Skillnet. Given the evolving nature of international regulations, a regulatory affairs professional must continually grow their knowledge and skills to be effective and to advance in their careers.

## Key course details



### Entry Requirements

Applicants require a Level 8 primary degree in a science/engineering subject related to the life sciences.



### Study Hours

The programme consists of 12 modules, each worth 5 credits. Three modules are delivered per semester. A dissertation (30 credits) is also carried out over Year 1 and Year 2.



### Examination & Assessment

This programme is assessed via 100% continuous assessment.



### On-Campus Attendance

One optional workshop, per semester.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €4,650

Introduction to EU Medical Technology Regulatory Affairs  
Introduction to US Medical Technology Regulatory Affairs  
Technical Report Writing  
Global Medical Technology Regulatory Affairs Part 1  
Clinical Evaluation Reporting  
Quality Management System

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €9,300

EU Medical Technology Regulatory Affairs - Advanced  
US Medical Technology Regulatory Affairs - Advanced  
Risk Management, Labelling and Promotion  
Global Medical Technology Regulatory Affairs Part 2  
Design Assurance, Sterilisation and Biocompatibility  
Post Market Surveillance

### Master of Science

**Duration:** 2.5 years

**Credits:** 90

**Total fees:** €13,950\*

\*Irish Medtech Skillnet members pay €9,416.25.

Medical Technology Regulatory Affairs Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Michelle Moore:

Michelle.Moore@atu.ie

# Validation and Digitalisation Technologies

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme is a joint initiative with NIBRT and aims to provide students with a comprehensive grounding in critical aspects of Biopharmaceutical Processing and Support Services, with specific focus on the validation of equipment and facilities and understating of the applications of BioIndustry 4.0. It will provide a postgraduate qualification in the area of digitalisation that will form both an introduction for new or proposed entrants to the area and additional skills and knowledge to those working in the area.

## Key course details



### Entry Requirements

The programme is open to students who have obtained an Honours degree or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative Honours degrees and experience in the BioProcessing industry may apply for consideration (typically 5 years duration in a GMP environment). The entry requirements will encompass Recognition of Prior Learning (RPL) in other third level institutions, in accordance with ATU procedures.



### Study Hours

It is recommended that students allow for 6 hours on average per week per 5 credit module. This includes contact time (lectures) and self directed study, along with time for completion of assignments.



### Examination & Assessment

100% continuous assessment. Some or all of the following assessment modes may apply: examinations, practical work, projects, essays, vivas, seminars, and various forms of assignment.



### On-Campus Attendance

No attendance required.



### Who should apply?

This programme is aimed at manufacturing, quality, engineering and site management personnel who are looking to increase their understanding and application of the latest digital trends and technologies in the validation and digitalisation fields and who already hold a Level 8 qualification in science or engineering disciplines.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €9,996\*\*

\*HCI Pillar 1 funding may be available

Biologics Manufacturing  
 Facility Design and Operation  
 Regulation, Risk and Compliance  
 Commissioning, Qualification & Validation  
 Scale Up and Technology Transfer  
 Introduction to BioIndustry 4.0  
 Biologics Manufacturing: Current and Future  
 Regulation, Risk and Compliance (E)  
 Research Methods Biopharma (E)  
 Bio Industry 4.0 Theory and Practice  
 Bio Industry Data & Digital Technologies

(E) = Elective Modules

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €12,000\*\*

Biopharmaceutical Dissertation

Online

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Recognition of Prior Learning** ✓

## Course Contacts

**Admissions:**

admissions.sligo@atu.ie

**Student Advisor:**

Michelle Moore:

Michelle.Moore@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Advancing Health and Social Care

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Contemporary Healthcare Management)**

This programme aims to provide students with concepts, theories and academic skills to contribute to an agenda of change in their organisation. The modules will allow students to critically explore, assess, evaluate and enhance their area of professional expertise and interest, with a final module at Masters Level - Research Dissertation - enabling students to complete research in a topic of relevance to their area of expertise.

## Key course details



### Entry Requirements

The minimum entry requirements are a Level 8 Honours Degree in a relevant discipline such as Health & Social Care, Nursing, Early Childhood Care, Social Work, Youth Work etc. Applicants may be required to undertake an interview. Recognition of Prior Learning (RPL) will be considered in accordance with the Quality Assurance of ATU.



### Examination & Assessment

This programme is assessed via 100% continuous assessment.



### On-Campus Attendance

In the Postgraduate Certificate and Postgraduate Diploma phases, students undertake directed work and attend 3 seminar days per module on campus. In the Master of Health Science phase, students attend 3 seminar days per semester online.



### Who should apply?

Suitable for progression for professionals working in the provision and delivery of ever-changing health and social care agenda.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate (Contemporary Healthcare Management)

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,100

Advanced Research Methods in Health  
Advanced Professional Leadership & Management  
Contemporary Legal & Professional Issues

### Postgraduate Diploma

**Duration:** 1 or 2 years

**Credits:** 60

**Total fees:** €4,200

Teaching and Learning  
Cognitive Behaviour Therapy & Mindfulness  
\*For the full list of Elective Modules, refer to the programme web page.

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Research Dissertation

Blended

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** Yes

**Delivery Method:**  
Blended

**Campus:** Letterkenny

**Recognition of  
Prior Learning** ✓

## Course Contact

**Admissions:**  
admissions.donegal@atu.ie

# Applied Health and Wellness Coaching

## Award Options

- **Master of Health Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme will provide professionals with the tools to complement their knowledge base and enable them to facilitate their clients to achieve their health goals. Health coaching draws on a number of underpinning theories including Motivational Interviewing, the Transtheoretical Stages of Change Model and Appreciative Inquiry. The aim of health and wellness coaching is to help the individual to choose the behaviour they want to change and support them through goal setting and ongoing goal review and support. This programme is approved by the Nursing and Midwifery Board of Ireland as a Category 2 programme.

## Key course details



### Entry Requirements

Applicants require an undergraduate degree (Level 8, NFQ) with second class honours or above. In certain circumstances applications from candidates who do not meet the above requirements will be considered provided they have a professional qualification in a relevant subject area and/or having relevant coaching experience - these applicants will require a portfolio. For full details on the Entry Requirements for this programme please see the course webpage.



### Study Hours

In Years 1 and 2, live lectures normally take place between 3-5 on one afternoon per week with 2 all-day workshops per module (one online, one on-campus). In Year 3, students attend 3-4 seminar days per semester online.



### Examination & Assessment

A mixture of assignments, exams and practical skills assessment.



### External Accrediting Body

This programme is an Approved Health and Wellness Coach Training & Education Program by the National Board for Health and Wellness Coaching (NBHWC). Graduates of this programme are eligible to apply for the HWC Certifying Examination to become National Board Certified Health & Wellness Coach.



### On-Campus Attendance

Attendance is required at the ATU St Angelas campus one or two days per semester.



### Who should apply?

This programme is suitable for a wide range of professionals working in health, wellness and coaching.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €3,000

\* May be eligible for funding through the regional Centre for Nursing and Midwifery Education.

Fundamentals of Coaching and Healthy Lifestyle Behaviours  
Foundations of Health and Wellness Coaching  
Advanced Theory and Practice of Health and Wellness Coaching

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €6,000

\* May be eligible for funding through the regional Centre for Nursing and Midwifery Education.

Advanced Nutrition in Health and Wellness Coaching  
Coaching Strategies for Psychological Wellbeing  
Advanced Research Skills

### Master of Health Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €9,000

Research Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie



# Applied Leadership and Management in Healthcare

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of the healthcare leader and manager. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

## Key course details



### Entry Requirements

Applicants require a Level 8 degree with a grade of 2.2 or higher.



### Study Hours

It is recommended that students allow for up to 10 hours per week per 10-credit module.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.



### Who should apply?

This programme is suitable for those in a leadership and management role in the healthcare sector, or a person who wishes to work in that area.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate (Applied Leadership and Management)

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,400

Governance and Compliance for Quality  
Leadership and Management  
Employment Law and Finance

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Applied Research  
Strategic Organisational Dynamics and Change for Leaders  
Critical Thinking and Decision Making

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Applied Research Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

# Applied Leadership and Management in Social Care

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of the social care leader and manager. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

## Key course details



### Entry Requirements

Applicants require a Level 8 degree with a grade of 2.2 or higher.



### Study Hours

It is recommended that students allow for up to 10 hours per week per 10-credit module.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.



### Who should apply?

This programme is suitable for those in a leadership and management role in the social care sector, or those seeking to work in that area.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate (Applied Leadership and Management)

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,400

Governance and Compliance for Quality  
Leadership and Management  
Employment Law and Finance

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Critical Thinking and Decision Making  
Strategic Organisational Dynamics and Change for Leaders  
Applied Research

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Applied Research Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

# Applied Leadership and Management in the Public Sector

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of leaders and managers in the public sector. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

## Key course details



### Entry Requirements

Applicants require a Level 8 degree with a grade of 2.2 or higher.



### Study Hours

It is recommended that students allow for up to 10 hours per week per 10-credit module.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.



### Who should apply?

This programme is suitable for those in a leadership and management role in the public sector, or a person seeking to work in that area.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate (Applied Leadership and Management)

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,400

Governance and Compliance for Quality  
Leadership and Management  
Employment Law and Finance

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Critical Thinking and Decision Making  
Strategic Organisational Dynamics and Change for Leaders  
Applied Research

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Applied Research Project

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

Master of Science

# Clinical Measurement Physiology

This programme places a strong emphasis on students learning to adopt a patient-centred and professional approach. Key skills acquired will be the ability to deliver valid clinical diagnostic data to colleagues and patients, broad clinical knowledge, critical thinking and research skills. For the first time in Ireland this programme will provide the opportunity to train as a Clinical Measurement Physiologist in all five disciplines; gastro-intestinal; neurophysiology; vascular; respiratory and cardiology.

## Key course details



### Entry Requirements

Applicants must have a minimum of a 2.2 Honours Level 8 degree in a relevant area of study. Prior study to a Level 6/Level 7 in mathematics, basic science subjects (biology, physics, chemistry) are a requirement in addition to the study of physiology and anatomy.



### Study Hours

The three placement semesters will be supported by a practice placement educator in the hospital site and online lectures and tutorials.



### Examination & Assessment

This programme is assessed through a combination of written exams, case studies and presentations, clinical competencies and project work.



### On-Campus Attendance

One semester is based in ATU Sligo and the other three semesters on hospital based clinical placements at various locations. These placements will be supported by a practice placement educator in the hospital site and online lectures and tutorials.



### Who should apply?

The aim of this programme is to allow people, with a related undergraduate degree, to gain the qualification, skills and competencies to enter the healthcare work force as a Clinical Measurement Physiologist - performing diagnostics tests for patients, reporting and acting on the outcomes and being part of the interdisciplinary team treating patients.

Blended

**Level:** 9

**Credits:** 120

**Duration:** 2 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Sligo

**Total fees:** €12,600

**Recognition of Prior Learning** ✗

**ILEP Approved** ✓

## What will I study?

### Modules

Professional Practice I

Physiological Systems

Core Placement Skills

Clinical Measurement Instrumentation

Medical Imaging

Advanced Clinical Measurement Applications

Medical Pharmacology

Clinical Biochemistry

*\*For the full list of Modules, refer to the programme web page.*

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: Mary.Tully@atu.ie



# Cognitive Behavioural Psychotherapy

## Award Options

- **Master of Health Science**
- **Postgraduate Diploma**

The overarching aim of this programme is to provide education and advanced skills training for Registered Mental Health Nurses (RPNs/RMNs) to progress their competence to become autonomous Clinical Nurse Specialists in Cognitive Behavioural Psychotherapy (CBP). On successful completion of the programme, graduates will be competent to practice in a variety of mental health care settings.

## Key course details



### Entry Requirements

Applicants must hold a NFQ Level 8 Honours Degree In Mental Health Nursing with a minimum of 2.2 classification or equivalent qualification. Applicant should also be currently registered with the Nursing Board of Nursing and Midwifery Ireland (NMBI), and have post-qualification experience as a qualified Mental Health Nurse/ Psychiatric Nurse for a minimum of 3-5 years with clients presenting with a variety of mental health challenges. Candidate should be currently employed in a practice area where Cognitive Behavioural Psychotherapy (CBP) is employed as a treatment modality, and be able to provide evidence of support from their line manager/ director of services in the form of facilitating them to practice as a student CBP therapist under a named CBP therapist who will act as the students' clinical supervisor throughout clinical practice. Potential students may be interviewed as part of the application process.



### Study Hours

The course consist of 7 modules with a recommendation of 250-300 hours of study per module.



### Examination & Assessment

The programme assessment strategy has been carefully thought out to reflect the requirements of the programme. A continuous assessment process is in operation for the entire programme and operates the first module onwards. Assessments are designed to assess the learners' academic progression along with their developing professional competence as CBP therapists. A variety of assessment strategies are used, such as: Essay-Based Assignments; Observed Structured Clinical examination of skill (OSCE's); Assessment of submitted audios of real life sessions with clients; Case Study Presentation; Portfolio Maintenance; Reflective Practice assignments.



### On-Campus Attendance

On-campus attendance is required on average once weekly throughout the academic year in Year 1 along with an additional days attendance once per month. Approximately 40 days attendance requirement Year 1 and minimal attendance required in Year 2.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €10,000

Theoretical Foundations of Therapeutic Communication and Cognitive Behavioural Psychotherapy  
Evidenced based Theory and Practice of Cognitive Behavioural Psychotherapy for Anxiety & Depression  
Professional Practice  
Advanced Research Skills  
Evidenced based Theory and Practice of Cognitive Behavioural Psychotherapy for Complex Presentations  
Evidenced Based theory and Practice of Third Wave and New Generation CBP

### Master of Health Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €14,000

Research Dissertation Practicum

On-Campus

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

On-Campus

**Campus:** St Angeles

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

# Community Mental Health Nursing

## Award Options

- **Master of Health Science**
- **Postgraduate Diploma**

Through this programme, students are able to build upon their previous nursing expertise with education in the area of Mental Health Nursing. They can respond proactively to changes in their practice and work environment and become key drivers in the development of their professional practice. The Professional Practice module aims to expose the student to contemporary mental health care in the community.

## Key course details



### Entry Requirements

Applicants must be currently practicing as a psychiatric nurse and be a Registered Psychiatric Nurse on the Psychiatric Division of the active register maintained by NMBI with at least 18 months post-registration experience. Applicants should hold a primary degree in nursing. If applicants do not have a primary degree in nursing, they will be invited to complete an access course. To progress to Year 2, students must obtain an aggregate mark of 60% in their Postgraduate Diploma (Year 1). For full details on the Entry Requirements for this programme please see the course webpage.



### Study Hours

Each of the six 10 credit modules have a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation. Year 2 consists of a 30 credit workload.



### Examination & Assessment

The programme is assessed by a variety of coursework, practical examinations and written examinations.



### On-Campus Attendance

In Year 1, attendance is required at St Angelas Campus for 6 days during Semester 1 and 9 days during Semester 2. In Year 2, students attend 3-4 online seminar days per semester. Students also have group and individual research dissertation supervision.



### Who should apply?

This programme is suitable for registered Psychiatric Nurses on the Psychiatric Division of the active register maintained by NMBI who are currently practicing as a psychiatric nurse and have at least 18 months post-registration experience in psychiatric nursing (exclusive of post-registration courses).

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €10,800

Making Recovery a Reality: A Co-produced Module  
Therapeutic Communication  
Advanced Research Skills  
Primary and Community Mental Health Care  
Professional Practice (Clinical)  
Introduction to Cognitive Behaviour Therapy (E)  
Assessing & Managing Clients Presenting Following Self-harm (E)  
Early Intervention for People Who Experience First Episode  
Psychosis (E)  
Eating Disorders in Adults and Adolescents (E)

*(E) = Elective Modules*

### Master of Health Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €12,600

Research Dissertation Practicum

Blended

**Level:** 9

**Study Mode:**  
**Part-time:** Yes  
**Full-time:** No

**Delivery Method:**  
Blended

**Campus:** St Angelas

**Recognition of  
Prior Learning** ✓

## Course Contact

**Admissions:**  
admissions.stangelas@atu.ie

# Disability Studies\*

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

Disability studies allow us to understand disability in a different way; as a positive social and political identity, rather than a health issue or something to be 'fixed' or arouse sympathy. The study of 'disability' is inextricably linked to the concept of equality. This programme may be of interest to disabled people in Ireland, or people currently working in the disability, community, health and social care sectors. People working for, or living with, disabled people may also be interested in the programme.

## Key course details



### Entry Requirements

Applicants will normally have a primary degree (Level 8) or evidence of equivalent academic credits. Students who do not have the aforementioned will be required to provide evidence of their ability to study at post-graduate level by undertaking a short Access Module.



### Study Hours

In years 1 and 2, live lectures are normally broadcast between 6.30pm and 8pm on Mondays and Wednesdays. In year 3, lectures run live online during the day (duration varies). It is recommended that students should try to allow for 5-10 hours per week per 10 credit module to their studies.



### Examination & Assessment

All assessment on this course is continuous assessment. This includes contribution to discussion forums, shorter written assignments and a longer final essay.



### On-Campus Attendance

On campus attendance is not mandatory but students may attend in person, or online, for seminars in year one and two which run one or two days per semester. In year three, online seminars days run 2-4 days per semester.



### Who should apply?

This programme is suitable for disabled people, family members of disabled people, healthcare professionals and people who work in any roles with connections to the disability sector.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 year

**Credits:** 30

**Total fees:** €2,400

Historical Perspectives in Disability Studies  
The Lived Experience of Disability  
Personal and Social Perspectives in Disability Studies

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €4,800

Disability and the Media  
Advanced Research Skills  
Applied Social Policy and Disability Equality

### Master of Science

**Duration:** 3 years

**Credits:** 90

**Total fees:** €7,200

Research Dissertation Practicum

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

\*next intake September 2026. Course will run subject to academic validation and student numbers.

# Gerontology Nursing | Gerontology Practice

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This exciting multidisciplinary course emphasises healthy aging in older adults, and will benefit those registered as a nurse on the live register of NMBI or health and social professionals registered with CORU, and caring for older people in their place of work. The aim of this course is to develop postgraduates' theoretical knowledge, professional values and skills to enable them to plan and implement evidence-based interventions and person-centred approaches for older people across a variety of health and social care contexts. This course is accredited by the Nursing and Midwifery Board of Ireland for those registered nurses on relevant division (RGN, RNID, RNT, RPHN, RPN). Applicants can choose to qualify in Gerontology Nursing or Gerontology Practice, depending on their profession, and are invited to apply to the campus of their convenience.

## Key course details



### Entry Requirements

A Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent (nursing, health science/studies or social science/studies related) or evidence of equivalent academic credits. Applicants who have successfully undertaken and passed at a H2.2 performance standard, a minimum of one 10 ECTS module (Level 9), as a standalone module or equivalent (in the previous four years) will be eligible to apply. Applicants will hold registration as a nurse on the live Register of NMBI (or equivalent) in the General, or Psychiatric, or Intellectual Disability division, or hold registration as an allied health and social care professional on the live Register of CORU (or equivalent), and have a minimum of 1-year post-registration experience including six months in a care of the older person setting and be currently employed in a setting where he/she has opportunities to care for older people.



### Study Hours

Students will be required to complete modules worth 5 ECTS (125 hours total student effort) or 10 ECTS (250 hours total student effort) with students being expected to attend hours in class, complete online courses and self-guided work.



### Examination & Assessment

Examinations and assessment for this award may include, amongst others, a variety of methods including case presentation, projects, professional assignments, case studies, e-tivities, e-discussion forums and essays. The Research Dissertation Practicum module is assessed through a research dissertation in the final fourth semester.



### On-Campus Attendance

Delivery of this course will be hybrid, as content may be delivered both on and off and between campuses in ATU Donegal in Letterkenny, ATU St Angelas in Sligo, and ATU Mayo in Castlebar.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 years

**Credits:** 60

**Total fees:** €7,200

Ageing, Health Assessment and Management in the Older Person  
Contemporary Legal & Professional Issues  
Contemporary Approaches to Care of the Older Person  
Advanced Research Skills  
Dementia, Delirium and Mental Health in the Older Person  
Advanced Professional Leadership & Management

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €10,800

Research Dissertation Practicum

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Letterkenny,

Mayo, St Angelas

**Recognition of Prior Learning** ✓

## Course Contacts

### Admissions:

St Angelas:  
admissions.stangelas@atu.ie

Mayo:  
learn.galwaymayo@atu.ie

Donegal:  
admissions.donegal@atu.ie



Master of Science

# Health Promotion Practice

This programme equips graduates with the skills and knowledge to work in a variety of health, wellness and health promotion, and research roles in the statutory, community, voluntary health and social care sector and the private sector. The programme combines the development of expertise in Health Promotion, including skills in research, analysis, and communication, with skills in the planning and execution of complex initiatives in this field.

## Key course details



### Entry Requirements

Applications with a 2.2 Honours award in any discipline may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).



### Study Hours

Students are expected to attend 2-3 lectures in the evening each week which can range from 1-3 hours. It is recommended that students complete up to 10 hours independent learning per 5 credit module.



### Examination & Assessment

This programme incorporates a variety of continuous assessment methods.



### External Accrediting Body

International Union for Health Promotion and Education.



### On-Campus Attendance

No attendance required.



### Who should apply?

As Healthy Ireland encourages all sectors of society to engage in promoting health, graduates are welcomed from any discipline including but not limited to health science/ health promotion, sport and leisure, education, health and safety, social sciences and childcare. Graduates will be suitably qualified to work in a wide range of health and community settings. Graduates may pursue careers in research, advocacy and policy development including evidence. Other opportunities include careers as health project managers, researchers and as wellness practitioners.

Online

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Online

**Campus:** Sligo

**Total fees:** €6,300

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Concepts & Competencies for Health Promotion

Health Project Management

Quantitative Methods for Health Research

Qualitative & Mixed Methods for Health Research

Statistics and Data Analysis

Health Promotion Practice Thesis

## Course Contacts

### Admissions:

admissions.sligo@atu.ie

### Student Advisor:

Mary Tully: Mary.Tully@atu.ie

Master of Health Science

# International Healthcare Management (National Stream)

This exciting programme has been developed as a response to an identified need in international healthcare for a postgraduate programme which focuses on healthcare management. The purpose of the programme is to prepare healthcare professionals to assume the role of managers and leaders in various health care settings globally.

## Key course details



### Entry Requirements

A primary degree (min 2:2) in Nursing or Healthcare related field. Minimum of three years post-registration nursing/health related experience. Evidence of professional registration where applicable.



### Study Hours

It is recommended that students should try to allow for 10-12 hours per week per 10 credit module to their studies.



### Examination & Assessment

The programme's content is assessed by examinations and continuous assessment.



### On-Campus Attendance

Attendance is required at the St Angelas Campus for 4 days per module.



### Who should apply?

This programme is suitable for nurses, midwives, mental health practitioners, health promotion practitioners, practice nurses, dietitians, physiotherapists, occupational therapists, health science professionals, biomedical scientists, social care workers, and other healthcare professionals.

On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

On-Campus

**Campus:** St Angelas

**Total fees:** €7,200

**Recognition of Prior Learning** ✗

## What will I study?

### Modules

Quality and Healthcare Management

Principles of Healthcare Leadership

Healthcare Ethics

Healthcare Project Management

Managing Finance in Healthcare Organisations

Strategic Management and Leadership

Enhancing Evidence Based Practice

## Course Contact

### Admissions:

admissions.stangelas@atu.ie

## Master of Health Science

# International Healthcare Management (International Stream)

This exciting programme has been developed as a response to an identified need in international healthcare for a postgraduate programme which focuses on healthcare management. The purpose of the programme is to prepare healthcare professionals to assume the role of managers and leaders in various health care settings globally.

### Key course details



#### Entry Requirements

Applicants require a primary degree (min 2.2) in Nursing or any Healthcare related field with a minimum of three years post-registration Nursing / Healthcare related experience.

Language Requirements:

- IELTS Academic Score: 6.0 (a minimum of 5.5 in all bands) See IELTS Academic Test
- Duolingo English Test - A minimum score of 105-115

For full details on the Entry Requirements for this programme please see the course webpage.



#### Study Hours

Full day attendance i.e. 9am to 5pm. It is recommended that students should try to allow for 10-12 hours per week per 10 credit module to their studies.



#### Examination & Assessment

The programme content is assessed by examinations and continuous assessment.



#### On-Campus Attendance

Full day attendance i.e. 9am to 5pm.



#### Who should apply?

This programme is suitable for nurses, midwives, mental health practitioners, health promotion practitioners, practice nurses, dieticians, physiotherapists, occupational therapists, health science professionals, biomedical scientists, social care workers, and other healthcare professionals.

### On-Campus

**Level:** 9

**Credits:** 90

**Duration:** 1 years

**Study Mode:** Full-time

**Delivery Method:**  
On-Campus

**Campus:** St Angelas

**Total fees:** €10,200

**Recognition of Prior Learning** ✕

**ILEP Approved** ✓

### What will I study?

#### Modules

Managing Finance in Healthcare Organisations

Principles of Healthcare Leadership

Healthcare Ethics

Healthcare Project Management

Quality and Healthcare Management

Strategic Management and Leadership

Enhancing Evidence Based Practice

### Course Contacts

#### Course Coordinator:

Seamus Dolan:  
sdolan@stangelas.ie

#### Student Advisor:

Karolina Oracz:  
koracz@stangelas.ie



After working 7 years in the health and fitness industry I felt that a masters was the correct direction for my career. I found a gap in research in both kid's health and women's health and I felt that through physical education and education we could reduce this. I felt that the enthusiasm and support from the college was exactly what I needed in order to pursue this career direction, and so far, it has been a great journey!"

Natasha Kelly

Graduate of the Master of Science in Health Promotion Practice

# Nursing Studies

## Award Options

- **Master of Health Science**
- **Postgraduate Diploma**

The aim of this programme is to facilitate health professionals to develop and augment their knowledge and skills in a manner conducive to the development of their professional practice and become skilled in research and evidence-based practice methodology. The Postgraduate Diploma phase provides a flexible format allowing students to choose from a suite of modules that are relevant to their own clinical and professional practice development. The multi-disciplinary nature of the programme mirrors the current and desired approach to healthcare delivery.

## Key course details



### Entry Requirements

Applicants must be registered as a nurse on the Register held by the Nursing and Midwifery Board of Ireland. Applicants will normally have gained a primary degree (health science/ studies or social science/studies related) Level 8 or evidence of equivalent academic credits. Applicants must also be currently employed in healthcare either in: clinical practice/ management/ research / education. For full details on the entry requirements for this programme please see the course webpage.



### Study Hours

A 10-credit module has a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation.



### Examination & Assessment

In the Postgraduate Diploma phase, most modules are assessed through a broad range of coursework formats. Students also develop a research proposal or an evidence synthesis protocol. In the Master of Health Science in Nursing Studies programme, students undertake a systematic evidence synthesis or a primary research study under supervision.



### External Accrediting Body

NMBI Category 2 Approval.



### On-Campus Attendance

In the Postgraduate Diploma phase, students undertake directed work and attend 2-4 seminar days per module on campus. In the Master of Health Science phase, students attend 3-4 seminar days per semester online.



### Who should apply?

This programme is suitable for nurses interested in advancing their understanding of research and evidence-based practice methodologies. The programme will provide students with the necessary knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 or 3 years

**Credits:** 60

**Total fees:** €6,000

Advanced Research Skills  
Healthcare Ethics  
Quality and Healthcare Management (E)  
Therapeutic Communication (E)  
Behaviours that Challenge (E)  
Autism (E)  
Eating Disorders in Adults and Adolescents (E)  
Assessing & Managing Clients Presenting Following Self-Harm (E)  
Early Intervention for People Who Experience First Episode Psychosis (E)  
Introduction to Cognitive Behaviour Therapy (E)  
Fundamentals of Coaching and Healthy Lifestyle Behaviours (E)  
Historical Perspectives in Disability Studies (E)  
Principles of Healthcare Leadership (E)

### Master of Health Science

**Duration:** 3 or 4 years

**Credits:** 90

**Total fees:** €9,000

Research Dissertation Practicum

(E) = Elective Module.

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

# Palliative and End of Life Care

## Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate**

This programme is tailored for students from a range of professional disciplines to further develop competencies in the field of palliative and end of life care at an advanced level. Students on the Masters programme undertake an applied research project. This programme also offers standalone modules; this gives students the opportunity to study a module of particular interest without undertaking the full programme.

## Key course details



### Entry Requirements

Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and a minimum of one year's experience in delivering a palliative care approach within practice within the last two years. Applicants must be employed for the duration of the course in an area where the principles of palliative care are operationalised. For full details on the Entry Requirements for this programme please see the course webpage.



### Study Hours

Students can expect to allow for 6 hours of study per week.



### External Accrediting Body

NMBI - Nursing and Midwifery Board of Ireland.



### On-Campus Attendance

Attendance is required at the Mayo Campus for workshops over 1.5 days, 4 times in Semester 1 and 4 times in Semester 2. Year 2 is fully online research supervision.



### Who should apply?

This is programme designed for professionals working in areas that cater for people in palliative and/or end of life care. This includes doctors, occupational therapists, physiotherapists, counsellors, social workers, nurses, psychologists, managers and healthcare assistants.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Certificate

**Duration:** 1 semester

**Credits:** 30

**Total fees:** €2,400

Principles of Palliative and End of Life Care  
 Psychosocial, Ethical and Spiritual Care  
 Effective Symptom Management in Life Limiting Conditions (E)  
 Reflective Practice (E)  
 End of Life Care for the Person with Dementia (E)

### Postgraduate Diploma

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Applied Research  
 Bereavement and Loss  
 Clinical Practice Placement (for nurses),  
 Creative Arts in Palliative Care (E)

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

\*Accommodation for residentials is included in the fees.

Dissertation

(E) = Elective Modules

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

Master of Health Science

# Professional Healthcare Studies

This programme offers students a flexible option to use credits already gained at postgraduate Level 9, to return to study for a MHSc award. This is a multidisciplinary programme suitable for registered nurses and allied health and social care professionals. Students will be allocated a supervisor and will partake in individual and group supervision to develop and undertake their research project.

## Key course details



### Entry Requirements

To be eligible for this programme, applicants must have a 60ECTS Postgraduate Diploma at Level 9 in health/disability/social care related studies or equivalent academic credits with an aggregate mark of 60% or above. Additionally, they should have completed a postgraduate Level 9 research module, be registered as a nurse/midwife with the NMBI or on an appropriate allied healthcare professional register, and currently employed in the health/disability or social care delivery sector. For full details on the Entry Requirements for this programme please see the course webpage.



### Study Hours

A 10-credit module has a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation.



### Examination & Assessment

Students will undertake a systematic evidence synthesis or a primary research study under supervision.



### On-Campus Attendance

Students attend 3-4 online seminar days per semester.



### Who should apply?

This programme is suitable for nurses and other allied healthcare and social care professionals interested in advancing their understanding of research methods, knowledge generation for practice and evidence synthesis and translation. Students will develop knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

Blended

**Level:** 9

**Credits:** 120

**Duration:** 1 year

**Study Mode:**
**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Total fees:** €4,750\*\*

**Recognition of Prior Learning** ✓

## What will I study?

### Modules

Research Dissertation Practicum

## Course Contact

### Admissions:

admissions.stangelas@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

Master of Science

# Professional Nursing

The programme provides nurses with a broad-based educational experience to practice at an advanced level incorporating key concepts such as advanced decision making, professional leadership, evidence-based practice, professional ethics, research knowledge and skills.

## Key course details



### Entry Requirements

Applicants must be a registered nurse with the Nursing and Midwifery Board of Ireland and hold a BSc (Hons) or equivalent NFQ Level 8 qualification in nursing or cognate discipline at 2nd class honours award level.



### Study Hours

3 lecture days per module. 13 hours self directed learning weekly.



### Examination & Assessment

100% continuous assessment.



### External Accrediting Body

NMBI Accreditation.



### On-Campus Attendance

Attendance is required at the Letterkenny Campus for 3 lecture days per module, with 2 modules delivered per semester.



### Who should apply?

This programme is suitable for qualified, experienced nurses and midwives who wish to develop their knowledge, skills and competencies.

Blended

**Level:** 9

**Credits:** 90

**Duration:** 2 years

**Study Mode:**
**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Total fees:** €10,800

**Recognition of Prior Learning** ✗

## What will I study?

### Modules

Research Methods for Evidence Based Practice

The Fundamentals of Professional Practice (Nursing)

Leadership and Clinical Decision Making for Advanced Practice

Advanced Practice in Person-Centred Integrated Care

Quality and Innovation

Generating Evidence for Healthcare Practice and Improvement

Advanced Comprehensive Health Assessment [E]

Transforming Professional Practice Through Reflection [E]

[E] = Elective Modules

## Course Contact

### Admissions:

admissions.donegal@atu.ie

# Professional Studies

## Award Options

- **Master of Health Science**
- **Postgraduate Diploma**

The aim of this programme is to facilitate health professionals to develop and augment their knowledge and skills in a manner conducive to the development of their professional practice and become skilled in research and evidence-based practice methodology. The Postgraduate Diploma phase provides a flexible format allowing students to choose from a suite of modules that are relevant to their own clinical and professional practice development. The multi-disciplinary nature of the programme mirrors the current and desired approach to health and social care delivery.

## Key course details



### Entry Requirements

Applicants must be registered on the appropriate allied health professional Register. Applicants will normally have gained a primary degree (health science/studies or social science/studies related) Level 8 or evidence of equivalent academic credits. Applicants must also be currently employed in healthcare either in: clinical practice/ management/ research / education. For full details on the Entry Requirements for this programme please see the course webpage.



### Study Hours

A 10-credit module has a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation.



### Examination & Assessment

In the Postgraduate Diploma phase, most modules are assessed through a broad range of coursework formats. Students also develop a research proposal or an evidence synthesis protocol. In the Master of Health Science in Professional Studies programme, students undertake a systematic evidence synthesis or a primary research study under supervision.



### External Accrediting Body

NMBI Category 2 Approval.



### On-Campus Attendance

In the Postgraduate Diploma phase, students undertake directed work and attend 2-4 seminar days per module on campus. In the Master of Health Science phase, students attend 3-4 seminar days per semester online.



### Who should apply?

This programme is suitable for allied healthcare professionals or midwives interested in advancing their understanding of research and evidence-based practice methodologies. The programme will provide students with the necessary knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 2 or 3 years

**Credits:** 60

**Total fees:** €6,000\*\*

Advanced Research Skills  
 Healthcare Ethics  
 Quality and Healthcare Management (E)  
 Therapeutic Communication (E)  
 Behaviours that Challenge (E)  
 Autism (E)  
 Eating Disorders in Adults and Adolescents (E)  
 Assessing and Managing Clients Presenting Following Self-Harm (E)  
 Early Intervention for People Who Experience First Episode Psychosis (E)  
 Introduction to Cognitive Behaviour Therapy (E)  
 Fundamentals of Coaching and Healthy Lifestyle Behaviours (E)  
 Historical Perspectives in Disability Studies (E)  
 Principles of Healthcare Leadership (E)

### Master of Health Science

**Duration:** 3 or 4 years

**Credits:** 90

**Total fees:** €9,000\*\*

Research Dissertation Practicum

(E) = Elective Modules

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** St Angelas

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

admissions.stangelas@atu.ie

\*\*Fees quoted may be subject to change for academic year 2025/26. Please check programme web pages for confirmation of postgraduate fees.

# Quality and Safety in Healthcare

## Award Options

- **Master of Science**
- **Postgraduate Diploma in Quality and Safety (Health and Social Care)**

This programme equips students with skills such as critical thinking and critical analysis of evidence-based practice that promotes a high-performance culture of reflecting the evolving nature and demands of contemporary health and social care delivery. Graduates of this programme have developed critical understanding of developing and sustaining quality and safe care as relevant to their own professional area.

## Key course details



### Entry Requirements

Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and 1 year full-time relevant work experience which must be in the last five years.



### Study Hours

It is recommended that students allow up to 10 hours per week per 10 credit module for studies.



### Examination & Assessment

A feature of the programme is the strong focus on 'practice' element for the purposes of skills development and assessment. Many of the assessments are applied in nature and are designed to encourage the learner to reflect on their personal professional practice and or organisation and apply their learning to real-time situations.



### On-Campus Attendance

In Year 1, there are a total of 16 days on-site at the Mayo Campus across the academic year (eight 2-day sessions; four in Semester 1 and four in Semester 2). These residential days are typically on Thursday afternoons and all day on Fridays. In Year 2, students undertake a dissertation. Students are allocated a supervisor for the academic year. Supervision meetings dates are agreed by the student and the supervisor and may be held in person or virtually.



### Who should apply?

This programme has been designed for people working across health and social care organisations in administrative and or practitioner roles, who want to expand their skills and qualifications. Graduates will particularly benefit in pursuing a career path in quality management, audit, compliance, general management, governance, and person safety roles.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma in Quality and Safety (Health and Social Care)

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Governance & Compliance for Quality  
Safer Systems  
Quality & Innovation  
Person Safety  
Critical Thinking & Decision Making  
Applied Research

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

\* Residential accommodation is included in the fees.

Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie

# Quality and Safety in Social Care

## Award Options

- **Master of Science**
- **Postgraduate Diploma in Quality and Safety (Health and Social Care)**

This programme equips students with skills such as critical thinking and critical analysis of evidence-based practice that promotes a high-performance culture of reflecting the evolving nature and demands of contemporary health and social care delivery. Graduates of this programme have developed critical understanding of developing and sustaining quality and safe care as relevant to their own professional area.

## Key course details



### Entry Requirements

Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and 1 year full-time relevant work experience which must be in the last five years.



### Study Hours

It is recommended that students allow up to 10 hours per week per 10 credit module for studies.



### Examination & Assessment

A feature of the programme is the strong focus on 'practice' element for the purposes of skills development and assessment. Many of the assessments are applied in nature and are designed to encourage the learner to reflect on their personal professional practice and or organisation and apply their learning to real-time situations.



### On-Campus Attendance

In Year 1, there are a total of 16 days on-site at the Mayo Campus across the academic year (eight 2-day sessions; four in Semester 1 and four in Semester 2). These residential days are typically on Thursday afternoons and all day on Fridays. In Year 2, students undertake a dissertation. Students are allocated a supervisor for the academic year. Supervision meetings dates are agreed by the student and the supervisor and may be held in person or virtually.



### Who should apply?

This programme has been designed for people working across health and social care organisations in administrative and or practitioner roles, who want to expand their skills and qualifications. Graduates will particularly benefit in pursuing a career path in quality management, audit, compliance, general management, governance, and person safety roles.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma in Quality and Safety (Health and Social Care)

**Duration:** 1 year

**Credits:** 60

**Total fees:** €4,800

Governance & Compliance for Quality  
Safer Systems  
Quality & Innovation  
Person Safety  
Critical Thinking & Decision Making  
Applied Research

### Master of Science

**Duration:** 2 years

**Credits:** 90

**Total fees:** €7,200

Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** No

**Delivery Method:**

Blended

**Campus:** Mayo

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

learn.galwaymayo@atu.ie



# Therapeutic Interventions for Alcohol and Other Drugs

## Award Options

- **Master of Science**
- **Postgraduate Diploma**

This programme aims to provide those working in the areas of nursing, health and social care with the skills and knowledge necessary to effectively deal with drugs and alcohol issues. The programme plays a key role in empowering a workforce to respond to and provide systemic alcohol and other drug interventions within a four-tier model of treatment and care.

## Key course details



### Entry Requirements

The minimum entry requirements are a Level 8 Honours degree in a relevant discipline such as Health and Social Care, Nursing, Social Work, Youth Work, Psychology, Medicine etc. Applicants may be required to undertake an interview. Applicants who do not hold the above entry requirements may be considered using ATU's Recognition of Prior Learning (RPL) process.



### Study Hours

Part-time: 3 lecture days per module. 13 hours self directed learning weekly. Full-time: 4 lecture hours per module weekly. 13 hours self directed learning weekly.



### Examination & Assessment

100% continuous assessment.



### On-Campus Attendance

Each academic year requires attendance for 6 Fridays per semester. Students are also required to complete additional blended learning activities via the Virtual Learning Environment.



### Who should apply?

This programme is suitable for those working in the areas of nursing, health and social care seeking the knowledge to effectively deal with drugs and alcohol issues.

## Progression Pathways

Many of our Masters programmes are structured in a way that includes recognised entry and exit awards. This means that you can apply for part of Masters first and learn at your own pace or if you are unable to complete the full programme, you can still gain a recognised qualification. Our entry and exit awards typically include Postgraduate Certificate award and a Postgraduate Diploma award.

## What will I study?

### Postgraduate Diploma

**Duration:** 1 or 2 years

**Credits:** 60

**Total fees:** €4,200

Advanced Research Methods  
Theoretical Foundations in Therapeutic Interventions for Alcohol and Other Drugs  
Alcohol & Other Drug Use: Interventions Practice & Skills 1  
Children & Families: Hidden Harm  
Alcohol Drugs and mental Health: Recovery Approaches  
Alcohol and Other Drugs Use: Interventions Practice & Skills 2

### Master of Science

**Duration:** 1 or 2 years

**Credits:** 90

**Total fees:** €6,300

Research Dissertation

Blended

**Level:** 9

**Study Mode:**

**Part-time:** Yes

**Full-time:** Yes

**Delivery Method:**

Blended

**Campus:** Letterkenny

**Recognition of Prior Learning** ✓

## Course Contact

**Admissions:**

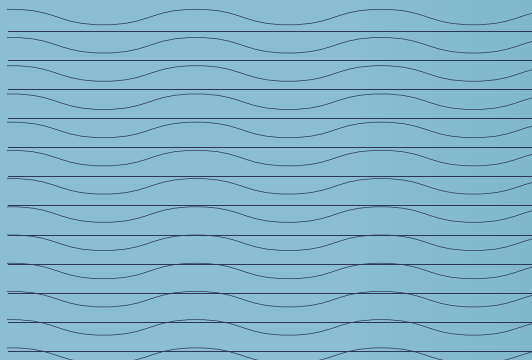
admissions.donegal@atu.ie

# Bealaí larchéime Eile

## Postgraduate Pathways

At ATU we offer a range of major awards (Masters, Postgraduate Diplomas, Postgraduate Certificates, Higher Diplomas) at postgraduate level, as well as short accredited courses that allow you to study flexibly to suit your own professional development or skills needs.

Our Micro-credentials are short, accredited 5, 10 or 15 credit courses, that allow you to choose modules and study areas specific to your development goals, and are typically short in duration and time commitment. These courses are an ideal way to return to education, upskill in a new area, or further develop skills in a flexible manner.



## Postgraduate Certificates

A Postgraduate Certificate offers students the opportunity to gain an accredited qualification at Level 9, which can provide a pathway to further opportunities at Postgraduate Diploma or Masters level. Many of ATU's Postgraduate Certificates are listed alongside additional award options. Below are additional Postgraduate Certificate entry routes available at ATU:

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
<b>Business</b>							
Financial Management & Sustainability	Postgraduate Certificate	9	1 Year	Part time	Online	3390	Sligo
<b>Design, Education and Humanities</b>							
3D Design for Emerging Technologies	Postgraduate Certificate	9	1 Year	Part time	Online	3400	Donegal
Applied Brand Strategy and Identity	Postgraduate Certificate	9	1 Year	Part time	Online	2500	Donegal
Content Creation for AR and VR	Postgraduate Certificate	9	1 Year	Part time	Online	2500	Donegal
Teaching, Learning and Assessment	Postgraduate Certificate	9	1 Year	Part time	Online	2400	Sligo
Research Development and Practice	Postgraduate Certificate	9	1 Year	Part time	Online		Donegal
<b>Engineering and Computing</b>							
Blockchain for Managers	Postgraduate Certificate	9	1 Year	Part time	Online	3600	Galway City
BIM and Lean Construction Management	Postgraduate Certificate	9	1 Year	Part time	Online	3750	Sligo
Road Engineering and Design	Postgraduate Certificate	9	1 Year	Part time	Online	4500	Sligo
Mechanical and Electrical Quantity Surveying	Postgraduate Certificate	9	1 Year	Part time	Online	4500	Sligo
Bridge Engineering	Postgraduate Certificate	9	1 Year	Part time	Online	3000	Sligo
Automotive Artificial Intelligence	Postgraduate Certificate	9	1 Year	Part time	Online	3600	Sligo
Sensors for Autonomous Vehicles	Postgraduate Certificate	9	1 Year	Part-time	Online	4500	Sligo
Strategic Construction Management	Postgraduate Certificate	9	1 Year	Part time	Online	3600	Sligo

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
<b>Science and Health</b>							
Marine Spatial Planning	Postgraduate Certificate	9	1 Semester	Part time	Blended	4000	Galway
Healthcare Analytics	Postgraduate Certificate	9	1 Year	Part time	Online	2400	Mayo
Food Innovation and Entrepreneurship	Postgraduate Certificate	9	1 Semester	Part-time	Blended	2200	Galway City
Health Promotion and Wellness Practice	Postgraduate Certificate	9	1 Year	Part time	Online	2000	Sligo
Health Project Management	Postgraduate Certificate	9	1 Year	Part time	Online	2500	Sligo
Public Health	Postgraduate Certificate	9	1 Year	Part-time	Online	2100	Sligo
Contemporary Healthcare Management	Postgraduate Certificate	9	1 Semester	Part time	Blended	2100	Donegal
Sport Performance Innovation	Postgraduate Certificate	9	1 Semester	Part time	Online	1700	Donegal
Professional Skills for High-Performance Sport	Postgraduate Certificate	9	1 Semester	Part time	Online	1700	Donegal

## Árd-Diplómaí Higher Diplomas

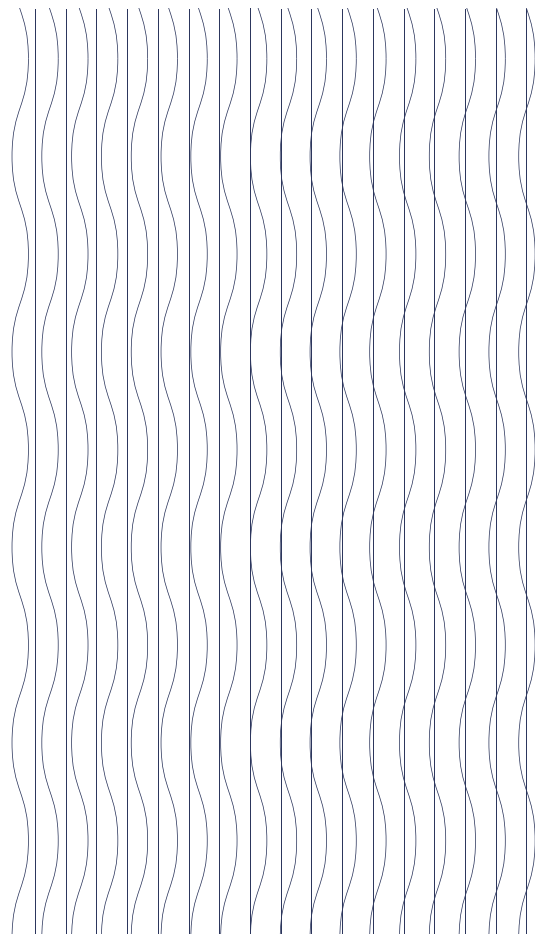
A Higher Diploma is a postgraduate qualification at Level 8, typically offered as one academic year of study upon successful completing of an undergraduate degree. Higher Diplomas may offer students a conversion pathway into a new career or discipline area.

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
<b>Business</b>							
Business Analytics	Higher Diploma	8	1 Year	Full-time	Online	6200	Galway City
Finance and Technology (FinTech)	Higher Diploma	8	1 Year	Part-time	Online	3000	Donegal
Leadership and Wellbeing in the Workplace	Higher Diploma	8	1/2 Years	Full-time/ Part-time	Online	3300	Donegal

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
<b>Design, Education and Humanities</b>							
3D Modelling and Animation	Higher Diploma	8	1 Year	Part-time	Blended	3300	Donegal
Counselling Studies	Higher Diploma	8	1.5 Years	Part-time	Blended	3300	Donegal
Home Economics	Professional Diploma	8	2 Years	Part-time	On-Campus	5980	St Angelas
<b>Engineering and Computing</b>							
Automation and Digital Manufacturing	Higher Diploma	8	1 Year	Part-time	Blended	6000	Galway City
Building Information Modelling	Higher Diploma	8	2 Years	Part-time	Blended	4000	Galway City
Civil Engineering	Higher Diploma	8	1 Year	Part-time	Blended	4000	Galway City
Computing	Higher Diploma	8	2 Years	Part-time	Online	7500	Sligo
Computing (ICT)	Higher Diploma	8	1 Year	Full-time	Online	3000	Donegal
Computing (ICT)	Higher Diploma	8	2 Years	Part-time	Online	3000	Donegal
Computing for Educators	Higher Diploma	8	1–2 Years	Part-time	Online	1200	Donegal Galway City
Cybersecurity Risk and Compliance	Higher Diploma	8	1 Year	Full-time	Blended	6200	Galway City
Data Analytics	Higher Diploma	8	1 Year	Full-time	Online	6750	Galway City
Software Development	Higher Diploma	8	1 Year	Full-time	Online	6750	Galway City
<b>Science and Health</b>							
Food Business and Product Innovation (WBL)	Higher Diploma	8	1 Year	Part-time	Online	3300	Donegal
Medical Science	Higher Diploma	8	2 Years	Part-time	Blended	10000	Galway City
Medical Technology Regulatory Affairs and Quality	Higher Diploma	8	2 Years	Part-time	Online	9000	Sligo

## Short Courses, Micro-credentials and Standalone Modules

ATU offers a comprehensive suite of short accredited courses, aimed at supporting upskilling those in the workforce, who may need to bridge a skills gap. Typically 5, 10 or 15 credits, this method of studying allows you to choose modules to suit professional or personal development goals. Short courses are an idea way to return to education or further develop skills in a flexible manner. For a full list of micro-credentials visit [www.atu.ie/micro-credentials](http://www.atu.ie/micro-credentials)



# Conas Iarratas a Chur Isteach How to Apply

## Before you Apply

Before you apply for a postgraduate course at ATU, we recommend that you research your course, through this prospectus and by viewing the course webpage. Please ensure to check the entry requirements and time commitment involved, as these vary from course to course. You will find details on entry requirements on the individual course webpage.

## When to Apply

Postgraduate courses are popular, and they fill on a first come, first served basis. There are two major intake periods throughout the academic year, September and January.

For January start courses, applications typically open in October, and for September start courses, applications typically open in February. Closing dates for applications are listed on the individual course webpages.

## How to Apply

Applying for a postgraduate course is easy, simply visit the webpage of your chosen course and select the 'apply now' button, and follow the steps outlined.

Each campus has its own application process and for further information on these processes, please visit [atu.ie/apply-now](http://atu.ie/apply-now)

## Please Note

We have taken great care in compiling the information contained in the prospectus, which we believe to be accurate at the time of going to print. However, the provision of programmes, facilities, accreditation, and other arrangements described in the prospectus are regularly reviewed and may with good reason be subject to change without notice. Courses will run subject to sufficient student numbers. We recommend that you check the ATU website [www.atu.ie](http://www.atu.ie) for the most up-to-date information before making an application.

# Máistreacht trí Thaighde Research Masters

A Research Masters at ATU is a unique opportunity for ambitious individuals seeking to deepen their understanding of a particular subject and engage in original research. As a Research Masters student, you will be immersed in an environment that fosters critical thinking, creativity, and independent inquiry. This degree path is ideal for those who aspire to pursue a PhD or embark on a research-intensive career in academia, industry, or the public sector.

## Why choose ATU for your Research Masters

- We compete and win international funding based on excellence and originality.
- We publish at the highest levels in the peer-review system.
- We invent and deliver to market products, processes and systems.
- We inform the design and delivery of our undergraduate teaching with the outputs of our Research, Innovations and Engagement (RIE) activities.
- We graduate externally examined Masters and PhD students.

## Collaboration

Collaboration lies at the heart of ATU's research culture. As a Research Masters student, you will have ample opportunities to collaborate with fellow students, faculty, and external partners on research projects. Much of our research is conducted in collaboration with companies, communities, and other stakeholders in our region. We also participate in large-scale international networks, often bringing companies, communities, local authorities, and others from our region into those networks. These collaborative experiences not only enrich your research but also foster valuable professional networks that can extend beyond your time at ATU.

## Facilities and Resources

ATU provides its Research Masters students with access to state-of-the-art research facilities, laboratories, and cutting-edge technologies. Our university is dedicated to supporting research initiatives, offering extensive resources to foster an environment conducive to innovative exploration. Moreover, our well-stocked libraries and online databases provide students with vast repositories of academic literature and data to enhance their research projects.

For more details, please visit [www.atu.ie/research-and-innovation](http://www.atu.ie/research-and-innovation)

# Riachtanais Lontrála

## Entry Requirements

At ATU, every course is made up of a set of modules or subjects, and each of these has a credit weighting. Credits is a universal term used to quantify learnings in higher education. Courses at ATU follow the ladder structure system and are aligned with the National Framework of Qualifications (NFQ) and the European Credit Transfer and Accumulation System (ECTS). Typically, Postgraduate Certificates are worth a minimum of 30 credits, Postgraduate Diplomas are worth a minimum of 60 credits, and a Masters Degree is worth a minimum of 90 credits. For many of our courses, you can build up these credits to achieve your Masters qualification gradually at a pace that suits you.

If you're thinking about applying for a Postgraduate course at ATU, please make sure to check if you meet the entry requirements listed on the individual course web page. Applicants should have a minimum Level 8 Bachelors Degree qualification to apply for Level 9 Postgraduate or Higher Diploma course.

### Recognition of Prior Learning

Those who do not meet the formal entry requirements, but may have significant formal, non-formal, or informal learning experiences in the industry or subject area, may have the opportunity to apply through Recognition of Prior Learning.

Recognition of Prior Learning (RPL) is a process whereby evidence of learning (formal, non-formal or informal) that has taken place prior to enrolment in higher education is recognised and given value as part of your application process.

A fundamental principle of RPL is that a learner should not be asked to relearn something they already know. With RPL, prior learning can count towards entry, advanced entry, credit or exemptions from modules at ATU.

To apply for Recognition of Prior Learning, please visit [www.atu.ie/rpl](http://www.atu.ie/rpl)

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## le Dul Chun Cinn

## Progression Opportunities

Many of our Masters programmes are structured in a way that allows you to earn a recognised qualification even if you are unable to complete the full programme. We offer two distinct exit points:

- Postgraduate Diploma Level Exit Award
- Postgraduate Certificate Level Exit Award

### Benefits of Exit Awards:

**Enhanced Employability:** Exit awards at both Postgraduate Diploma and Postgraduate Certificate levels add value to your CV showcasing your expertise and dedication to potential employers.

**Progressive Learning:** The benefit of this approach is that students can upskill in specific areas of learning that may be relevant to their career progression goals.

**Seamless Progression:** Should you decide to continue your academic journey at a later stage, the credits earned through the exit awards can often be applied towards completing the full Masters degree, allowing for a seamless progression.

With our exit awards at Postgraduate Diploma and Postgraduate Certificate levels, you can embark on your academic journey with confidence, knowing that we are committed to supporting your success every step of the way.

For more information visit [www.atu.ie/masters](http://www.atu.ie/masters)

# Treoir Ghairme

## Career Guidance

### Careers Service

Our careers team are passionate about finding every student a career and future they will love. They advise on career options and postgraduate studies whilst also assisting with CV and interview skills. Their teams have well established links with local, national and international employers. Throughout the year they organise a range of workshops, careers fairs and employer skills talks.

For further advice on postgraduate study opportunities, careers events and guidance, contact ATU's Careers Service on:

**[careers.donegal@atu.ie](mailto:careers.donegal@atu.ie)**

**[careers.galwaymayo@atu.ie](mailto:careers.galwaymayo@atu.ie)**

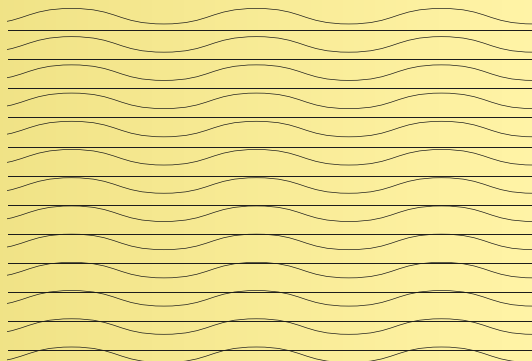
**[careers.sligo@atu.ie](mailto:careers.sligo@atu.ie)**

### MyCareerPath

MyCareerPath is an online 1-to-1 mentoring subscription service available from ATU. Designed for people in the workplace, returners to education, entrepreneurs seeking to upskill and people looking to accelerate their career and progress within their organisation.

For further information and how to subscribe to MyCareerPath, please visit

**[MyCareerPath.ie](https://mycareerpath.ie)**





**For Further Information**

For further details on any of the information contained within this book, please visit [atu.ie/masters](https://www.atu.ie/masters) or get in touch using the contacts below.

**ATU Donegal**

**Phone:** +353 (0) 74 91 86000

**Admissions:** [admissions.donegal@atu.ie](mailto:admissions.donegal@atu.ie)

**ATU Sligo**

**Phone:** +353 (0) 71 91 55222

**Admissions:** [admissions.sligo@atu.ie](mailto:admissions.sligo@atu.ie)

**ATU St Angelas**

**Phone:** +353 (0) 71 91 43580

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**ATU Galway and ATU Mayo**

**Galway:** +353 (0) 91 753 161

**Mayo:** +353 (0) 94 902 5700

**Admissions:** [learn.galwaymayo@atu.ie](mailto:learn.galwaymayo@atu.ie)



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