



Ollscoil
Teicneolaíochta
an Atlantaigh

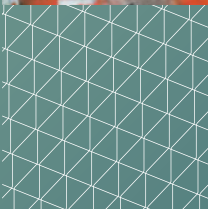
Atlantic
Technological
University

Your Masters Your Way



Postgraduate Prospectus

26
27



**Atlantic
Technological
University**



Galway | Mayo | Donegal | Sligo



Clár

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Welcome to Atlantic Technological University

Fáilte chuig Ollscoil Teicneolaíochta an Atlantaigh

Welcome to the 2026/27 Postgraduate Prospectus

I am delighted to welcome you to our new 2026/27 Postgraduate Prospectus. This prospectus offers a comprehensive overview of the flexible Masters courses and postgraduate pathways available at Atlantic Technological University (ATU), one of the largest multi-campus universities in Ireland.

At ATU, we are proud to be learners, educators, and creators, working together to meet the needs of a rapidly evolving world. Our nine campuses are rooted in our communities across cities, towns, and rural coastal areas, spanning Galway, Mayo, Donegal and Sligo. We are a university that is both local in our heart, yet global in our ambition.

Our impressive portfolio includes more than 120 postgraduate programmes delivered online, on-campus, or through a hybrid blend of both. Designed in collaboration with our industry partners, our programmes are aligned with market needs and future-focused skills. As the leader in flexible learning, we offer dynamic and responsive postgraduate options that empower students at every stage of their journey.

Our Strategic Plan for 2024-2028 sets out the University's guiding lights and include Enabling Education, Engaged Research, Connected Ecosystem, Transformed Organisation and Sustainability. At ATU, we aspire to be a university of scale, quality, and impact, collaborating with regional, national, and international partners to drive progress and innovation. In just a few short years, we have made remarkable strides towards realising this vision. ATU is shaping the future of our communities through excellent education, research and entrepreneurship, alongside a strong commitment to sustainability and social responsibility.

No matter your background, goals, or learning preferences, our university aims to have a learning pathway to suit you. Whether you're looking to pursue a personal passion, advance in your current role, or pivot in your career path, ATU is here to support you. Our teams will welcome you and guide you throughout your journey, ensuring you have every opportunity to fulfil your potential.

Study Your Masters, Your Way, at ATU.



Dr Orla Flynn

Uachtarán/President
Ollscoil Teicneolaíochta an Atlantaigh
Atlantic Technological University

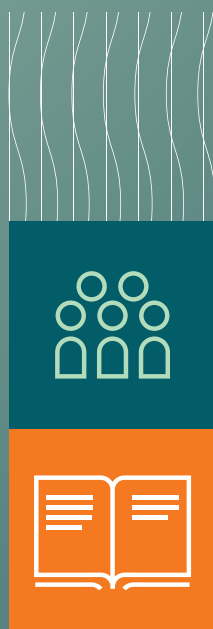


Ollscoil Illchampaís

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.

- **1** Region
- **9** Campuses
- **840+** Programmes
- **10** Research Centres
- **8,500+** Graduates Annually
- **30,400+** Total Students
- **2,600+** Total Staff



- 1** Donegal
- 2** Killybegs
- 3** Sligo
- 4** St Angelas
- 5** Mayo
- 6** Connemara
- 7** Mountbellew
- 8** Galway City, Wellpark Road
- 9** Galway City, Dublin Road



Galway City, Dublin Road

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.

Galway City, Wellpark Road

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).

Mayo

Our Mayo campus offers courses in nursing, social care, early childhood education and care, community development and youth work, sustainability, and outdoor education at 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.

Connemara

Located along a stunning coastline just over an hour from Galway City, our Connemara 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.

Mountbellew

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

Donegal Letterkenny

Letterkenny 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.

Donegal 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.

Sligo

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 offers students the opportunity to advance their career in a flexible and supportive environment.

St Angelas

St Angelas courses are delivered across a range of disciplines including Education, Special Education, Nursing, Health Sciences, and Home Economics. 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.

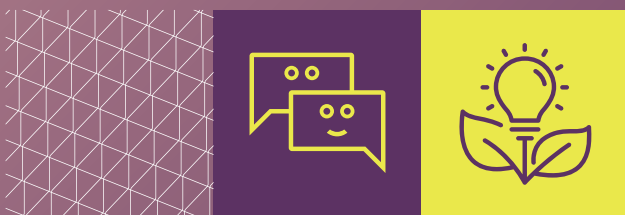
Learn Online

As a leader in online learning, 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.

Ag Roghnú Staidéir
Iarchéime

Choosing Postgraduate Study

Pursuing a Masters degree is a valuable investment in your future, offering the opportunity to develop advanced knowledge and skills that can enhance both your personal and professional growth. A postgraduate qualification allows for deeper academic engagement, intellectual challenge, and a greater understanding of your chosen field. Whether you aim to refine your expertise, expand your career prospects, or explore a passion in greater depth, a Masters degree provides a structured and rewarding way to achieve these goals.



Unlock opportunities with Postgraduate Study

For those completing an undergraduate degree and considering your next steps, postgraduate study offers the chance to build on existing knowledge before entering the workforce. It provides additional time to specialise, undertake research, and develop transferable skills that enhance employability. Many students use this period to refine their career aspirations and gain a competitive edge in an increasingly demanding job market.

Specialise in Your Chosen Discipline

A Masters degree also presents opportunities to specialise further within your discipline. Whether deepening expertise in a particular area, engaging in cutting-edge research, or gaining advanced technical skills, postgraduate study can open doors to niche career paths and academic pursuits. Specialisation can lead to roles in research, consultancy, and industry-specific professions that require a high level of subject knowledge and analytical capability.

Career Progression

For professionals already in the workforce, postgraduate study can provide a route to career progression or the opportunity to return to education to upskill. Many sectors value postgraduate qualifications as a means of demonstrating expertise, leadership, and the ability to adapt to evolving industry demands. Continuing education can also offer professionals a chance to refresh knowledge, stay relevant in their field, and enhance their career trajectory.

Pathways to a New Career

If you are considering a career change, conversion courses offer a pathway into new fields, equipping students with the necessary knowledge and skills to transition successfully. Whether moving into management, data science, healthcare, or another discipline, these structured programmes allow graduates from different backgrounds to access new opportunities and make meaningful career shifts. Many courses also recognise prior learning and professional experience as part of the admissions process, enabling individuals without traditional entry qualifications to pursue postgraduate study and achieve their career goals.

Choosing to pursue postgraduate study is a significant step that can shape your future and open up a world of opportunities. Whether deepening knowledge, advancing in your career, or exploring a new professional direction, a Masters degree provides the tools and experiences needed for success. Thoughtful consideration of your goals, interests, and aspirations will help ensure that your postgraduate journey is both fulfilling and rewarding.

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, visit ATU's Careers Service at atu.ie/careers-service

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

Postgraduate Information Events

ATU hosts a series of Postgraduate Information Events throughout the year, in-person across our campus locations and also 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 atu.ie/masters/events

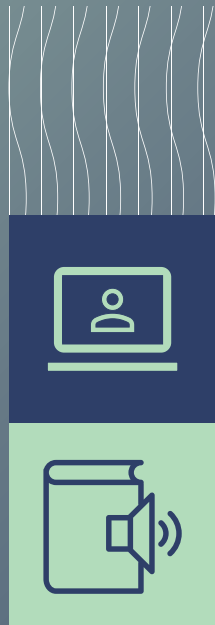


Rochtain agus Cuimsiú

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

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

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.

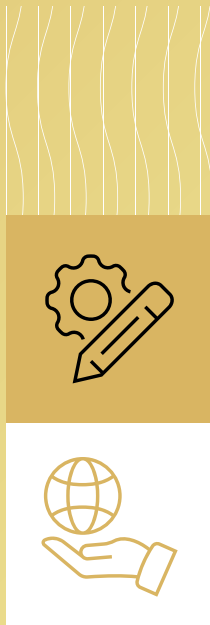
Applicants can use RPL to gain:

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.

For more information on how to apply to a course using Recognition of Prior Learning, please visit www.atu.ie/rpl

Disciplíní in OTA

Disciplines at ATU



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 Social Science

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 of Building 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

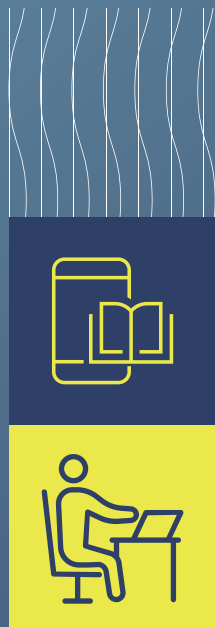
ATU takes pride in offering a spectrum of Masters programmes that span Environmental Science, Life Science, Exercise Science and Nutritional Science. As a testament to our dedication to excellence, we've forged a strategic alliance with the National Institute for Bioprocessing Research and Training (NIBRT).

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.

Do Mháistreacht,
Do Bhealach Féin

Study Your Masters, Your Way

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.



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.

Building Your Postgrad



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

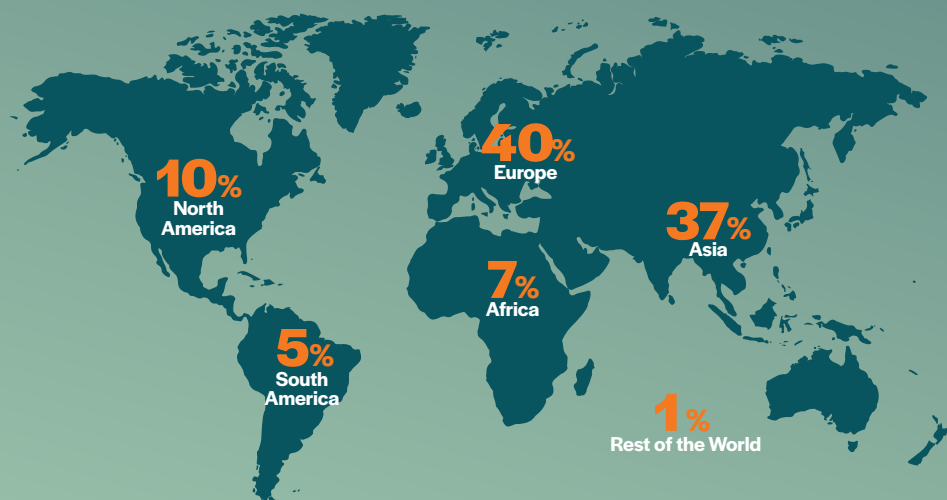
If you're working or have other responsibilities, our part-time postgraduate courses offer the flexibility you need. Spread your studies over an extended period, making it easier to maintain a work-life-study balance.

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.

Domhanda Global

ATU is a multicultural university with over 115 countries represented in the student population. With our campuses located along the Wild Atlantic Way, you can look forward to stunning landscapes, breathtaking views and exciting outdoor adventures when studying on-campus.



115+
Countries
Represented

2166
International
Students

639
Studying at
Postgraduate
Level

**Figures as of July 2025*



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.

**The ILEP will be superseded by the TrustEd Ireland quality mark for student immigration purposes in late 2025. ATU has applied to Quality and Qualifications Ireland (QQI) for use of the TrustEd Ireland statutory quality mark.*

On-Campus Masters

We offer a wide range of on-campus Masters for non-EU/EEA students, across a variety of disciplines. With state-of-the-art facilities, libraries and collaborative spaces, our on-campus programmes provide an enriching and interactive experience where students enjoy the full campus experience. A list of on-campus Masters can be found on pages 18 and 19 of this prospectus.

100% Online Masters

Our 100% online Masters programmes require no campus attendance and no visa, allowing students the flexibility to study from anywhere in the world. Live lectures are recorded so students can watch back at a time that suits them. 100% Online Masters programmes available to non-EU/EEA students are included in this prospectus, indicated by non-EU fees on programme pages.

International Qualification

Our Masters programmes are designed to meet global critical skills shortages, ensuring students gain the knowledge and expertise needed in today's job market. From successful careers to real-world impact research, our graduates have taken their qualifications across the globe.

Visa Requirements

Students who require a visa to commence their on-campus Masters with ATU must apply before strict application deadlines. For more information or to view the application deadlines, please visit atu.ie/international

Stay Back Visa

The Third Level Graduate Scheme provides non-EU/EEA graduates with an opportunity to remain in Ireland for the purpose of seeking graduate level employment. Masters graduates from our full-time on-campus programmes have the option of a two-year Stay Back Visa. Please note, students who complete a 100% Online Masters programme are not eligible for a Stay Back Visa.

Entry Requirements

A wide range of international qualifications and English language qualifications are accepted for admission to Masters programmes in ATU. For more information, please visit atu.ie/international

Support

Our dedicated ATU Global team are here to help with the admissions process and support students throughout their time at ATU. To contact the ATU Global team, please visit atu.ie/international

On-Campus Masters Programmes for Non-EU/EEA students

The following on-campus Masters programmes are available to non-EU/EEA students, as per the The Interim List of Eligible Programmes (ILEP).

Course Title	Award	Campus	Page
Business			
Accounting	Master of Arts	Letterkenny	36
Accounting	Postgraduate Diploma in Business	Galway City	37
Business Analytics	Master of Science	Galway City	40
Business Management	Master of Science	Letterkenny	46
Digital Media and Marketing	Master of Science	Mayo	66
Human Resource Management and Employee Relations	Master of Science	Galway City	50
Marketing	Master of Science	Letterkenny	72
Marketing	Master of Science	Sligo	70
Strategy, Enterprise and Innovation	Master of Science	Letterkenny	58
Design, Education and Social Science			
Creative Practice	Master of Arts	Galway City	80
Creative Practice	Master of Arts	Sligo	76
Social Work	Master of Arts	Sligo	108
User Experience Design and Applied Innovation	Master of Science	Letterkenny	82
Engineering and Computing			
Advanced Manufacturing	Master of Science	Letterkenny	115
Blockchain Technologies and Applications	Master of Science	Letterkenny	138
Computing	Master of Science	Galway City	139
Computing in Big Data Analytics	Master of Science	Letterkenny	142
Computing in Big Data Analytics and Artificial Intelligence	Master of Science	Letterkenny	144
Computing in Cloud Technologies	Master of Science	Letterkenny	146
Computing in Cybersecurity	Master of Science	Letterkenny	148
Computing in DevOps	Master of Science	Letterkenny	150
Cyberpsychology	Master of Science	Letterkenny	154
Data Science	Master of Science	Letterkenny	158
Engineering Management	Master of Science	Letterkenny	126

Course Title	Award	Campus	Page
Engineering and Computing			
Fire Safety Engineering	Master of Engineering	Letterkenny	128
Geotechnical / Structural Engineering – Joint Programme	Master of Engineering	Sligo	130
Healthcare Innovation and Technology	Master of Science	Letterkenny	153
Supply Chain Analytics	Master of Science	Letterkenny	160
Sustainable Supply Chain Operations	Master of Science	Letterkenny	162
Science and Health			
Applied Marine Conservation	Master of Science	Galway City	196
Applied Sport and Exercise Nutrition	Master of Science	Galway City	250
Biopharmaceutical Manufacturing	Master of Science	Galway City	176
Bioprocessing Science	Master of Science	Sligo	180
Clinical Measurement Physiology	Master of Science	Sligo	220
Conservation Behaviour	Master of Science	Galway City	198
Digital Innovation for Sport	Master of Science	Galway City	252
Entrepreneurship and Biopharmaceutical Manufacturing	Master of Science	Galway City	186
Entrepreneurship and Medtech	Master of Science	Galway City	188
Food and Nutritional Product Development	Master of Science	Sligo	254
International Healthcare Management	Master of Health Science	St Angelas	231
International Marine Biological Resources	Master of Science	Galway City	204
International Medical Technologies, Innovation and Development	Master of Science	Galway City	190
Nutrition and Food Sensory Science	Master of Science	Galway City	258
Sport and Clinical Biomechanics	Master of Science	Galway City	261
Strength and Conditioning	Master of Science	Galway City	266

Táillí & Maoiniú

Fees & Funding

Fees vary for each course, and may be subject to change in the 2026/27 academic year. 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



EU Fees/Non-EU Fees

Fees quoted in this Postgraduate Prospectus are quoted as EU fees for the current academic year. Non-EU fees for the next academic year are quoted where non-EU applications are accepted.

Fees quoted for the academic year 2026/27 may be subject to change. Please check the programme webpages for confirmation of postgraduate fees.

Visit 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

In Northern Ireland, contact the Local Education and Library Board, or visit these websites:

www.slc.co.uk

www.studentfinancenl.co.uk

Employer Funded

If your employer is partly or fully funding your course, you will need to organise payment through the 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 and visit the "Personal tax credits, reliefs and exemptions" section for more information.

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

Skillnet

Funding opportunities may be available from Skillnet Ireland to partially fund programme fees. For further information, please visit www.skillnetireland.ie

HSE Training Funding

If you're a nurse or midwife considering upskilling in your career, there are a range of funding opportunities available to support your studies through your local Centre for Nursing and Midwifery Education (CNME) or Nursing Midwifery Planning and Development Unit (NMPDU). Visit the Office of the Nursing and Midwifery Services Director (ONMSD) website for more information: healthservice.hse.ie/about-us/onmsd

Líonra larscoláirí

Alumni Network



Stay Connected for Life

Our 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 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: atu.ie/alumni

Alumni Scholarship

20% Masters Fees Reduction

The 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 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 Masters 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.

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 Angelas 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.

For further details on this benefit, eligibility, how to apply and further terms and conditions, please visit: 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.



New Courses

Available for September 2026

Course Title	Award	Campus
Business Analytics	Master of Science	Galway City, Dublin Road
Digital Professional Accounting	Master of Science	Galway City, Dublin Road
Education Practice	Master of Arts	Galway City, Wellpark Road
Fire Safety Engineering	Master of Engineering	Letterkenny
Responsible Entrepreneurship	Master of Business	Galway City, Dublin Road (in collaboration with Dundalk Institute of Technology)
Sustainability and Climate Reporting	Master of Science	Sligo
Sustainable Supply Chain Analytics	Master of Science	Letterkenny
Advanced Manufacturing	Master of Engineering	Letterkenny
Clinical Nutrition and Dietetics	Master of Science	Sligo
Professional Studies in Special Educational Needs and Inclusive Education	Master of Arts	St Angelas

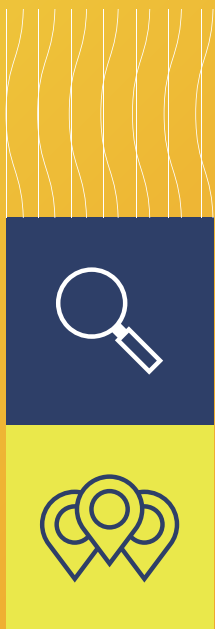
Coming Soon*

Course Title	Award	Campus
Advanced Leadership in Child, Family, and Community Practice	Master of Science	Letterkenny
Applied AI	Master of Science	Letterkenny
Digital Media Design	Master of Arts	Sligo
Electric Vehicle Engineering	Master of Engineering	Letterkenny
Quantity Surveying and Commercial Management	Master of Science	Letterkenny
Science Communication	Master of Science	Galway City
Food Innovation	Master of Science	St Angelas

* Courses may be offered in 2026/27 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
Business			
Accounting			
Accounting	Master of Arts	Letterkenny	36
Accounting	Postgraduate Diploma	Galway City	37
Digital Professional Accounting	Master of Science	Galway City	38
Business Technology and Financial Services			
Business Analytics	Master of Science	Galway City	40
Digital Business	Master of Science	Sligo	42
Governance & IT in Financial Services	Master of Arts	Letterkenny	44
Innovation in FinTech	Master of Science	Letterkenny	45
Management, Leadership and Sustainability			
Business Management	Master of Science	Letterkenny	46
Innovation and Leadership	Master of Business	Letterkenny	48
Leadership and Innovation in the Public Sector	Master of Science	Letterkenny	50
Human Resource Management and Employee Relations	Master of Science	Galway City	52
Professional Leadership	Master of Arts	Sligo	54
Strategic People Management	Master of Science	Sligo	56
Strategy, Enterprise and Innovation	Master of Science	Letterkenny	58
Sustainability Leadership	Master of Science	Mayo	60
Marketing and Tourism			
Sustainable Tourism and Event Management	Master of Science	Galway City	62
Digital Media & Marketing	Master of Science	Mayo	66
Marketing	Master of Science	Sligo	70
Marketing	Master of Science	Letterkenny	72

Course Title	Award*	Campus	Page
Design, Education and Social Science			
Design			
Creative Practice	Master of Arts	Sligo	76
Creative Practice	Master of Arts	Galway City, Wellpark Road	78
Design and Innovation	Master of Science	Galway City	81
User Experience Design and Innovation	Master of Arts	Letterkenny	82
Education			
Education Practice	Master of Arts	Galway City, Wellpark Road	84
Home Economics	Master of Education	St Angelas	85
Home Economics, Nutrition and Health Promotion	Master of Science	St Angelas	88
Contemporary Innovations in Education	Master of Arts	St Angelas	90
Outdoor Education, Sustainability and Wellbeing	Master of Science	Mayo	92
Special Education	Master of Arts	St Angelas	94
Special Education - Autism	Master of Arts	St Angelas	96
Teaching and Learning	Master of Arts	Galway City	98
Learning and Teaching	Master of Arts	Letterkenny	99
Universal Design for Learning	Master of Arts	Sligo	100
Social Science			
Leadership and Advocacy in the Early Years	Master of Arts	Sligo	104
Social Care and Social Justice	Master of Arts	Sligo	106
Social Work	Master of Arts	Sligo	108
Transformative Practices in Equality, Diversity and Inclusion	Master of Arts	Mayo	110

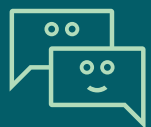
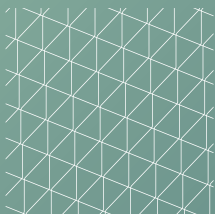
Course Title	Award*	Campus	Page
Engineering and Computing			
Engineering			
Automation and Digital Manufacturing	Master of Engineering	Galway City	114
Advanced Manufacturing	Master of Engineering	Letterkenny	115
Building Information Modelling and Digital Leadership	Master of Science	Galway City	116
Built Environment Regulation	Master of Science	Galway City	118
Circular Economy Leadership for the Built Environment	Master of Science	Galway City	122
Connected and Autonomous Vehicles	Master of Engineering	Sligo	124
Engineering Management	Master of Science	Letterkenny	126
Fire Safety Engineering	Master of Engineering	Letterkenny	128
Geotechnical/Structural Engineering Joint Programme	Master of Engineering	Sligo	130
Project Management	Master of Science	Sligo	132
Quality	Master of Science	Sligo	134
Road and Transport Engineering	Master of Engineering	Sligo	136
Computing			
Blockchain Technologies and Applications	Master of Science	Letterkenny	138
Computing	Master of Science	Galway City	139
Computing (Data Science)	Master of Science	Sligo	140
Computing in Big Data Analytics	Master of Science	Letterkenny	142
Computing in Big Data Analytics and Artificial Intelligence	Master of Science	Letterkenny	144
Computing in Cloud Technologies	Master of Science	Letterkenny	146
Computing in Cybersecurity	Master of Science	Letterkenny	148
Computing in DevOps	Master of Science	Letterkenny	150
Healthcare, Innovation and Technology	Master of Science	Letterkenny	153
Cyberpsychology	Master of Science	Letterkenny	154
Cybersecurity Operations	Master of Science	Mayo	156
Data Science	Master of Science	Letterkenny	158
Supply Chain Analytics	Master of Science	Letterkenny	160
Sustainable Supply Chain Operations	Master of Science	Letterkenny	162

Course Title	Award*	Campus	Page
Science and Health			
Life Science			
Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing	Master of Science	Sligo	166
Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing	Master of Science	Sligo	168
Advanced Therapy Medicinal Products (ATMP) Vector Manufacturing	Master of Science	Sligo	170
BioIndustry 4.0	Master of Science	Sligo	172
Bioinformatics	Master of Science	Letterkenny	174
Biopharmaceutical Manufacturing	Master of Science	Galway City	176
Biopharmaceutical Processing	Master of Science	Sligo	177
Biopharmaceutical Science	Master of Science	Sligo	178
Bioprocessing Science	Master of Science	Sligo	180
CQV Commissioning, Qualification and Validation for Biologics Manufacturing	Master of Science	Sligo	182
End-to-End Sterility Assurance	Master of Science	Galway City	184
Entrepreneurship and Biopharmaceutical Manufacturing	Master of Science	Galway City	186
Entrepreneurship and Medtech	Master of Science	Galway City	188
Industrial Pharmaceutical Science	Master of Science	Sligo	189
International Medical Technologies, Innovation and Development	Master of Science	Sligo	190
Medical Science	Master of Science	Galway City	191
Medical Technology Regulatory Affairs	Master of Science	Sligo	192
Validation and Digitalisation Technologies	Master of Science	Sligo	194
Environmental Science			
Applied Marine Conservation	Master of Science	Galway City	196
Conservation Behaviour	Master of Science	Galway City	198
Environmental Health and Safety (EHS) Management	Master of Science	Sligo	200
Environmental Protection	Master of Science	Sligo	202
International Marine Biological Resources (IMBRSea)	Master of Science	Galway City	204
Sustainability and Climate Reporting	Master of Science	Sligo	206
Water Services Management	Master of Science	Sligo	208

Course Title	Award*	Campus	Page
Science and Health			
Nursing and Health			
Advancing Health and Social Care	Master of Science	Letterkenny	210
Applied Health and Wellness Coaching	Master of Health Science	St Angelas	212
Applied Leadership and Management in Healthcare	Master of Science	Mayo	214
Applied Leadership and Management in Social Care	Master of Science	Mayo	216
Applied Leadership and Management in the Public Sector	Master of Science	Mayo	218
Clinical Measurement Physiology	Master of Science	Sligo	220
Cognitive Behavioural Psychotherapy	Master of Health Science	St Angelas	222
Community Mental Health Nursing	Master of Health Science	St Angelas	224
Gerontology Nursing Gerontology Practice	Master of Science	Letterkenny, Mayo, St Angelas	226
Health Promotion Practice	Master of Science	St Angelas	228
International Healthcare Management (National Stream)	Master of Health Science	St Angelas	230
International Healthcare Management (International Stream)	Master of Health Science	St Angelas	231
Nursing Studies	Master of Health Science	St Angelas	232
Palliative and End of Life Care	Master of Science	Mayo	234
Professional Nursing	Master of Science	Letterkenny	238
Professional Studies	Master of Health Science	St Angelas	240
Quality and Safety in Healthcare	Master of Science	Mayo	242
Quality and Safety in Social Care	Master of Science	Mayo	246
Therapeutic Interventions for Alcohol and Other Drugs	Master of Science	Letterkenny	248

Course Title	Award*	Campus	Page
Science and Health			
Sport, Exercise and Nutrition			
Applied Sport and Exercise Nutrition	Master of Science	Galway City	250
Food and Nutritional Product Development	Master of Science	Sligo	252
Digital Innovation for Sport	Master of Science	Galway City	254
Food Regulatory Affairs	Master of Science	Sligo	256
Nutrition and Food Sensory Science	Master of Science	Galway City	258
Public Health Nutrition	Master of Science	Sligo	260
Sport and Clinical Biomechanics	Master of Science	Galway City	261
Sports Performance Practice	Master of Science	Letterkenny	262
Sports and Exercise Nutrition	Master of Science	Sligo	264
Strength and Conditioning	Master of Science	Galway City	266
Sustainable Food Systems	Master of Science	Sligo	268

Gnó **Business**



Master of Arts

Accounting

There is a growing shortage of accountants in Ireland. Accountants, Auditors, and Tax professionals are consistently on the Irish government's critical skills shortage list. Our Master of Arts in Accounting will enhance your analytical skills and teach you advanced accounting subjects in theory and practice. This course provides postgraduate education and training at the forefront of accounting and accounting-related practice. With the maximum exemptions from ACCA, CPA, CAI and CIMA, our innovative Masters programme is highly successful and has been developed in close collaboration with the Professional Accounting Bodies. With a two-month industry placement and an excellent employment record with the 'Big 4', you can look forward to opportunities in key accounting roles in multinational organisations and practices.

Key course details



Entry Requirements

Level 8 Honours Degree with a specialisation in accounting, second class honours (2.2). If you don't have an Honours degree but have relevant experience you may also be eligible to apply via Recognition Prior Learning (RPL).



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. Graduate careers typically include roles such as Qualified Accountant (ICA, ACCA, CIMA), with the main employers being in the finance sector, FinTech industry, private sector, and public sector.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Tax Practice

Advanced Financial Accounting

Data Analytics

Research Methods

Advanced Finance

Audit Practice

Performance Measurement

Integrated Case Studies in Accounting

IT Applications for the Professional Accountant

Work Based Learning Research Project or Dissertation

**Exit Award Available, Postgraduate Diploma*

Postgraduate Diploma

Accounting

The Postgraduate Diploma in Accounting (PDA), which has been running in ATU since 2010, is designed to fast-track graduates who wish to pursue careers in Accountancy or Taxation. It is a one-year "conversion programme" aimed at non-accounting graduates from disciplines such as Arts, Computers, Education, Engineering, and Science. Business or Commerce graduates, who have not majored in Accountancy, may also find the programme beneficial. This programme includes practical training in computerised accounting packages. The small class size facilitates greater interaction for students with lecturers who are experts in their respective fields; this results in an excellent learning environment.

Key course details



Entry Requirements

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 onsite at the Galway City Campus. Typically lectures are delivered Monday through Friday every week.



Who should apply?

Accountancy offers a defined career path, while offering a range of employment options. This course is primarily designed for those who wish to pursue a career in Accountancy, although you may choose to utilise your accounting knowledge in conjunction with your primary degree. Training as an Accountant offers increasingly varied roles within organisations at the heart of business development.

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:

EU: €4,800

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Business Law

Taxation 1

Ethics, Risk and Corporate Governance

Corporate Law

Taxation 2

Financial Accounting

Management Accounting

Financial Management

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Master of Science

Digital Professional Accounting

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

The minimum entry requirement is a H2:2 in an Accounting or related degree or equivalent.

Equivalency, in this case, means a candidate will hold exemptions from a professional body (CAI, ACCA, CIMA or CPA) at all levels up to the final admitting examinations regardless of the discipline of their primary degree. Equivalency, in this case, also means a candidate will hold exemptions from a professional body (CAI, ACCA, CIMA or CPA) at all levels up to the final admitting examinations and may not hold a primary degree.

There will be a second entry route which the university will strongly encourage. Candidates following this route will have successfully completed the final admitting examinations of a professional body (CAI, ACCA, CIMA or CPA) and may apply for recognised prior learning in accordance with the policy of the University (currently up to 50% of the taught credits of an award).



Examination & Assessment

Students will be assessed using multiple methods of continuous assessment and final examinations.



On-Campus Attendance

Delivery will be a combination of on-campus attendance, online and blended.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

*Fees quoted may be subject to change for academic year 2026/27. Please check the programme web pages for confirmation of fees.

Blended

Level: 9

Credits: 90

Duration: 1 year

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City,

Dublin Road

Total Fees:

EU: €7,200*

Recognition of

Prior Learning ✓

What will I study?

Modules

Business Analytics for Accountants

Strategic Business Leader

Strategic Business Reporting

Advanced Taxation

Advanced Audit and Assurance

Advanced Financial Management

Advanced Performance Management

Sustainability in a Digital World

Digital Research



Business Analytics

Award Options

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

The Master of Science in Business Analytics is an applied programme that provides learners with advanced specialised technical and research skills, as well as competencies in business analytics. Business analytics is the repeated examination of an organisation's data with an emphasis on using statistical analytical tools and techniques to uncover insights to support innovation, decision-making and overall success in assessing and enhancing the performance of vital operations.

Students will be able to lead and implement appropriate analytics solutions to inform decisions in a business environment on complex management, technical and functional areas relating to organisations, products, processes, and services. Students will learn about a range of topics, including: business intelligence, responsible AI, database management for business analytics, data visualisation, and emerging technologies.

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 Business, Business Information Systems, Business or Data Analytics, IT/Computing 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). This RPL process will be conducted to determine applicant eligibility, in line with approved marks and standards.



Study Hours

The average weekly contact hours for this MSc is 12 contact hours (direct contact time with lecturers and module materials) with additional independent learning time. Students have 36 hours of Independent Learning per week in Semester 1 and 2. During the summer when students are working independently on their projects, students have 48 hours of Independent Learning per week. This Independent Learning time may be more or less depending on student aptitude.



Examination & Assessment

Modules include a combination of continuous assessment and exams.



Who should apply?

Graduates from this programme will be in a position to take on a variety of business analytics roles while also equipping graduates with the technical and transversal skills necessary to manage, analyse and explore data that will underpin and sustain the workplace of the future. Graduates will possess skills applicable to a wide array of industry job opportunities.

Graduates can expect to attain employment as a Business Analyst, Business Intelligence Analyst, Operations Analyst, Research & Development roles, and other such roles that involve the implementation of core tools and techniques of modern data professionals.

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 a 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:

EU: €6,200

Modules

Business Analytics and Intelligence
Quantitative Methods
Data Management for Business Analytics
Research Methods
Programming for Business Analytics
Data Visualisation
AI & Emerging Technology
IT Strategy & Governance

**Funding may be available through Springboard+ for the Postgraduate Diploma in Business Analytics*

Masters of Science

Duration: 1 year

Credits: 90

Total Fees:

EU: €7,200

Non-EU: €14,000

Modules

Applied Project

On-Campus

Level: 9

Study Mode:

Part-time: No

Full-time: Yes

Delivery Method:

On-Campus

Campus:

Galway City, Dublin Road

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:

learn.galwaymayo@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 a 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:

EU: €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:

EU: €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:

EU: €7,200

Non-EU: €8,640

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 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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Letterkenny

Total Fees:

EU: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Financial Services Industry

Blockchain Technology and Practice

Principles of Information Systems

Governance Ethics & Regulation

Research Methods

Financial Services Regulation

IT Security, Compliance & Privacy

IT Risk Management & Audit

Work Based Learning

*Exit Award Available
Postgraduate Diploma

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Letterkenny

Total Fees:

EU: €7,200

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

Master of Science

Business Management

This is a specialised Honours Degree programme with a heavy emphasis on the academic aspects of business modules. It is aimed at business professionals who wish to formalise their learning with a national Honours Degree qualification. This programme provides upskilling for those involved in any aspect of business, particularly in the areas of management, marketing, supply chain, eBusiness and finance.

Key course details



Entry Requirements

The minimum entry requirements are a second-class honour (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 for 5-credit module it 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.

Graduate careers typically include roles in Business Development, Human Resources, Marketing, Project Management, and as Trainee Managers. The main employers are graduate start-ups, the IT sector, private and public sectors, and the retail sector.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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

Elective: Work Based Learning Research Project or Dissertation

**Exit Award Available
Postgraduate Diploma*



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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Executive & Professional Education Co-ordinator:

Wendy McGarvey: wendy.mcgarvey@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Letterkenny

Total Fees:

EU: €12,600

Recognition of
Prior Learning ✓

What will I study?

Modules

Organisational Context

Innovation

Managing People & Change

Leadership

Professional Development

The Learning Organisation

Dissertation



I think the fact that I have found an area I truly enjoy it hasn't felt like studying. The programme helped me massively to better understand my weaknesses but most importantly my strengths. Overall the course helped me to strengthen my self-belief and the belief that I am where I need to be on my career journey.

Personally, I learnt how resilient I am and how I need to have the same belief in my abilities as others do! The MBS in Innovation and Leadership is an excellent programme, and I have no doubt the knowledge gained will continue to aid my development both personally and professionally over the coming years.

Chantelle Grant

Graduate - MBS in Innovation and Leadership

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 in 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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Executive & Professional Education Co-ordinator:

Wendy McGarvey: wendy.mcgarvey@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Letterkenny

Total Fees:

EU: €11,700**

Recognition of
Prior Learning X

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



Master of Science

Human Resource Management and Employee Relations

This Chartered Institute of Personnel and Development (CIPD) accredited 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:

EU: €7,200

Non-EU: €14,000

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Competing Perspectives in People Management
Employment Law, Mediation and Negotiation
Human Resource Analytics & Information Systems
Organisational Analysis & Management
Labour Economics and Policy
Employee Relations in an International Context
Research Methods
Strategic Talent Management
Managing Learning & Development
Change and Sustainability
Contemporary Issues in Human Resource Management
Dissertation

Course Contacts

Admissions:

learn.galwaymayo@atu.ie



Having recently graduated with a BA in Commerce, I wanted to build on my foundational knowledge with something that was both academically rigorous and practically grounded.

This course struck that balance perfectly. It's rare to find a programme that addresses the broad scope of people management within organisations, from strategic planning to navigating complex employee relations in an international context. It's distinction as the only course in Ireland to combine both HRM and ER was a major factor in my decision.

Yen McKeown

Student - MSc in Human Resource Management and Employee Relations

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 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 independent learning.



Examination & Assessment

Primarily continuous assessment, with one exam.



On-Campus Attendance

No attendance required, however students are invited to attend the 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 a 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:

EU: €3,000

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

(E) = Elective Module

Master of Arts

Duration: 2 years

Credits: 90

Total Fees:

EU: €9,000

Research Design & Development
Strategic Leadership and Planning
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

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.



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.



External Accrediting Body

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

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 a 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:

EU: €2,400

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

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total Fees:

EU: €4,800

Personal and Professional Effectiveness
Strategic Employee Relations
Strategic Reward Management

Masters of Science

Duration: 2 years

Credits: 90

Total Fees:

EU: €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 Science

Strategy, Enterprise and 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 will support 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

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. Graduate careers typically include roles in Business Development, Human Resources, Marketing, Project Management, and Trainee Management positions.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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

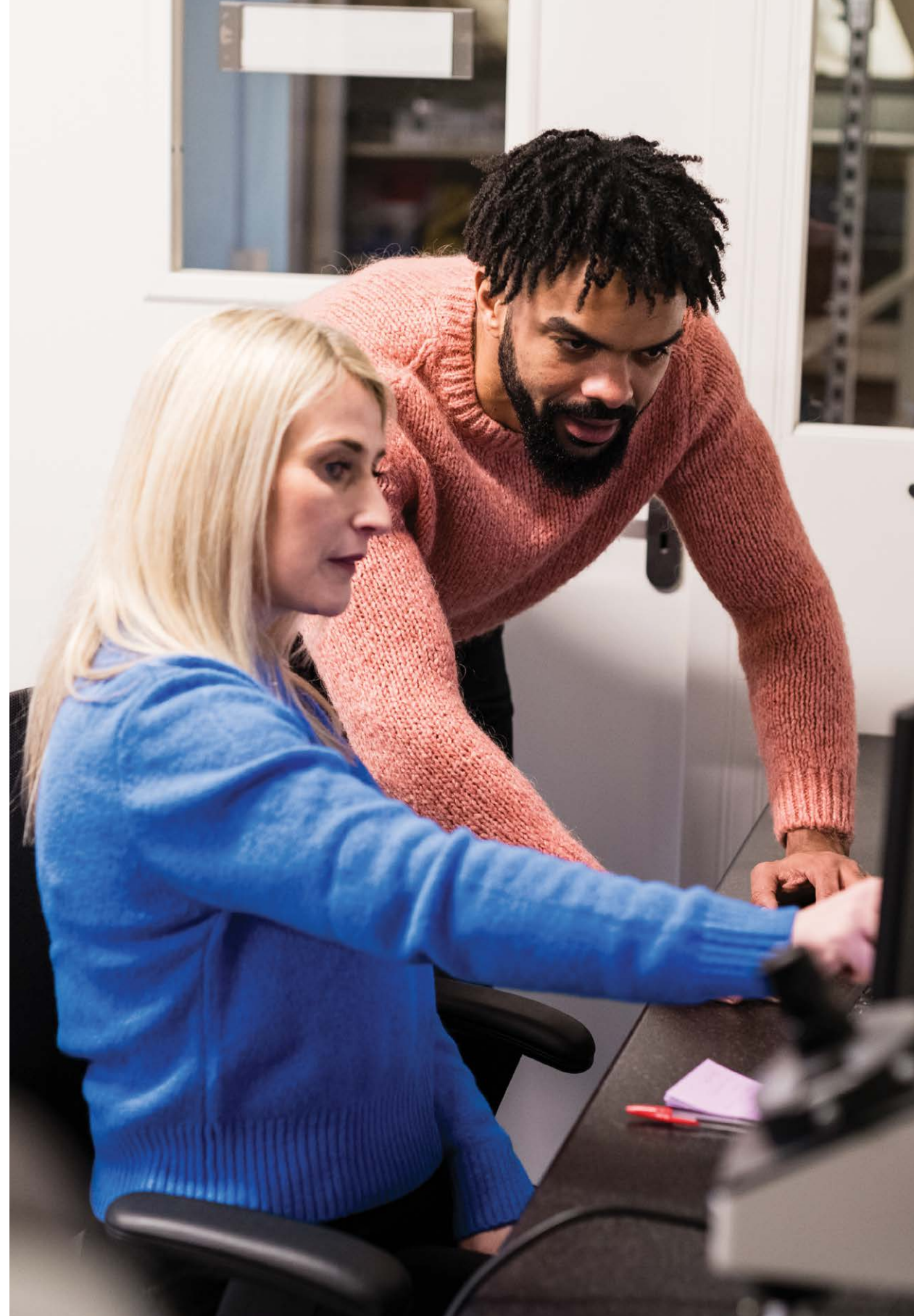
Innovation and the Entrepreneurial Mindset

Ethics, Social Responsibility And Sustainability

Strategic Decision Making

Work Based Learning Research Project or Dissertation

**Exit Award Available
Postgraduate Diploma*



Sustainability Leadership

Award Options

- **Postgraduate Certificate**
- **Master of Science (Progression Route)**

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 (Honours) 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 a 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.

All students will first commence on the Postgraduate Certificate in Sustainability Leadership, and if successful, may transfer to the Master of Science in Sustainability Leadership.

What will I study?

Postgraduate Certificate

Duration: 1 semester

Credits: 30

Total Fees:

EU: €2,400

Understanding the Sustainability Challenges
Assessing the Impact
Sustainability Leadership & Change

Master of Science

Duration: 1.5 years

Credits: 90

Total Fees:

EU: €7,200

Exit: Postgraduate Certificate
Critical Thinking & Decision Making
Strategic Management for Sustainability
Governance for Sustainability
Exit: Postgraduate Diploma
Sustainability Project

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:

learn.galwaymayo@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.



External Accrediting Body

The MSc in Sustainable Tourism and Event Management has been accredited by A Greener Future, recognising its commitment to sustainability and excellence.

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 a 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:

EU: €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

Masters of Science

Duration: 2 years

Credits: 90

Total Fees:

EU: €6,300*

Non-EU: €7,560

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

Duration: 1 Semester

Credits: 15

**Discounted/Part-Funded Places may be available through the National Organic Training Skillnet (NOTS)*

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

Admissions:

admissions.sligo@atu.ie

Student Advisor:

Saoirse Kennedy:
saoirse.kennedy@atu.ie

“

When I was considering taking on further study, the challenge for me was to look at how I was going to balance everything, work and life. The flexibility of this course is actually one of the reasons that I chose it - it was completely online and it made it accessible. What really stood out to me was the lecturers. They were so approachable if you were working on assignments, taking one-to-one meetings and working through things with you.

My advice to anyone who's considering studying this course or another course at ATU would be to work on the why. Why do they want to study it? And what are they looking to get out of it? When taking on a masters or postgraduate, there's going to be work involved, but in a sustainability-related course, there's potential there for huge impact.

Arlene Gibbs

Graduate - MSc in Sustainable Tourism and Event Management



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 selfstudy 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 a 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:

EU: €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:

EU: €7,200

Non-EU: €14,000

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

“

I chose this course because I wanted to upskill from my undergraduate, which was in journalism. I wanted to become more attractive to the fast-moving media world that is digital media marketing. What I liked about the course was the flexibility. I was working full-time at the time, so I was a small bit apprehensive, but it was very flexible.

Ger Flanagan
Graduate - MSc in Digital Media and Marketing



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 a 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:

EU: €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:

EU: €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:

EU: €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:

EU: €7,200

Non-EU: €14,000

Dissertation or Capstone Project

Online

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:

Saoirse Kennedy:
saoirse.kennedy@atu.ie

Master of Science

Marketing

The way in which marketers communicate with their target audience has always evolved, especially with the proliferation of technology. This programme is built around the application and practice of evolving marketing ideas. With a focus on Data Analytics and Advanced Digital Marketing, students will also study Omni-channel Marketing Communications and Consumer Behaviour to further strengthen the focus on the customer, focusing on the most up to date consumer analysis tools. 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. If you don't have honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



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. Graduate careers typically include areas such as brand promotion, customer relations, digital marketing, international sales and marketing, market research, online marketing, product development, and strategic marketing.

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:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Driving Marketing In SME's

Data Analytics

Research Methods

Omni-Channel Marketing Communications

Advanced Digital Marketing

Innovation & The Entrepreneurial Mindset

Managing Sales

Shaping Consumer Behaviour

Work Based Learning Research Project or Dissertation

Course Contacts

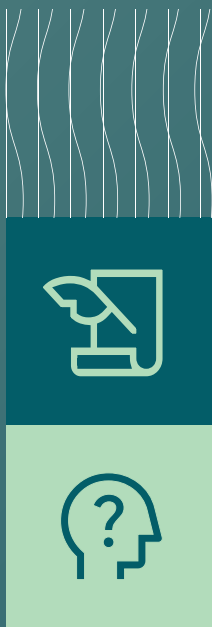
Admissions:

admissions.donegal@atu.ie



Dearadh, Oideachas &
Eolaíocht Shóisialta

Design, Education & Social Science



Creative Practice

The MA in Creative Practice, the magic happens where disciplines meet. Writers, performers, designers, artists, and architects collaborate, challenge, and inspire each other, forging bold new creative directions. With expert supervision and 60 credits dedicated to your creative practice, you'll develop pioneering work in your field while drawing inspiration from cross-disciplinary conversations. Our students showcase their work to public audiences, turning Sligo into their creative laboratory. Learn from leading industry professionals and engage with internationally acclaimed artists, designers, and performers. Set in Ireland's culturally rich northwest, this MA is for practitioners ready to push their craft further while discovering unexpected creative dialogues. Your practice deepens. Your creative thinking expands.

Key course details



Entry Requirements

This MA is designed for those with an Honours Degree (2:2 minimum) in a cognate area. All candidates are required to submit a brief 300-word Statement of Intent. All Candidates must also upload either a portfolio of selected work or a sample of writing up to 1,000 words. Please note: You may be called to an interview. We may ask you for additional information about your work.



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:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Introduction to Dissertation

Place, Space and Culture

Creative Practice Research Methods

Interdisciplinary Craft and Technique

Yeats Academy Creative Practice Specialisation

Yeats Academy Creative Practice Dissertation

Course Contacts

Admissions:

admissions.sligo@atu.ie



I was looking for a space where I could explore my creative practice in depth. I felt the course at ATU offered a good mix of self-directed learning and practice-based research. This course transformed my creative practice. It pushed me to be more reflective, and to back up my creative practice with solid research and critical thought. It also made me more confident in experimenting with different media.

My final project was titled, "The Space Between", and it was a multi-sensory installation with light and sound being centric elements. It explored the concept of liminal space, specifically how psychological experiences of transition, particularly through loss and grief, can be expressed as a physical space. I had lots of support, especially from the technical team at ATU because my installation was using sound and light – things that I had never really used before.

Karen Keaney

Graduate – MA in Creative Practice, Sligo

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 a 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: 1/2 years

Credits: 60

Total Fees:

EU: €4,200

Themes and Issues in Creative Practice
Professional Development
Research and Innovation
Creative Practice Project

Master of Arts

Duration: 1/2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

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 Rd.

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie



In my programme, I'm surrounded by all kinds of artists. It's been a truly rewarding experience to see how other artists approach their own practice and I'm learning so much in so many unexpected ways. I've been very busy but honestly, I'm thriving. A year ago, I was back in the States, the industry I was working in was on strike, and I knew I needed a change. Coming to ATU has given me the tools I need to do what I want with my life.

There's an expectation of self-motivation for students. The lecturers are great; I like that they are there to guide us, not inundate us with information that we may not retain due to sheer volume. I find it refreshing, personally. It reminds me that I am capable, and any resource I need is there, I just have to ask for it.

Katherine Smeraldo
Student – MA in Creative Practice, Galway City

Master of Science

Design and Innovation

Awarded Best Masters Programme at the Education Awards 2022, this part-time, blended Masters programme is designed to develop key skills in innovation, design, management and leadership. 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.

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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:

EU: €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

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 a 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:

EU: €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:

EU: €7,200

Non-EU: €14,000

Work Based Learning Project

Online

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Letterkenny

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:

admissions.donegal@atu.ie

Master of Arts

Education Practice

The programme is aimed at qualified post-primary professional teachers who wish to pursue a Level 9 qualification and also develop and enhance their teaching through research, practice and reflexivity. The programme is designed to enable practising teachers to achieve a Masters award by undertaking a 2-year part-time programme. Participants on the programme will apply newly acquired, innovative teaching methodologies in their classrooms and use those classrooms as a site of their practitioner research, adopting an action research methodology.

Key course details



Entry Requirements

Candidates must be qualified post-primary teachers, holding an Honours Degree in Education (H2.2) award or equivalent. Candidates must also have access to a classroom setting for applying programme learning and undertaking action research assignments. International applicants must hold an equivalent teacher education qualification. Practising teachers may also apply for entry to the programme via ATU's Recognised Prior Learning (RPL) process.



Study Hours

There will be a minimum of 5 contact hours per week during the taught stage of the programme. For the Thesis in Education module (Stage 2) this will reduce to 2-3 hours. Outside of contact hours, learners are expected to undertake up to 12 to 15 hours independent learning, teaching practice, and research per week. The delivery mode and assessment strategy are designed to enable learners to complete coursework during the academic breaks in school calendars.



Examination & Assessment

Programme delivery is characterised by inquiry-based learning, problem-based learning, collaborative learning, mentoring pairs/triads, mentoring circles, and digital teaching and learning. Lecturers model a number of active teaching and learning strategies that learners are encouraged to adapt and appropriately apply in their professional contexts.



On-Campus Attendance

At certain points on the programme, students may be invited to attend on campus for specific workshops and professional development opportunities.

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus:

Galway City, Wellpark Road

Total Fees:

EU: €7,200

Non-EU: €8,640

Recognition of

Prior Learning ✓

What will I study?

Modules

Practitioner Research Methods

Thesis in Education Practice

Elective Modules

Leadership in Education

Innovation and Technology in Teaching

Professional Practice Eportfolio

Inclusivity in Education

Wellbeing in Education

Climate Action and Sustainable Development Education

Course Contacts

Admissions:

learn.galwaymayo@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.

Course Contacts

Admissions: admissions.stangelas@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: St Angelas

Total Fees:

EU: €7,200

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

“

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 – MEd in Home Economics



Home Economics, Nutrition and Health Promotion

Award Options

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

This fully online, one year full-time or two years 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 MSc 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 MSc 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 MSc 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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

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 a 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:

EU: €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:

EU: €3,600

Students complete four modules of those listed. The advanced research module is also offered as one of these modules.

Master of Arts

Duration: 3 years

Credits: 90

Total Fees:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

Master of Science

Outdoor Education, Sustainability and Well-being

This unique programme is the first post-graduate 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 in our 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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9**Credits:** 90**Duration:** 2 years**Study Mode:****Part-time:** Yes**Full-time:** No**Delivery Method:**

Blended

Campus: Mayo**Total Fees:****EU:** €7,200**Recognition of Prior Learning** ✓

What will I study?

Modules

Education for Sustainability

Applied Research

Experiential Learning,
Landscape and Place

Research Cycle

Dissertation / Applied Research
Project

Special Education

Award Options

- **Postgraduate Diploma**
- **Master of Arts (Progression Route)**

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 completed the professionally accredited Postgraduate Diploma in Special Education. 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 for the Postgraduate Diploma in Special Education, 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

The Postgraduate Diploma in Special Education is assessed through continuous assessment based on a variety of assessment methods. In Year 2 (Master of Arts), 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 Diploma in Special Education includes a block release from school/ centre for a total of eight weeks for face-to-face lectures at the 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. In Year 2 of the Masters of Arts (Progression route), 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 and Youth. 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 a 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.

All students will first commence on the Postgraduate Diploma in Special Education, and if successful, may transfer to the Master of Arts in Special Education.

What will I study?

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees: Department of Education and Youth 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:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

Special Educational Needs - Autism

Award Options

- **Postgraduate Diploma**
- **Master of Arts (Progression Route)**

This programme is offered in partnership with the National Council for Special Education (NCSE) and the Special Education Section of the Department of Education and Youth (DEY) for registered teachers of Autistic students. 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 completed the professionally accredited Postgraduate Diploma in Special Educational Needs - Autism. 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 Autistic students or will be working with Autistic students 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. In Year 2 of the Master of Arts (Progression route), the Advanced Research module 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 Autistic students or will be working with Autistic students 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 a 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.

All students will first commence on the Postgraduate Diploma in Special Education - Autism, and if successful, may transfer to the Master of Arts in Special Education - Autism.

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total Fees:

EU: €1,200*

Students complete all four modules listed below:

Understanding Autism: Theoretical Perspectives and Implications for Practice.

Engaging Autistic Students: Assessment and Planning for Teaching and Learning.

Autistic Students: Teaching Approaches.

Supporting Autistic Students with reference to Emotional Regulation and Promotion of Positive Behaviour.

Master of Arts

Duration: 3 years

Credits: 45

Total Fees:

EU: €4,300

Advanced Research
Dissertation

* All elements within each module are funded by the Special Education Section of the Department of Education and Youth 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.

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 3 years

Study Mode:
Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Galway City

Total Fees:
EU: €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

Digital Teaching and Learning

Recognition of Prior Learning (RPL) Assessment

Assessment and Feedback

Mentoring

Professional Development Framework Portfolio (PDFP)

Postgraduate Supervisory Skills

UDL Curriculum Design

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Letterkenny

Total Fees:
EU: €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.

Award Options

- **Postgraduate Certificate**
- **Master of Arts (Progression Route)**

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 a 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.

All students will first commence on the Postgraduate Certificate in Universal Design for Learning, and if successful may transfer to the Masters of Arts in Universal Design for Learning.

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total Fees:

EU: €2,400

Understanding the UDL Framework
Implementation of UDL to Support Student Learning

Master of Arts

Duration: 2 years

Credits: 90

Total Fees:

EU: €7,200

Non-EU: €8,640

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

“

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 – MA 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 a 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:

EU: €4,800

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

Master of Arts

Duration: 2 years

Credits: 90

Total Fees:

EU: €7,200

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

Award Options

- Postgraduate Diploma
- Master of Arts (Progression Route)

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 a 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.

All students will first commence on the Postgraduate Diploma in Social Care and Social Justice, and if successful may transfer to the Masters of Arts in Social Care and Social Justice. Students are required to obtain a 50% average across the Postgraduate Diploma to be considered for progression to the MA programme.

What will I study?

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total Fees:

EU: €4,800

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:

EU: €7,200

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

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 Contacts

Admissions: admissions.sligo@atu.ie

On-Campus

Level: 9

Credits: 120

Duration: 2 or 4 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

On-Campus

Campus: Sligo

Total Fees:

EU: €9,000

Non-EU: €14,000

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
For the full list of Modules, please visit the programme webpage



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 a 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:

EU: €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:

EU: €7,200

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

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Mayo

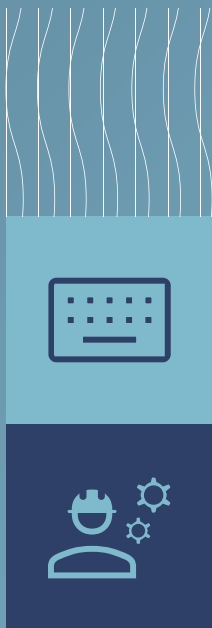
Recognition of Prior Learning ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Innealtóireacht & Ríomhaireacht **Engineering & Computing**



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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Student Advisor: Eileen O'Hara: 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

Total Fees:

EU: €6,300

Non-EU: €7,560

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

Master of Engineering

Advanced Manufacturing

The aim of this programme is to produce graduates who will be able to demonstrate mastery of the knowledge, skills and tools required for the development of advanced Industry 4.0-compliant manufacturing systems. They should be able to apply creativity in the design of systems, components and processes involved in product design for automation, cyber-physical systems, and IoT control of industry processes. Graduates would expect to find employment in several types of organisations: within large companies in a structured role and in small development companies in a more flexible role. The main aim of the programme is to give students training and qualifications for careers in advanced and modern manufacturing industries.

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. 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 as established by the Programme Board for the programme in question and as approved by the Registrar.



Study Hours

Typically, each module requires 4 hours of contact and 11 hours of independent study per week, on average. Depending on whether the course is studied in Full-Time (FT) or Part-Time (PT) mode, a student will complete between 1-3 modules per semester.



Examination & Assessment

A range of assessment methods may be used, including: Individual Assignments; Group Assignments; Online class/lab tests; Presentations/demonstrations.



On-Campus Attendance

This course is on campus with a mix of theory and practical classes, combined with additional resources online.



Who should apply?

This programme is suitable for recent engineering graduates who wish to extend their education and enhance their employability by gaining advanced knowledge in smart manufacturing, automation, and data-driven decision-making. It is also ideal for early to mid-career professionals (including production technicians, quality assistants, and maintenance staff) who are looking to transition into engineering, supervisory, or management roles.

Blended

Level: 9

Credits: 90

Duration: 1 year

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: Letterkenny

Total Fees:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

What will I study?

Modules

Industrial Internet of Things (IIoT) & Cyber Physical Systems (CPS)

Data Science & Machine Learning

Virtual Manufacturing & Digital Twins

Digital Inspection & Quality Assurance

Manufacturing Automation

Sustainable Manufacturing Systems

Dissertation

Course Contacts

Admissions:

admissions.donegal@atu.ie

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 a 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:

EU: €2,000

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:

EU: €4,000

Build Digital Applied Work-Based
Research Project

Master of Science

Duration: 2.5 years

Credits: 90

Total Fees:

EU: €6,000

Build Digital Thesis

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

Eileen O'Hara:

eileen.ohara@atu.ie

Built Environment Regulation

Award Options

- **Master of Science**
- **Postgraduate Diploma in Science**
- **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 a 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:

EU: €2,000

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

Postgraduate Diploma in Science

Duration: 1 or 2 years

Credits: 60

Total Fees:

EU: €4,000

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:

EU: €6,000

Built Environment Thesis

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

Eileen O'Hara:

eileen.ohara@atu.ie

“

All the modules in this course have been very beneficial in my job. I work in housing in Cork County Council and Building Regulations are a big part of my job. You come across various different houses and apartments, and the fire regulations modules have helped me a lot in my role. To anyone considering studying this course, my advice would be go for it.

David Mangan
Graduate – PG Dip 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 a 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:

EU: €2,000

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total Fees:

EU: €4,000

Applied Circular Built Environment Work-Based Research Project

Master of Science

Duration: 3 years

Credits: 90

Total Fees:

EU: €6,000

Non-EU: €7,200

Circular Built Environment Thesis

Online

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

Eileen O'Hara:

eileen.ohara@atu.ie

Connected and Autonomous Vehicles

Award Options

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

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 a 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:

EU: €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:

EU: €10,800

Non-EU: €12,960

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 Duddy:

niamh.duddy@atu.ie

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

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Student Advisor: Tricia Fitzpatrick: tricia.fitzpatrick@atu.ie

On-Campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

On-Campus

Campus: Letterkenny

Total Fees:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Process Analysis and Improvement

Operations and Supply Chain Management

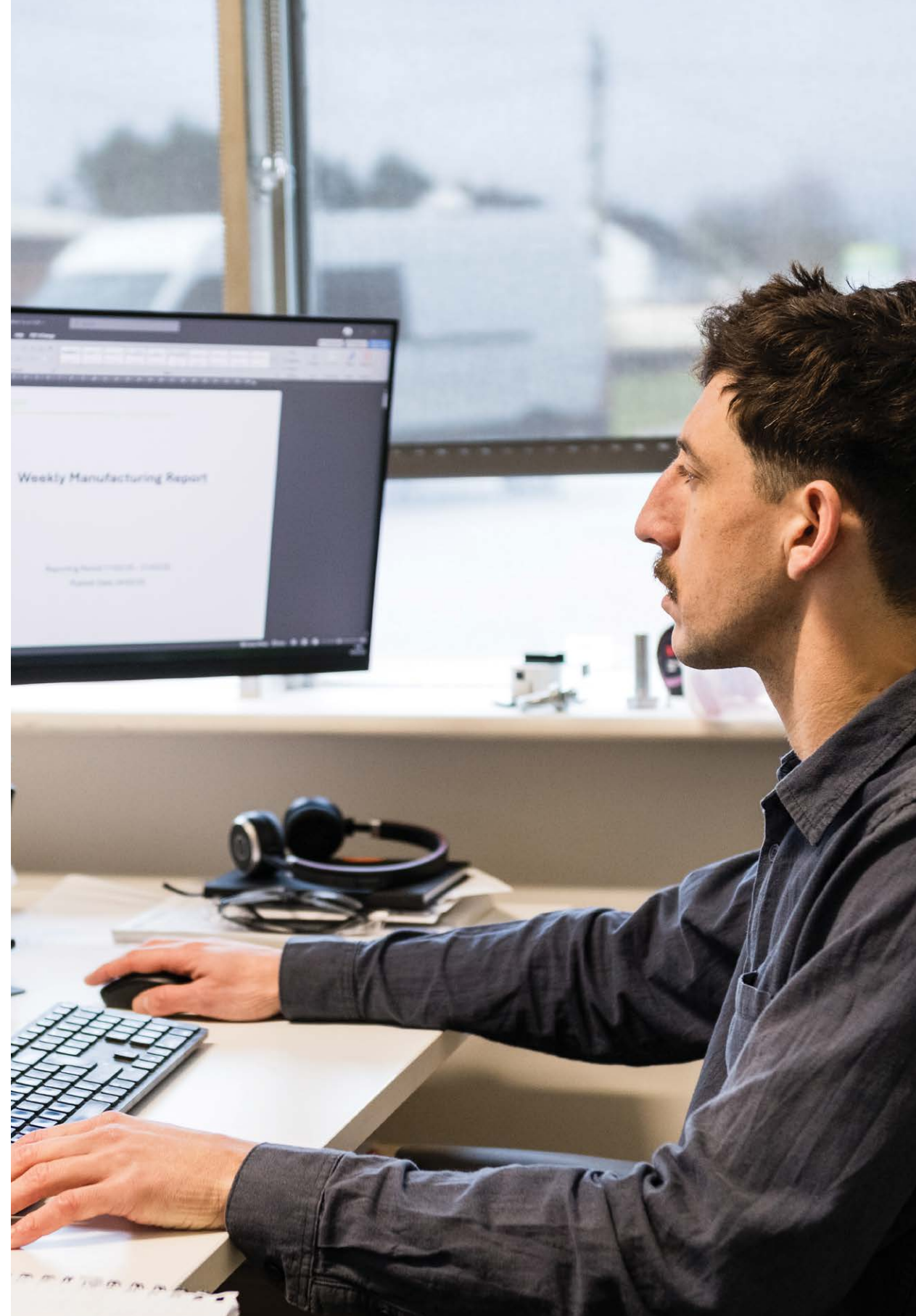
Data Analytics & Visualisation

Strategic Leadership

Project Management

Research Practice

Dissertation



Fire Safety Engineering

Award Options

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

This programme equips learners with the advanced scientific and practical expertise needed to navigate the complex world of fire safety engineering. Learners will develop the ability to critically evaluate fire phenomena, design and assess innovative safety solutions, and lead with ethical and environmental responsibility. Through a multidisciplinary lens, learners will sharpen their analytical, research, and communication skills, empowering them to collaborate effectively across engineering and construction sectors. The programme also fosters creative problem-solving, informed decision-making, and financial insight, all within the context of real-world fire safety challenges. Learners will be engaged through a mix of lectures and tutorial class exercises, with problem-based learning activities, led by academics with fire safety industry experience. Professional and enterprise collaboration will be facilitated through guest lecturers and site visits where appropriate. By the end of the programme, participants will be prepared to contribute meaningfully to the field, drawing on a robust foundation of scientific knowledge, practical experience, and critical thinking.

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.



Examination & Assessment

Assessment of modules will be via a mix of in-house final examinations and continuous assessment. In six of the modules there are in-house final examinations. Three of the modules, including Research Dissertation, are via 100% continuous assessment. A range of continuous assessment methods may be used, including, individual assignments, group assignments, in-house/blended class/laboratory tests, and presentations/demonstrations. The Research Dissertation will allow learners to integrate and apply their fire safety engineering knowledge and competences gained in Stage 1 modules. With tutor support and peer learning, learners will undertake capstone research in their chosen area of fire safety engineering.



On-Campus Attendance

This programme is delivered on campus in Letterkenny and is offered both part-time and full-time. Part-time learners can expect to attend lectures on campus for 1 day per week, while full-time learners will attend lectures for 2 days per week. Additional on-campus practicals will also be scheduled in the first semester, as part of the Fundamentals of Fire Dynamics module.



Who should apply?

Our Fire Safety Engineering postgraduate courses are a part of a specialised programme allowing construction and engineering Level 8 graduates to be able to apply the principles, techniques, and advanced knowledge related to fire safety and fire protection engineering.

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 a 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:

EU: €2,100

Fundamentals of Fire Dynamics
Legal Framework & Professional Ethics
Prescriptive Fire Safety Design
Fire Safety Systems Design

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees:

EU: €4,200

Fire & Evacuation Modelling
Construction Financial Management
Performance Based Fire Safety Design
Fire Safety Construction Practices

Master of Engineering

Duration: 18 months

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Research Dissertation

On-Campus

Level: 9

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

On-Campus

Campus: Letterkenny

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:

admissions.donegal@atu.ie

Geotechnical and Structural Engineering

Award Options

- **Master of Engineering**
- **Postgraduate Certificate**

This part-time online programme provides postgraduate training for Level 8 degree qualified professional and graduate Civil Engineers who require upskilling and higher education in the areas of 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. Graduates of the programme can work as design or site engineers in the areas of Geotechnical / Structural Engineering at a level of responsibility appropriate to the increasingly complex and technical roles currently required by industry. The programme aims to provide upskilling to existing civil engineers working or intending to work in the Geotechnical / Structural Engineering domains. It also aims to provide 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. This is particularly relevant to Level 8 Civil Engineering graduates already in employment who wish to become Chartered Engineers.

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 Postgraduate Certificate 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. Please visit the programme web pages for more details of study hour requirements.



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 a 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.

Graduates of the online Level 9 Postgraduate Certificate in Geotechnical & Structural Engineering are eligible to progress to the thesis component of the MEng. On completion of the programme the student will be awarded an MEng in Geotechnical Engineering with Structural Engineering if their research thesis is primarily focused on Geotechnical Engineering or an MEng in Structural Engineering with Geotechnical Engineering if their research thesis is primarily focused on Structural Engineering.

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total Fees:

EU: €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:

EU: €9,000

Non-EU: €14,000

MEng Research Thesis

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:

Sallyanne Downes:

Sallyanne.Downes@atu.ie

Project Management

Award Options

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

This programme is designed for graduates or professionals who are interested in becoming involved in developing their skills and competencies in project management. It offers graduates a broad skills base for the profession in Project Management by both academic learning and practical experience. The programme 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. The evolving international economic climate means that the role of the Project Manager is in high demand as both public and private clients are pursuing the agenda of obtaining value for money and successful project delivery by seeking Project Managers with a formal qualification in Project Management. The emphasis is on developing their expertise as a Project Management professional, providing the participant with the tools, methods, knowledge and skills necessary for successful project delivery, where adaptability, flexibility, creativity and innovation being a critical parts of a successful Project Manager.

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 a 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:

EU: €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:

EU: €9,000

Non-EU: €10,800

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

Master of Science

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.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Kevin Colonna: kevin.colonna@atu.ie

Online

Level: 9

Credits: 60

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Sligo

Total Fees:

EU: €9,000

Non-EU: €10,800

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



Road and Transport Engineering

Award Options

- **Master of Engineering**
- **Postgraduate Diploma in Engineering**
- **Postgraduate Certificate (Road Engineering and Design)**

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 a 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:

EU: €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:

EU: €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:

EU: €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

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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

Master of Science

Computing

This programme enables new graduates and established computing professionals to develop advanced thinking and technical know-how in a range of interrelated technology-centric disciplines. The programme is designed provide you with cutting-edge theoretical and practical skills in emerging disciplines of computing. The knowledge and skillset that you will receive from this programme will help supercharge your career as an IT professional. The programme contains a mix of taught and research modules and places a strong emphasis on honing practical skills. Depending on the modules that you select, you can expect to spend much of each week working on practical computing problems in cloud-based environments using languages like Java, JavaScript, C and Python. Each of the course modules involves the use of modern and AI-enabled computing environments and programming libraries.

Key course details



Entry Requirements

A Level 8 major award in computing (software development) or computer engineering (with a significant level of software development). For non-native English speakers a minimum IELTS score of 6.0 is required.



Study Hours

Students can expect to study 15-20 hours per week.



On-Campus Attendance

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



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.



Who should apply?

Level 8 computing graduates, with good software development skills.

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:

EU: €6,300

Non-EU: €14,000

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Machine Learning
Embedded Systems & Pervasive Sensing
Software Quality & Testing
Cybersecurity and Secure Programming
Advanced Database Technology
Text & Sequence Analytics
Statistical Computing
Cloud Native Computing
Computer & Network Forensics
Research Methods for Computer Scientists
Masters Project

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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 a 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:

EU: €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:

EU: €9,000

Non-EU: €10,800

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 Duddy:
niamh.duddy@atu.ie

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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



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 a 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:

EU: €4,200*

Modules

Machine Learning

Principles of Artificial Intelligence

Big Data Analytics

Mathematics for Analytics

Big Data Architecture

Artificial Intelligence for Vision and NLP

**Funding may be available through Springboard+ for the Postgraduate Diploma in Big Data Analytics and Artificial Intelligence*

Master of Science

Duration: 1 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

Dissertation

Online or 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

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@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 a 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:

EU: €4,200*

Modules

Infrastructure as Code
Virtual Server Administration
Networking
Hybrid Cloud Technology
Data Centre Operations
Research Project
Placement
Security & Legal
Storage Technology

**Funding may be available through Springboard+ for the Postgraduate Diploma in Computing in Cloud Technologies*

Master of Science

Duration: 1 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

Dissertation

Online or 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

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@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 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 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 a 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:

EU: €4,200*

Modules

Secure Infrastructure
Cryptography & Forensic Analysis
Software Compliance
Threat Management I
Information Security Management 1
Web Application Security and Software Standards
Threat Management II
Information Security Management 2

**Funding may be available through Springboard+ for the Postgraduate Diploma in Computing in Cybersecurity*

Master of Science

Duration: 1 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

Dissertation

Online or 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

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@atu.ie

Computing in DevOps

Award Options

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

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 a 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:

EU: €4,200*

Modules

DevOps Software Engineering
IaC for DevOps Pipelines
Placement
Research Project
DevOps Project Management
Disruptive DevOps

**Funding may be available through Springboard+ for the Postgraduate Diploma in Computing in DevOps*

Master of Science

Duration: 1 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

Dissertation

Online or 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

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@atu.ie



“

I was motivated to study DevOps because I saw a clear need to better understand the technical and operational challenges faced by my teams. By learning their “language” firsthand, I could more effectively empathize with their pain points, help me to guide them through obstacles, and foster a culture of collaboration that boosts both efficiency and morale.

The MSc in DevOps has made me increasingly hands-on, as demonstrated by a recent proof of concept in which I used a large language model to build a retrieval augmented generation solution for knowledge management. This blend of leadership and technical expertise has boosted both my confidence and my career opportunities, enabling me to better guide engineering teams and drive innovation.

Jimmy Augustine
Graduate – MSc in Computing in DevOps

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

On-campus

Level: 9**Credits:** 90**Duration:** 2 years**Study Mode:****Part-time:** Yes**Full-time:** Yes**Delivery Method:**

On-campus

Campus: Letterkenny**Total Fees:****EU:** €6,300**Non-EU:** €14,000**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



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 a 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:

EU: €2,400

Incident Detection and Response
Programming for Cybersecurity
Security Operations

Master of Science

Duration: 2 years

Credits: 90

Total Fees:

EU: €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 Contacts

Admissions:

learn.galwaymayo@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.

Course Contacts

Admissions: admissions.donegal@atu.ie

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:

EU: €6,300

Non-EU: €14,000

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



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 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 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.

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 a 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:

EU: €4,200*

Modules

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

**Funding may be available through Springboard+ for the Postgraduate Diploma in Supply Chain Analytics*

Master of Science

Duration: 1 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

Dissertation

Online or 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

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@atu.ie

Master of Science

Sustainable Supply Chain Operations

This course aims to equip students with a comprehensive understanding of how to manage and optimise supply chains in a sustainable manner. The programme emphasises the importance of sustainability principles and practises and their integration into supply chain management, providing students with a deep knowledge of environmental, social, and economic impacts. This understanding is crucial for developing strategies that not only enhance efficiency and profitability but also promote social responsibility and minimise environmental footprints. The programme also emphasises the role of digitalisation in sustainable supply chain operations.

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 or an equivalent qualification in Computing, Science, Engineering, Business, Finance or Mathematics or any associated discipline. 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 as established by the Programme Board for the programme in question and as approved by the Registrar. 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.



On-Campus Attendance

The course is delivered online, with no on-campus attendance required.



Who should apply?

This programme is suitable for applicants from various professional backgrounds: Computing, Science, Engineering, Business, Finance or Mathematics or any associated discipline.

Online

Level: 9

Credits: 90

Duration: 1 year

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Online

Campus: Letterkenny

Total Fees:

EU: €6,300

Non-EU: €14,000

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Operations Management
Sustainability and Circular Business Models
Leadership in Supply Chains
Supply Chain Management
Digital Supply Chain Operations
Sustainability Frameworks and Reporting
Dissertation or Applied Industry Project

Course Contacts

Admissions:

admissions.donegal@atu.ie



Eolaíocht agus
Sláinte

Science and Health



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 a 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:

EU: €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:

EU: €8,496

Non-EU: €10,195

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

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 a 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:

EU: €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:

EU: €12,000

Non-EU: €14,000

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

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 a 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:

EU: €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:

EU: €8,496

Non-EU: €10,195

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

BioIndustry 4.0

Award Options

- **Postgraduate Certificate**
- **Master of Science (Progression Route)**

This programme is a joint initiative by ATU 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 a 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.

All students will first commence on the Postgraduate Certificate in BioIndustry 4.0 and if successful may transfer to the Master of Science in BioIndustry 4.0.

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total Fees:

EU: €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:

EU: €8,496

Non-EU: €10,195

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

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 a 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:

EU: €2,100

Genome Biology
Genomic Techniques & Databases
Bioinformatics Methods

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees:

EU: €4,200

Genome Biology
Genome Techniques & Databases
Bioinformatics Methods
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:

EU: €6,300

Non-EU: €7,560

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 Contacts

Admissions:

admissions.donegal@atu.ie

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@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: Yes

Delivery Method:

Blended

Campus: Galway City,
Dublin Road

Total Fees:

EU: €6,300

Non-EU: €14,000

**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 the ATU Sligo RPL (Recognised Prior Learning) 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:

EU: €8,496

Non-EU: €10,195

**Recognition of
Prior Learning** ✓

What will I study?

Modules

Legislation and Reg. Affairs
Fermentation and Cell Culture Processing
Upstream Processing [E]
Scale Up and Tech Transfer [E]
Protein Purification
Research Methods
Elective: Downstream Processing OR Formulation and Delivery Systems
Bioprocessing Thesis
[E] = Elective Module

Biopharmaceutical Science

Award Options

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

Jointly offered by ATU 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 a 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:

EU: €6,000

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total Fees:

EU: €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:

EU: €12,000

Non-EU: €14,400

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

Master of Science

Bioprocessing Science

This course is designed to provide students with a comprehensive understanding of the principal scientific and engineering challenges in the manufacturing of biopharmaceutical products, thereby making them highly employable within the Biotechnology, Biopharmaceutical and Medical Technology Industries. The course encourages participants to develop the competencies and key skills to be employed in technical/managerial role, developing skills to work and communicate with autonomy and effectively.

Key course details



Entry Requirements

The programme is open to students who have obtained an hours 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 consideration through the Recognition of Prior Learning (RPL) process.



On-Campus Attendance

This is a fulltime programme with attendance required on campus along with online delivery and laboratory scale and pilot scale experiments in both Sligo and NIBRT for an overall blended learning approach.



Who should apply?

Graduates are typically employed in managerial positions in Scientific, Operations and Quality Assurance / Control positions in the Biopharmaceutical and Medical Biotechnology industry sectors both within Ireland and abroad. Graduates might also find employment more broadly within the Healthcare sector, medical device industries and in areas of Research and Development.

Course Contacts

Admissions: admissions.sligo@atu.ie

Blended

Level: 9**Credits:** 90**Duration:** 1 year**Study Mode:****Part-time:** No**Full-time:** Yes**Delivery Method:**

Blended

Campus: Sligo**Total Fees:****EU:** €4,950**Non-EU:** €14,000**Recognition of Prior Learning** ✓**ILEP Approved** ✓

What will I study?

Modules

Upstream Bioprocessing
Downstream Bioprocessing
Quality Control Testing for Biologics
Formulation and Delivery of Biopharmaceuticals
Biopharmaceutical Regulation and Compliance
Research methods
Biopharmaceutical Dissertation



CQV Commissioning, Qualification and Validation for Biologics Manufacturing

Award Options

- **Postgraduate Certificate**
- **Master of Science (Progression Route)**

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 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 a 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.

All students will first commence on the Postgraduate Certificate in Commissioning, Qualification and Validation for Biologics Manufacturing and if successful may transfer to the Master of Science award.

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total Fees:

EU: €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:

EU: €8,496

Non-EU: €10,195

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

Galway 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 a 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:

EU: €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:

EU: €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** X

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

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 a 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:

EU: €4,200

Modules

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 or 2 years

Credits: 90

Total Fees:

EU: €6,300

Non-EU: €14,000

Modules

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** ✓

ILEP Approved ✓

Course Contacts

Admissions:

learn.galwaymayo@atu.ie

Student Advisor:

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

Master of Science

Entrepreneurship and MedTech

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 programme 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

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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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

Blended

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: No

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City,
Dublin Road

Total Fees:

EU: €6,300*

Non-EU: €14,000

**Recognition of
Prior Learning** ✓

ILEP Approved ✓

What will I study?

Modules

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
Design of Experiments and Analysis
Research Methods
Commercialization Project

*Fees quoted may be subject to change for academic year 2026/27. Please check programme webpages 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).

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Mary Tully: mary.tully@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Sligo

Total Fees:

EU: €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

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 fulltime employment in the MedTech/Life Sciences sector seeking to progress their careers.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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

Blended

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:

Part-time: No

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City,
Dublin Road

Total Fees:

EU: €6,300

Non-EU: €14,000

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

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

Student Advisor: Eileen O'Hara: 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:

EU: €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]

Master of Science

Medical Technology 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 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.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Michelle Moore: michelle.moore@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:

EU: €13,950*

*Irish Medtech Skillnet members pay €8,914

Recognition of Prior Learning ✓

What will I study?

Modules

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
 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
 Medical Technology Regulatory Affairs Dissertation



Sligo 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 a 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:

EU: €9,996

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
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:

EU: €12,000

Non-EU: €14,400

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

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 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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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:

EU: €6,300

Non-EU: €14,000

*Springboard+ Funding
may be available for eligible
candidates

**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



I chose ATU for its strong reputation in marine science and its applied, hands-on approach to conservation. I've always had a passion for the marine environment, and after completing my undergraduate degree in Zoology, I wanted to gain practical skills and deepen my expertise in marine conservation to better contribute to the field.

After graduating, I worked as a Scientific and Technical Officer with the Marine Institute, where I contributed to key marine assessments and reports. I then worked as a field ecologist on the Irish Kingfisher Survey, and I now work as an Ecologist with ORS Building Consultants, conducting ecological surveys and preparing environmental reports. I use many of the skills I developed during the MSc on a daily basis – particularly GIS mapping, statistical analysis, and technical report writing. The course provided a strong foundation for both field and desk-based aspects of ecological work.

Neve McCann

Graduate – MSc in Applied Marine Conservation

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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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:

EU: €6,300

Non-EU: €14,000

**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



What motivated me to take this course was a desire to return to studying my passions of ecology, biology and the environment. I finished my undergraduate degree in Earth and Ocean science. I chose this course from ATU as it featured a mix of both marine and terrestrial subjects and involved experiences working with animals from both of these environments.

Liam LeNoach
Graduate - MSc in Conservation
Behaviour

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:

EU: €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 Contacts

Admissions:

admissions.sligo@atu.ie

Student Advisor: Niamh

Doddy: niamh.doddy@atu.ie



I was motivated to study the MSc in Environmental Health & Safety Management because I wanted to build on my environmental knowledge and had a real interest in health & safety. Combining both fields seemed like a smart move as it created many opportunities, especially in the renewable energy sector. I'm really glad I chose this course, it gave me the foundation I needed and directly led to the role I'm in today. Studying online helped me develop essential technical skills and independence which have been crucial in managing the digital side of my role and communicating with contractors across various projects. I try to apply everything I learned during the Masters in my professional life everyday and this has made me much more confident and competent in what I do.

Shane McLaughlin

Graduate – MSc in Environmental Health and Safety (EHS) Management

Environmental Protection

Award Options

- **Postgraduate Diploma**
- **Master of Science (Progression Route)**

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 or 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 a 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.

All students will first commence on the Postgraduate Diploma in Environmental Protection and if successful may transfer to the Master of Science in Environmental Protection.

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total Fees:

EU: €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:

EU: €7,200

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 Duddy:
niamh.duddy@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.

Course Contacts

Course Coordinator:

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

Coordination Office:

info@imbrsea.eu

Programme Webpage:

www.imbrsea.eu

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:

EU: €9,000

Non-EU: €14,000

**Recognition of
Prior Learning** ✗

ILEP Approved ✓

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

*Students can also choose
from a range of electives. Visit
programme webpage for full list.*



Sustainability and Climate Reporting

Award Options

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

The aim of this programme is to arm students with a robust understanding of greenhouse gas (GHG) / carbon reporting methodologies, sustainability principles, and solution development applicable across diverse organisations. By providing comprehensive education and practical training, our programme prepares students to navigate the complexities of GHG reporting and sustainability challenges effectively. Ever increasing focus and recent legislative changes have brought sustainability into the boardrooms of many Irish organisations in a real way for the first time. Graduates of this programme will emerge equipped with the analytical skills, strategic mindset, and innovative tools necessary to address evolving organisation needs of GHG reporting, the development of CSRD plans and sustainability solutions. They will be poised to drive sustainable practices, assess the environmental impact of their operations, enact positive change, and lead initiatives for a greener, more resilient future across various sectors.

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. Candidates who do not meet the H2.2 or equivalent performance standard in a Level 8 award will be supported by the programme team and the Recognition of Prior Learning (RPL) unit to make an application for entry.



Study Hours

Students are expected to attend two online lectures in the evening each week. The online lectures are normally scheduled between 6-10pm from Monday-Friday during the term. 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 activities.



Examination & Assessment

This programme is assessed via 100% continuous assessment.



On-Campus Attendance

There is no on-campus attendance requirement for this course.



Who should apply?

This programme is aimed at undergraduates looking to complete a postgraduate qualification in this specialist area, science professionals looking to develop new skills, and non-science professionals who need to acquire new skills, so their organisation can fulfil its sustainability and GHG reporting obligations and introduce sustainability to their operational model. Graduates are expected to be in a position to take on career opportunities in the area of sustainability and carbon management/reporting. Examples of roles in these areas include sustainability manager, ESG analyst, supply chain sustainability manager, sustainability reporting consultant, climate strategy consultant and climate reporting analyst.

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 a 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: 18 months

Credits: 60

Total Fees:

EU: €4,200

Modules

Introduction to Sustainability in an Interconnected World
Systems Thinking for Sustainability and Transformative Change
Solutions for a Sustainable Future
Science Based Climate Action
GHG Accounting and Life Cycle Assessment
Sustainability Research and Reporting

Master of Science

Duration: 2 years

Credits: 90

Total Fees:

EU: €7,200

Modules

Dissertation

Short Accredited Courses available:

Certificate in Climate Action and Greenhouse Gas Reporting

Duration: 1 year

Credits: 30

Certificate in Sustainability and Transformative Change

Duration: 1 year

Credits: 30

Certificate in Blanket Peatland Restoration

Duration: 1 semester

Credits: 10

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

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 on our Sligo campus 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 a 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:

EU: €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:

EU: €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:

EU: €11,000

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 Duddy:
niamh.duddy@atu.ie

Master of Science

Advancing Health and Social Care

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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9**Credits:** 90**Duration:** 1/2 years**Study Mode:****Part-time:** Yes**Full-time:** Yes**Delivery Method:**

Blended

Campus: Letterkenny**Total Fees:****EU:** €6,300
**Recognition of
Prior Learning** ✓

What will I study?

Modules

Research Dissertation



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 in the 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 a 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.

Students can exit with a Postgraduate Certificate on successful completion of year one of the programme, or a Postgraduate Diploma in Science on successful completion of years one and two of the programme. Students who elect to complete year 3, will at the end of their studies hold a Master of Health Science qualification.

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total Fees:

EU: €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:

EU: €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:

EU: €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 Contacts

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 a 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:

EU: €2,400

Governance and Compliance for Quality
Leadership and Management
Employment Law and Finance

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees:

EU: €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:

EU: €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 Contacts

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 a 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 a 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:

EU: €2,400

Governance and Compliance for Quality
Leadership and Management
Employment Law and Finance

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees:

EU: €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:

EU: €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 Contacts

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 a 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:

EU: €2,400

Governance and Compliance for Quality
Leadership and Management
Employment Law and Finance

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total Fees:

EU: €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:

EU: €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 Contacts

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 our Sligo campus 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.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Mary Tully: mary.tully@atu.ie

Blended

Level: 9

Credits: 120

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Sligo

Total Fees:

EU: €12,600

Non-EU: €14,000

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.

Cognitive Behavioural Psychotherapy

Award Options

- **Master of Health Science**
- **Postgraduate Diploma in Science**

This programme is designed to provide comprehensive education and advanced skills training for Health and Social Care Professionals working in mental health settings. Its overarching goal is to develop and enhance their competence in Cognitive Behavioural Psychotherapy (CBP), enabling them to develop into autonomous and highly skilled Cognitive Behavioural Psychotherapists. Upon successful completion, graduates will be fully equipped to practice independently across a range of mental health care settings, delivering evidence-based interventions to support diverse client needs. The programme is approved at Category 2 level by the NMBI and at level 9 fulfils the CNS criteria as laid out by the HSE. The HSE CNS career pathways was developed in line with the DoH (2019) A Policy on the development of Graduate to Advance Nursing and Midwifery Practice. As part of the HSE Interim CNS pathways candidates are required to be required to demonstrate that they have completed the required postgraduate education or agree and are supported to undertake the required postgraduate education, at level 9 qualification (equivalent to 60 ECTS or above) relevant to the specialist area.

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. Applicants 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 a 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:

EU: €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:

EU: €14,000

Research Dissertation Practicum

On-Campus

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

On-Campus

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:

admissions.stangelas@atu.ie

Community Mental Health Nursing

Award Options

- **Master of Health Science**
- **Postgraduate Diploma in Science**

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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

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 care 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 directed learning courses.



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 our campuses in Letterkenny, St Angelas and Mayo.

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 a 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:

EU: €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:

EU: €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:

EU: €6,300

Non-EU: €7,560

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, dieticians, physiotherapists, occupational therapists, health science professionals, biomedical scientists, social care workers, and other healthcare professionals.

Course Contacts

Admissions: admissions.stangelas@atu.ie

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:

EU: €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

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.

Course Contacts

Admissions: admissions.stangelas@atu.ie

Course Coordinator: Seamus Dolan: sdolan@stangelas.ie

Student Advisor: Karolina Oracz: koracz@stangelas.ie

On-Campus

Level: 9

Credits: 90

Duration: 1 year

Study Mode:

Part-time: No

Full-time: Yes

Delivery Method:

On-Campus

Campus: St Angelas

Total Fees:

Non-EU: €14,000

Recognition of Prior Learning ✕

ILEP approved ✓

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

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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

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 a 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 a 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:

EU: €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:

EU: €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:

EU: €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 Contacts

Admissions:

learn.galwaymayo@atu.ie

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If you have a desire to learn and progress while juggling life commitments online studying is for you. Its flexible and incredibly rewarding but requires discipline, time management skills and prioritising your course over personal commitments and your day off. For the year or two years of your course you treat your study time and learning as non-negotiable. You will meet like-minded people and expand your professional circle while making friends for life. During tough times visualise yourself at the finish line and the career prospects you will receive.

I have progressed from RGN to CNS by successfully gaining the educational requirements to do so from ATU. ATU has allowed me to become aware and develop invaluable qualities such as hard work, reliability and exceptional communication, planning and organisational skills and clinical expertise, for that I am forever grateful.

Margaret Kelly
Graduate – MSc in Palliative and End of Life Care



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 NQF 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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9**Credits:** 90**Duration:** 2 years**Study Mode:****Part-time:** Yes**Full-time:** No**Delivery Method:**

Blended

Campus: Letterkenny**Total Fees:****EU:** €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



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 or social care 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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

admissions.stangelas@atu.ie

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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

learn.galwaymayo@atu.ie

“

For the past few years, I have had the role of Quality Assurance Co-Ordinator in the Galway and Mayo Hospice. Based in Galway, I currently work full time in this role where I am involved in many initiatives to drive quality care and patient safety across the organisation. The MSc in Quality and Safety in Healthcare from ATU provided a range of modules that supported me to make a tangible difference both in the lives of patients and in the overall quality and patient safety within the Hospice. The course involved online and in-person education – it was a nice blend of the two. I was positively supported throughout.

My advice would be to take full advantage of the digital resources and tools available—whether it’s discussion forums, virtual study groups, or online library support. Make sure to create a dedicated workspace that allows you to focus, free from distractions. Don’t hesitate to reach out to the module lecturers or your supervisor if you need help; online learning offers many opportunities for collaboration and support.

Vanessa Butler
Graduate – MSc in Quality and Safety in Healthcare



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 a 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:

EU: €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:

EU: €7,200

Dissertation

Blended

Level: 9

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

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 a 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:

EU: €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:

EU: €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 Contacts

Admissions:

admissions.donegal@atu.ie

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 Accreditation

This Masters programme is accredited with the Sport & Exercise Nutrition Register (SENr) of the British Dietetic Association.



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:****EU:** €6,300**Non-EU:** €14,000**Recognition of
Prior Learning** ✓**ILEP Approved** ✓

What will I study?

Modules

Human Nutrition

Sport and Exercise Physiology

Sport and Exercise Nutrition
Research in Practice 1Advanced Sport and
Exercise Nutrition

Research Methods

Sport and Exercise Nutrition
Research in Practice 2Laboratory Techniques in
Sport and Exercise Nutrition

Research Project

Course Contacts

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 – MSc 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 a 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:

EU: €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:

EU: €7,200

Non-EU: €14,000

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: marytully@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. 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; 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 sector.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

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:****EU:** €7,200**Non-EU:** €14,000

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

Recognition of Prior Learning ✓**ILEP Approved** ✓

What will I study?

Modules

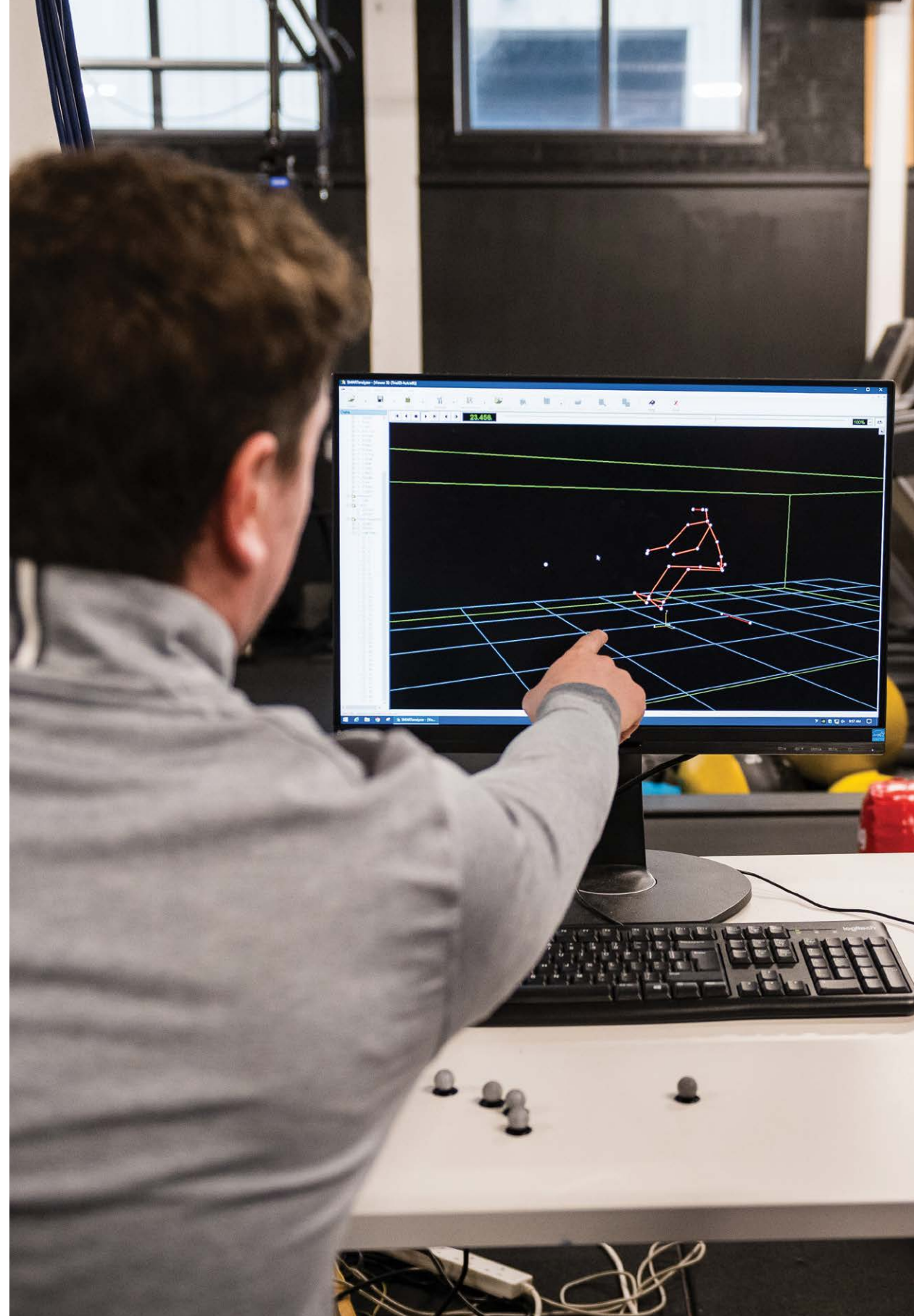
Mandatory Module Pairs:

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



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 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'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 a 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:

EU: €4,500

*Food and Drink Ireland Skillnet member rate - €2,900.
Fees may be subject to change.

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:

EU: €9,000

*Food and Drink Ireland Skillnet member rate - €5,800
Fees may be subject to change.

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:

EU: €12,000

*Food and Drink Ireland Skillnet member rate - €7,950
Fees may be subject to change.

Dissertation in Sustainable Food Systems

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 Duddy:
niamh.duddy@atu.ie

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 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: 1.5 years

Study Mode:

Part-time: Yes

Full-time: Yes

Delivery Method:

Blended

Campus: Galway City,
Dublin Road

Total Fees:

EU: €6,300

Non-EU: €14,000

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 Contacts

Admissions:

learn.galwaymayo@atu.ie



We have recorded classes, which I think is really great. Sometimes I would worry about not being able to learn something well, but actually, I can watch the videos again and again. I was a student here last year too, so I knew half of the lecturers already; I was confident in the knowledge I can really trust the lecturers here, which is a reason why I chose this course. Studying here gives me a direction for the future. It gives me more choice.

Jingjie Xie Eric

Student – MSc in Nutrition and Food Sensory 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.



External Accrediting Body

This programme is accredited by the Association for Nutrition (AfN, AC343). This means graduates from this Level 9 MSc programme will be eligible for direct entry as registered associate nutritionists with the Association for Nutrition.

Online

Level: 9

Credits: 90

Duration: 2 years

Study Mode:

Part-time: Yes

Full-time: No

Delivery Method:

Online

Campus: Sligo

Total Fees:

EU: €6,300

Non-EU: €7,560

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

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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

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:

EU: €6,300

Non-EU: €14,000

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

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

None, this course is delivered fully online.



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.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online Student Advisor:

Tricia Fitzpatrick

T: +353 71 930 5346

E: tricia.fitzpatrick@atu.ie

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:

EU: €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



I worked 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. I now work as Games Development Coordinator with Monaghan GAA, providing a clear player pathway for boys and girls to succeed within Gaelic games across primary schools, secondary schools, and clubs.

Gary Wilson

Graduate - MSc in Sports Performance Practice

Sligo 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 a 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:

EU: €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:

EU: €6,300

Non-EU: €7,560

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 Accreditation

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:

EU: €6,300

Non-EU: €14,000

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 Contacts

Admissions:

learn.galwaymayo@atu.ie



Sustainable Food Systems

Award Options

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

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 a 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:

EU: €9,000

*Food Drink Ireland Skillnet Member Rate - €5,800

Fees may be subject to change.

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

EU: €12,000

*Food and Drink Ireland Skillnet member rate - €7,950

Fees may be subject to change.

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 Contacts

Admissions:

admissions.sligo@atu.ie

Student Advisor:

Niamh Duddy:
niamh.duddy@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	Campus
Business						
Financial Management & Sustainability	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Design, Education & Social Science						
3D Design for Emerging Technologies	Postgraduate Certificate	9	1 year	Part-time	Online	Donegal
Applied Brand Strategy and Identity	Postgraduate Certificate	9	1 year	Part-time	Online	Donegal
Content Creation for AR and VR	Postgraduate Certificate	9	1 year	Part-time	Online	Donegal
Teaching, Learning and Assessment	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Research Development and Practice	Postgraduate Certificate	9	1 year	Part-time	Online	Donegal
Engineering and Computing						
Blockchain for Managers	Postgraduate Certificate	9	1 year	Part-time	Online	Galway City
BIM and Lean Construction Management	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Data Analytics for Offshore Wind Energy Management	Postgraduate Certificate	9	1 year	Part-time	Online	Donegal
Road Engineering and Design	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Mechanical and Electrical Quantity Surveying	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Bridge Engineering	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Automotive Artificial Intelligence	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Sensors for Autonomous Vehicles	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Strategic Construction Management	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	Campus
Science and Health						
Marine Spatial Planning	Postgraduate Certificate	9	1 Semester	Part-time	Blended	Galway
Healthcare Analytics	Postgraduate Certificate	9	1 year	Part-time	Online	Mayo
Food Innovation and Entrepreneurship	Postgraduate Certificate	9	1 Semester	Part-time	Blended	Galway
Health Promotion and Wellness Practice	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Health Project Management	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Public Health	Postgraduate Certificate	9	1 year	Part-time	Online	Sligo
Contemporary Healthcare Management	Postgraduate Certificate	9	1 Semester	Part-time	Blended	Donegal
Sport Performance Innovation	Postgraduate Certificate	9	1 Semester	Part-time	Online	Donegal
Professional Skills for High-Performance Sport	Postgraduate Certificate	9	1 Semester	Part-time	Online	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	Campus
Business						
Business Analytics	Higher Diploma	8	1 year	Full-time	Online	Galway
Finance and Technology (FinTech)	Higher Diploma	8	1 year	Part-time	Online	Donegal
Design, Education & Social Science						
Leadership and Wellbeing in the Workplace	Higher Diploma	8	1/2 years	Full-time/ Part-time	Online	Donegal
3D Modelling and Animation	Higher Diploma	8	1 year	Part-time	Blended	Donegal
Counselling Studies	Higher Diploma	8	1.5 years	Part-time	Blended	Donegal
Home Economics	Professional Diploma	8	2 years	Part-time	On-Campus	St Angelas

Course Title	Award	Level	Duration	Study Mode	Delivery Mode	Campus
Engineering and Computing						
Automation and Digital Manufacturing	Higher Diploma	8	1 year	Part-time	Blended	Galway
Building Information Modelling	Higher Diploma	8	2 years	Part-time	Blended	Galway
Civil Engineering	Higher Diploma	8	1 year	Part-time	Blended	Galway
Computing	Higher Diploma	8	2 years	Part-time	Online	Sligo
Computing (ICT)	Higher Diploma	8	1 year	Full-time	Online	Donegal
Computing (ICT)	Higher Diploma	8	2 years	Part-time	Online	Donegal
Computing for Educators	Higher Diploma	8	1/2 years	Part-time	Online	Donegal & Galway
Cybersecurity Risk and Compliance	Higher Diploma	8	1 year	Full-time	Blended	Galway
Data Analytics	Higher Diploma	8	1 year	Full-time	Online	Galway
Software Development	Higher Diploma	8	1 year	Full-time	Online	Galway
Science and Health						
Food Business and Product Innovation (WBL)	Higher Diploma	8	1 year	Part-time	Online	Donegal
Medical Science	Higher Diploma	8	2 years	Part-time	Blended	Galway
Medical Technology Regulatory Affairs and Quality	Higher Diploma	8	2 years	Part-time	Online	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 ideal 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

Course Title	Award	Level	Campus
Engineering and Computing			
Access and Use (Part M, B, K, DAC, Universal Design)	Certificate	9	Galway City
Energy Conservation (Part L, F, J, C, D, Sustainability and Circular Economy)	Certificate	9	Galway City
Fire Safety (Part B Buildings Other than Dwelling Houses, and FSC)	Certificate	9	Galway City
Fire Safety (Part B Dwelling Houses)	Certificate	9	Galway City
Introduction to Legislation for the Built Environment	Certificate	9	Galway City
Project Management	Certificate	9	Sligo
Circular Economy Principles for the Built Environment	Certificate	9	Galway City
Circular Economy Leadership and Organisational Transitions	Standalone Module	9	Galway City
Services (Part E, F, G, H, J and D)	Certificate	9	Galway City
Structures (Part A, C, D, Eurocodes and Circular Economy)	Certificate	9	Galway City
Visual Programming for Digital Construction	Certificate	9	Galway City
Science and Health			
Advanced Data Analytics for Biopharmaceutical Manufacturing	Certificate	9	Sligo
Advanced Therapy Medicinal Products (ATMP) Development and Manufacturing	Certificate	9	Sligo
Regulatory Training for Advanced Therapy Medicinal Products (ATMPs): Understanding Manufacturing and Inspection Practices	Certificate	9	Sligo
Bioanalytical Techniques	Certificate	9	Sligo
Decarbonising Energy Production	Certificate	9	Donegal
Fundamentals of Modern Energy Storage Solutions	Certificate	9	Donegal
Blanket Peatland Restoration	Certificate	9	Sligo
Advanced Clinical Laboratory Haematology	Certificate	9	Galway City
Advanced Practice in Transfusion and Transplantation Science	Certificate	9	Galway City
Advanced Clinical Microbiology and Infection	Certificate	9	Galway City

Course Title	Award	Level	Campus
Science and Health			
Advanced Clinical Chemistry	Certificate	9	Galway City
Clinical Immunology Global Infections and Therapeutics	Certificate	9	
Digital Marketing and Emerging Technology in Sport	Certificate	9	Galway City
Digital Transformation for Sport	Certificate	9	Galway City
Learning Design for Sports Performance Feedback	Certificate	9	Galway City
Programming for Sports Innovation	Certificate	9	Galway City
Sports Data Analytics	Certificate	9	Galway City
Principles of Healthcare Leadership	Standalone Module	9	St Angelas
Therapeutic Communication	Standalone Module	9	St Angelas
Eating Disorders in Adults and Adolescents	Standalone Module	9	St Angelas
Quality and Healthcare Management	Standalone Module	9	St Angelas
Introduction to Cognitive Behaviour Therapy	Standalone Module	9	St Angelas
Early Intervention for People Who Experience First Episode Psychosis	Standalone Module	9	St Angelas
Advanced Research Skills	Standalone Module	9	St Angelas
Healthcare Ethics	Standalone Module	9	St Angelas

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. For EU applicants, simply visit the webpage of your chosen course and select the 'apply now' button, and follow the steps outlined.

For Non-EU applicants please visit [atu.ie/international](https://www.atu.ie/international) to make an application.

For further information on these processes, please visit [atu.ie/apply-now](https://www.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 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

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

Deiseanna maidir 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

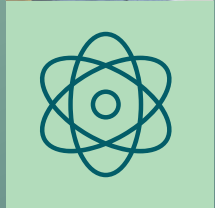
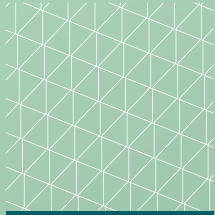
Enhanced Employability: Exit awards at both Postgraduate Diploma and Postgraduate Certificate levels add value to your CV showcasing your expertise and dedication to potential employers.

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



For Further Information

For further details on any of the information contained within this book, please visit **atu.ie/masters** or get in touch using the contacts below.

Donegal

Phone: +353 (0) 74 91 86000

Admissions: admissions.donegal@atu.ie

Sligo

Phone: +353 (0) 71 91 55222

Admissions: admissions.sligo@atu.ie

St Angelas

Phone: +353 (0) 71 91 43580

Admissions: admissions.stangelas@atu.ie

Galway and Mayo

Galway: +353 (0) 91 753 161

Mayo: +353 (0) 94 902 5700

Admissions: learn.galwaymayo@atu.ie



Ollscoil
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Technological
University