



Your Masters Your Way 2024/25

Postgraduate
Prospectus



Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University

Contents

Course List	4
Welcome to Atlantic Technological University	8
Our Multi-Campus University	10
Choosing the Right Masters Course	13
Disciplines at ATU	14
Study Options	16
ATU Global	19
Fees & Funding	20
Masters Courses	
- ATU Donegal	22
- ATU Galway City	52
- ATU Mayo	80
- ATU Sligo	96
- ATU St Angelas	136
Research Masters	154
How to Apply	156
Progression Opportunities	157
Alumni	158
Postgraduate Pathway Courses	160

Masters Course Listing

Course Title	Award	Page
--------------	-------	------

ATU Donegal

Business and Education

Business Management	Master of Science	24
Accounting	Master of Arts	25
Governance and IT in Financial Services	Master of Arts	26
Leadership and Innovation in the Public Sector (Executive)	Master of Business	27
Innovation and Leadership (Executive)	Master of Business	29
Innovation in FinTech	Master of Science	30
Learning and Teaching	Master of Arts	31
Marketing	Master of Science	32
User Experience Design and Applied Innovation	Master of Arts	33
Strategy, Enterprise and Innovation	Master of Science	34

Engineering and Technology

Engineering Management	Master of Science	35
Data Science	Master of Science	36
Big Data Analytics	Master of Science	37
Big Data Analytics & Artificial Intelligence	Master of Science	38
Cloud Technologies	Master of Science	39
Supply Chain Analytics	Master of Science	40
Blockchain Technologies and Applications	Master of Science	41

Course Title	Award	Page
--------------	-------	------

Cyberpsychology	Master of Science	42
Cybersecurity	Master of Science	43
DevOps	Master of Science	44
Healthcare Innovation and Technology	Master of Science	45

Science and Health

Bioinformatics	Master of Science	46
Therapeutic Interventions for Alcohol and Other Drugs	Master of Science	47
Sports Performance Practice	Master of Science	49
Advancing Health and Social Care	Master of Science	50
Professional Nursing	Master of Science	51

ATU Galway City

Business and Education

Creative Practice	Master of Arts	54
Human Resource Management and Employee Relations	Master of Science	55
Accounting	Postgraduate Diploma	56
Teaching and Learning	Master of Arts	57
Design and Innovation	Master of Science	58

Engineering and Technology

Computing	Masters of Science	59
Automation and Digital Manufacturing	Master of Engineering	60
Circular Economy in Leadership for the Built Environment	Masters of Science	61

Course Title	Award	Page
--------------	-------	------

Built Environment Regulation	Master of Science	63
Building Information Modelling and Digital Leadership	Masters of Science	64

Science and Health

Conservation Behaviour	Master of Science	65
Applied Marine Conservation	Master of Science	66
International Marine Biological Resources (IMBRSea)	Master of Science	67
Biopharmaceutical Manufacturing	Master of Science	68
Entrepreneurship and Biopharmaceutical Manufacturing	Master of Science	69
Entrepreneurship and MedTech	Master of Science	70
End-to-End Sterility Assurance	Master of Science	71
International Medical Technologies, Innovation and Development	Master of Science	72
Applied Sport and Exercise Nutrition	Master of Science	73
Medical Science	Master of Science	75
Nutrition and Food Sensory Science	Master of Science	76
Strength and Conditioning	Master of Science	77
Sport and Clinical Biomechanics	Master of Science	78

ATU Mayo

Business and Education

Digital Media and Marketing	Master of Science	83
Transformative Practice in Equality, Diversity and Inclusion	Master of Arts	84
Sustainability Leadership	Master of Science	85
Outdoor Education, Sustainability and Wellbeing	Master of Science	86

Engineering and Technology

Cybersecurity Operations	Masters of Science	88
--------------------------	--------------------	----

Course Title	Award	Page
--------------	-------	------

Science and Health

Quality and Safety in Social Care	Master of Science	89
Quality and Safety in Healthcare	Master of Science	90
Palliative and End of Life Care	Master of Science	91
Applied Leadership and Management in Healthcare	Master of Science	92
Applied Leadership and Management in the Public Sector	Master of Science	93
Applied Leadership and Management in Social Care	Master of Science	94

ATU Sligo

Business and Education

Creative Practice	Master of Arts	98
Social Care and Social Justice	Master of Arts	99
Social Work	Master of Arts	100
Leadership and Advocacy in the Early Years	Master of Arts	102
Marketing	Master of Science	103
Digital Business	Master of Science	104
Project Management	Master of Science	105
Professional Leadership	Master of Arts	106
Strategic People Management	Master of Science	108
Universal Design for Learning	Master of Arts	109

Engineering and Technology

Computing (Data Science)	Master of Science	110
Connected and Autonomous Vehicles	Master of Engineering	111
Geotechnical and Structural Engineering	Master of Engineering	112
Road and Transport Engineering	Master of Engineering	113
Quality	Master of Science	114
Water Services Management	Master of Science	115

Course Title	Award	Page
Science and Health		
Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing	Master of Science	116
Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing	Master of Science	117
BioIndustry 4.0	Master of Science	118
Biopharmaceutical Processing	Master of Science	119
Bioprocessing Science	Master of Science	120
Biopharmaceutical Science	Master of Science	121
Industrial Pharmaceutical Science	Master of Science	122
Medical Technology Regulatory Affairs	Master of Science	123
Validation and Digitalisation Technologies	Master of Science	124
Commissioning, Qualification and Validation (CQV) for Biologics Manufacturing	Master of Science	125
Environmental Health and Safety (EHS) Management	Master of Science	126
Environmental Protection	Master of Science	127
Food and Nutritional Product Development	Master of Science	128
Food Regulatory Affairs	Master of Science	129
Sustainable Food Systems	Master of Science	130
Clinical Measurement Physiology	Master of Science	131
Sport and Exercise Nutrition	Master of Science	132
Public Health Nutrition	Master of Science	133
Health Promotion Practice	Master of Science	135

Course Title	Award	Page
ATU St Angelas		
Education		
Contemporary Innovations in Education	Master of Arts	138
Special Educational Needs - Autism	Master of Arts	139
Specific Learning Difficulties	Master of Arts	140
Professional Studies in Special Educational Needs	Master of Arts	141
Special Education	Master of Arts	142
Home Economics	Master of Education	143
Science and Health		
International Healthcare Management (National Stream)	Master of Health Science	144
International Healthcare Management (International Stream)	Master of Health Science	145
Community Mental Health Nursing	Master of Health Science	146
Professional Studies	Master of Health Science	147
Professional Healthcare Studies	Master of Health Science	148
Applied Health and Wellness Coaching	Master of Health Science	149
Nursing Studies	Master of Health Science	150
Disability Studies	Master of Science	152
Food Innovation	Master of Science	153



Welcome to Atlantic Technological University

This prospectus will guide you through the wide range of postgraduate programmes available in Atlantic Technological University, one of Ireland's largest universities. We are dedicated to enabling sustainable economic, social and cultural development; connected to and serving our region, with a mindset that reaches far beyond it.

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

Whether you are an undergraduate continuing your studies, an ATU alumnus seeking to return to our university, or simply looking to upskill and progress in your career, ATU welcomes you as a lifelong learner. Your decision to undertake postgraduate study is an important one, and we are here to provide you with all the support and guidance you need to fulfil your potential.

Our focus has always been to deliver a flexible postgraduate learning experience designed to suit your personal and professional commitments. With over 100 Masters programmes and a wide range of study options, ATU can provide you with the opportunity and choice you need to study your Masters your way.

As the tapestry of our university continues to form and pave the way for new possibilities, we look forward to embarking on this exciting postgraduate journey with you, shaping a future of shared success and growth.

The future is here!

Dr. Orla Flynn
Uachtarán/President
Ollscoil Teicneolaíochta an Atlantaigh
Atlantic Technological University



Orla Flynn



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
- **600+** Programmes
- **8** Research Centres
- **5,000+** Graduates Annually
- **23,800+** Total Students
- **2,253** Total Staff

ATU Galway City, Dublin Road

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

ATU Galway City, Wellpark Road

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

ATU Mayo

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

ATU Connemara

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

ATU Mountbellew

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

ATU Donegal

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

ATU Killybegs

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

ATU Sligo

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

ATU St Angelas

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

Learn Online

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



Choosing the Right Masters Course

A Path to Your Future

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

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

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

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

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

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

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

Career Guidance Supports

For ATU undergraduates, career guidance services are available on each campus, helping you to choose the right Masters course for you.

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



Disciplines at ATU

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

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

BUSINESS

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

EDUCATION

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.

ARTS

Whether your passion lies in visual arts, performing arts, or digital media, our programmes nurture your talents and help you refine your craft. Join a community of artists and innovators who are pushing the boundaries of creative expression.

ENGINEERING

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

TECHNOLOGY

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

ATU takes pride in offering a spectrum of Masters programmes that span Biopharmaceutical Science, Life Science, Environmental 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).

HEALTH

In the realm of Nursing, Health & Social 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 seasoned professionals, are dedicated to preparing you for leadership roles in the field.

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.

Study Options

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

Pathways to your Masters

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

On-Campus Learning

Immerse yourself in the vibrant academic atmosphere of our campus. 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

Take your education into your own hands with our comprehensive online Masters programmes. ATU's online courses are designed to be flexible, allowing you to study at your own pace and on your own schedule. Access high-quality education from anywhere in the world, while balancing your studies with work and other commitments.

Part-Time Study

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

Full-Time Study

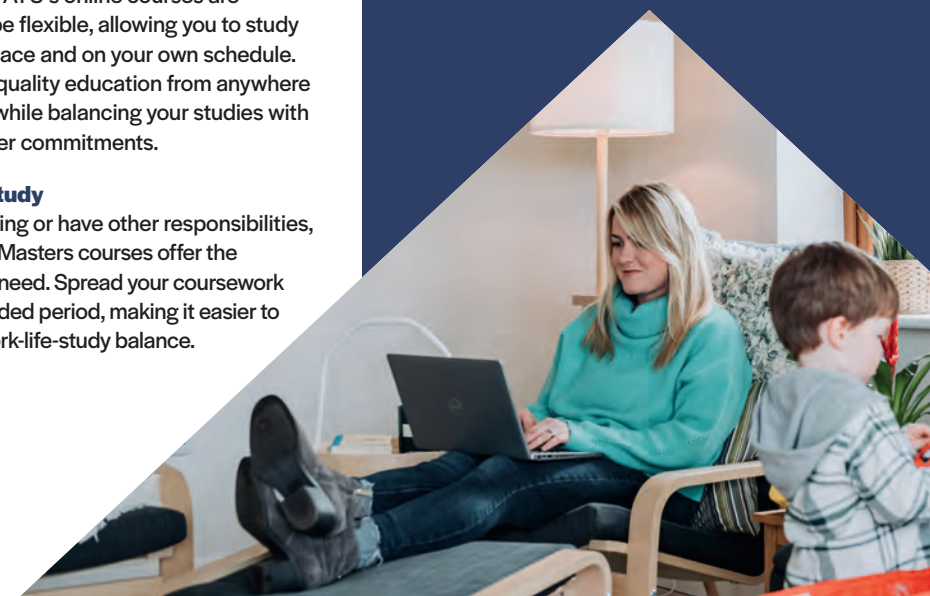
Dive into your studies intensively with our full-time Masters courses. Ideal for those looking to complete their degree quickly and focus exclusively on their education. Our full-time options offer an immersive and concentrated learning experience.

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

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 that they already know. With RPL, prior learning can count towards entry, advanced entry, credit or exemptions from modules at ATU. To apply for RPL, please visit atu.ie/rpl.



ATU Key Facts and Figures

463

Students engaged in **research**



149% Increase in research provision in the past 3 years



4,809 Undergraduates

5,957
Graduates

(in 2022)

1,148 Postgraduates

 **26%**

of Bachelor Honours Degree Graduates achieved 1st Class Qualification

 **22%**

of new entrants went into Engineering, Manufacturing and Construction, the most popular discipline of study.

 **67%**

of new entrants went into an Honours Bachelors Degree Programme

23,800+
Total Enrolments

(at 1st March 2023)

 **52%**
Full-Time

 **25%**
Part-Time

 **23%**
Remote/Online

ATU Global

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

The Interim List of Eligible Programmes (ILEP)

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

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

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

Equality, Diversity & Inclusion at ATU

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

1,398
International Students

40%
Europe

90+
Countries Represented

6%
North America

46%
Asia

8%
Rest of the World

Fees & Funding

Fees vary for each course, it is important that you check the relevant course webpage for further information regarding the fees for your course of interest. For the Fees Schedule, please visit www.atu.ie.

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 postgraduate course in 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 their study. 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 ATU Admissions team with your employer.

EU Fees/Non-EU Fees

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

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 revenue.ie and see the "Personal tax credits, reliefs and exemptions" section for more information.

Skillnet

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

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 atu.ie/springboard

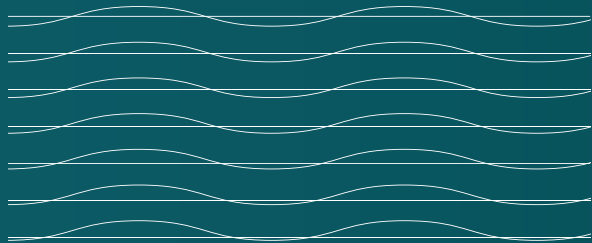




Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University

ATU Donegal



Master of Science Business Management

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

Key course details



Entry Requirements

The minimum entry requirements are a second-class 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 5-credit is 5 hours per week.



Examination & Assessment

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



On-Campus Attendance

12 hours of classes per week per semester.



Who should apply?

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

Course Contacts

Head of Department: Patricia Doherty: patricia.doherty@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

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

Master of Arts Accounting

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

Key course details



Entry Requirements

Applicants require an Honours Degree with a specialism in Accounting.



Study Hours

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



Examination & Assessment

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



External Accrediting Body

ACCA, ACA.



On-Campus Attendance

This is a full-time on-campus programme.



Who should apply?

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

Course Contacts

Head of Department: Patricia Doherty: patricia.doherty@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✗

ILEP Approved ✓

What will I study?

Modules

Tax Practice
Audit Practice
Advanced Financial Accounting
Data Analytics
Research Methods
Advanced Finance
Integrated Case Studies
IT Applications for the Professional Accountant
Performance Measurement
Work Based Learning Project or Dissertation

**Exit Award Available
Postgraduate Diploma*

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).



Financial Supports

HCI Pillar 3 Funding Available for this course.



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 IT needs of financial services companies and has been developed in collaboration with key employers within the relevant industry. The course is designed to enhance skills, judgment and ability to apply the regulatory requirements in the management and practice of compliance.

Online

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method Online

Campus Letterkenny

Total fees: €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*

Course Contacts

Admissions:
admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €9,960

Recognition of Prior Learning ✓

What will I study?

Modules

Context of Leadership, Innovation & Transformation

Transformational Leadership

Citizen Centric Policy Design

Change and Cultural Management

Digital Transformation & Shared Services

Performance Management

Research Project

Master of Business

Leadership and Innovation in the Public Sector (Executive)

This course 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 organization.

Key course details



Entry Requirements

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



Who should apply?

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

Course Contacts

Head of Department: Patricia Doherty: patricia.doherty@atu.ie
Admissions: admissions.donegal@atu.ie



An investment in executive education is the best decision you could possibly make for yourself, your career or your business! I have learned a lot about myself and our growing team – about how and why we manage and lead the way we do and how to adapt my leadership style to suit the situations and people involved. The calibre of faculty, guest lecturers and industry experts are outstanding. You will be exposed to some of the best and brightest minds available.”

Annette Houston - ATU Donegal

Managing Director of FM Services Group and Graduate of the Masters of Business in Innovation and Leadership



Master of Business Innovation and Leadership (Executive)

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



On-Campus Attendance

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



Who should apply?

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

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €12,600

Recognition of
Prior Learning ✓

What will I study?

Modules

- Organisational Context
- Innovation
- Managing People & Change Leadership
- Professional Development
- The Learning Organisation
- Dissertation

Course Contacts

Head of Department:

Patricia Doherty:
patricia.doherty@atu.ie

Admissions:

admissions.donegal@atu.ie

Master of Science Innovation in FinTech

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

Key course details



Entry Requirements

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



Financial Supports

HCI Pillar 3 Funding Available for this course.



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

Delivery Method Online

Campus Letterkenny

Total fees: €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 Arts Learning & 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 you to critically analyse your own teaching practice, and offer you 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. If you don't have an honours degree but have relevant experience you 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?

Our Master of Arts in Learning and Teaching is for full-time teachers in primary, secondary or third level sectors who wish to enhance their professional development, reflect on their own practice and develop new techniques and/or leadership skills.

Course Contacts

Head of Department: Dr. Brónagh Heverin:
bronagh.heverin@atu.ie

Admissions: admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €7,200

**Recognition of
Prior Learning ✓**

What will I study?

Modules

The following are mandatory modules:

Learning, Teaching and Assessment

Enhanced Learning Through Technology

Inclusive Curriculum using Universal Design for Learning

Learning and Teaching with Creativity

Research Methods

Student can then choose from a number of electives.

Master of Science Marketing

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

A blended approach of final exams and continuous assessment.



External Accrediting Body

Marketing Institute of Ireland.



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.

Course Contacts

Head of Department: Patricia Doherty: patricia.doherty@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Driving Marketing in SMEs
- Data Analytics
- Research Methods
- Omni-channel Marketing Communications
- Advanced Digital Marketing
- Innovation & the Entrepreneurial Mindset
- Managing Sales
- Shaping Consumer Behaviour
- Elective: Work Based Learning Research Project
- Elective: Dissertation

Master of Arts User Experience (UX) Design and Applied Innovation

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 (RPL) if they have attained appropriate experience and attainment thresholds deemed equivalent to a Level 8 award.



Financial Supports

HCI Pillar 3 Funding Available for this course.



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.

Online

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method Online

Campus Letterkenny

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

- User Experience Design - UX
 - Consumer Behaviour & Digital Markets
 - Innovation & New Product Development
 - Research Methods
 - User Interface Design - UI
 - Emerging Technologies
 - Professional Development
 - Work Based Learning Project
- *Exit Award Available Postgraduate Diploma*

Course Contacts

Course Coordinator:
Padraic Lynch:
Padraic.Lynch@atu.ie
Admissions:
admissions.donegal@atu.ie

Master of Science Strategy, Enterprise & Innovation

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

This is a full-time on-campus programme.



Who should apply?

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

Course Contacts

Course Coordinator: Donald Hannigan: donald.hannigan@atu.ie

Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Applied Strategic Management
- HRM and the Future of Work
- Customer Experience Strategy
- Data Analytics
- Research Methods
- Organisational Transformation
- Innovation and the Entrepreneurial Mindset
- Ethics, Social Responsibility and Sustainability
- Strategic Decision Making
- Dissertation OR Work Based Learning Research Project

Master of Science Engineering Management

This Masters is suitable for those who are seeking to combine technical knowledge and a strong understanding of engineering concepts, with business management techniques to solve engineering problems. These attributes will be supplemented with leadership skills to enable students to oversee complex engineering projects and make strategic business decisions related to engineering. This course was developed in consultation with industry to ensure that its graduates have the desired attributes.

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

Fours hours 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.



Who should apply?

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.

Course Contacts

Course Contact: Dr. Emmett Kerr: emmett.kerr@atu.ie

Admissions: admissions.donegal@atu.ie

On-Campus/Online

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus or Online

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Process Analysis and Improvement
- Operations and Supply Chain Management
- Data Analytics & Visualisation
- Leadership, Decision Making & Finance
- Project Management
- Research Practice
- Dissertation
- *Exit Award Available Postgraduate Diploma*

Master of Science Data Science

This Masters is an on-campus taught programme which focuses on topics applicable to Data Science. The course is designed for individuals who do not have a strong background in data science of related fields but want to transition into a career in data science or related areas.

The Masters includes a dissertation component which will offer students the opportunity to apply a range of topics covered in the programme to demonstrate an extended knowledge of and ability to work in the area of data science.

Key course details



Entry Requirements

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

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% Continuous assessment for most modules and two modules are 50% coursework and 50% final exam.



On-Campus Attendance

Full-time.



Who should apply?

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

Course Contacts

Head of Department: Jade Lyons: computing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Programming
 - Data Systems
 - Applied Statistics
 - Discrete Mathematics Elective
 - Descriptive Analytics and Visualisation
 - Data Operations and Management
 - Computational Mathematics
 - Machine Learning
 - Predictive Analytics
 - Deep Learning
 - Dissertation
- *Exit Award Available
Postgraduate Certificate*

Master of Science Big Data Analytics

This course focuses on the processes involved in examining and interpreting large amounts of data in 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 you with excellent qualifications to make the most of the ever increasing opportunities.

Key course details



Entry Requirements

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. If you do not have an honours degree but have relevant experience you 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

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% Continuous assessment for most modules and one module is 50% coursework and 50% final exam.



Who should apply?

This course 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

Head of Department: Jade Lyons: computing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Business Intelligence
- Machine Learning
- Big Data Analytics
- Mathematics for Analytics
- Big Data Architecture
- Data Science
- Dissertation

Master of Science Big Data Analytics & Artificial Intelligence

This course is a one year, full-time, or two years, part-time programme. It 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.

Key course details



Entry Requirements

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. If you do not have an honours degree but have relevant experience you 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

Between 10 and 20 hours per week for postgraduate courses.



Who should apply?

This course 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.

Course Contacts

Head of Department: Jade Lyons: computing.donegal@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

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

Master of Science Cloud Technologies

Our Master of Science in Cloud Technologies will augment your existing skills and knowledge to position you 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

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you do not have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



Study Hours

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

Full-time.



Who should apply?

If you already hold an honours degree in computing or an appropriate mix of academic qualifications and IT experience then this course will help maintain your self-development with a set of skills that are transferable to the broader computing industry.

These skill are reinforced with a strong emphasis on teamwork and the primary aim of the course is to empower you with the necessary theoretical and hands-on skills to allow you to work and make a significant contribution in a Cloud Technologies environment.

Course Contacts

Head of Department: Jade Lyons: computing.donegal@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Virtual Server Administration
Networking
Hybrid Cloud Technology
Storage Technologies
Security & Legal Issues
Infrastructure as Code (IaC)
Dissertation

Master of Science Supply Chain Analytics

Supply chain analytics is used to identify current and predict future risks by spotting patterns and trends throughout the supply chain. Supply chain analytics can also provide real-time analysis based on interpretation of the data. In this way companies will have far broader supply chain intelligence. They can become more efficient and avoid disruptions which will in turn support improved business models. The course 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. With the huge demands on the world's supply chains there has never been a better time to seek a qualification in this field.

Key course details



Entry Requirements

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

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

Full-time.



Who should apply?

This MSc course will be of particular interest to students who wish to understand how supply chains work and to use advanced analytic 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. Participants registered on this programme will generally aspire to a career in the logistics/supply chain management/analytics field.

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Supply Chain Management

Global Logistics

Operations Management

Data Modelling & Business Intelligence

Data Analytics & Visualisation

Supply Chain Analytics Project

Dissertation

Course Contacts

Head of Department:

Jade Lyons:
computing.donegal@atu.ie

Admissions:

admissions.donegal@atu.ie

On-Campus/Online

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus or Online

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Cryptography and Cryptographic Implementations

Decentralised Applications (D'Apps) Development and Smart Contracts

Distributed Ledger Technology, Cryptocurrencies and Non Fungible Tokens

Cybersecurity and Blockchains

Information Security Management

Blockchain Technology

Dissertation

Course Contacts

Head of Department:

Jade Lyons:
computing.donegal@atu.ie

Admissions:

admissions.donegal@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. 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

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

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% continuous assessment.



Who should apply?

This MSc 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.

Master of Science Cyberpsychology

The MSc in Cyberpsychology 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

8hrs of lectures per week, allow 15 - 20hrs study a week.



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

Full-Time.



Who should apply?

This MSc 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

Head of Department: Jade Lyons: computing.donegal@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

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

Master of Science Cybersecurity

Our Master of Science in Cybersecurity is a three block programme followed by a dissertation. Developed in collaboration with the IT industry following graduation you'll be perfectly positioned to make the most of your 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 you can apply your learning to demonstrate an extended knowledge and ability in that area.

Key course details



Entry Requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you do not have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



Study Hours

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% Continuous assessment most modules and one module is 50% coursework and 50% final exam.



On-Campus Attendance

Full-Time.



Who should apply?

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

Course Contacts

Head of Department: Jade Lyons: computing.donegal@atu.ie
Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Cryptography and Forensic Analysis
- Secure Information Systems
- Cybersecurity with Software Compliance
- Cybersecurity with Information Security Management
- Cybersecurity with Threat Management

Master of Science DevOps

The Master of Science in DevOps may be taken as a one year, full-time (normally on-campus) or two year, part-time (normally on-line) programme. The part-time online option will run subject to sufficient demand. DevOps is the practice of operations and development engineers participating together in the entire service lifecycle, 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

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you do not have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



Study Hours

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

Full-time.



Who should apply?

This course 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.

Course Contacts

Head of Department: Jade Lyons: computing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

DevOps Software Engineering
IaC for DevOps Pipelines
Placement
Disruptive processes and Technologies with DevOps
DevOps Project Management
Dissertation

On-Campus

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method On-Campus

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

IT Systems for Delivery of Healthcare
Wearable Sensor Technologies
Data Analytics and Statistical Analysis
Research and Development for Healthcare Innovation
Assessing Wearable Sensor Systems
Ethic in Healthcare Research

Course Contacts

Head of Department:

Jade Lyons:
computing.donegal@atu.ie

Admissions:

admissions.donegal@atu.ie

Master of Science Healthcare Innovation and Technology

Healthcare Innovation and Technology (or Health Informatics) sits at the intersection of information science, computer science, and healthcare. This field deals with a wide range of tools required for the acquisition, storage, retrieval, and use of information in healthcare. Graduates of this MSc 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

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) or have equivalent international qualifications to those outlined above.



Study Hours

Between 10 and 20 hours per week for postgraduate courses.



Examination & Assessment

100% Continuous assessment for most modules and two modules are 50% coursework and 50% final exam.



On-Campus Attendance

All modules for this course are delivered On-Campus.



Who should apply?

Given the complexity and budgetary constraints of modern healthcare, there is a clear need to provide modern knowledge-driven infrastructure to support the healthcare sector. This programme will provide healthcare professionals with the opportunity to develop their understanding of the field of ICT and its application to improving healthcare.

Master of Science Bioinformatics

This programme will meet the demand for professionals in the field of bioinformatics, with graduates gaining knowledge 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, graduating students will be work-ready.

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. 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?

The programme will be of relevance to anyone currently working in the life sciences, (bio)pharmaceutical, or medical sciences sector. This programme will appeal to students with a background 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. Computational Sciences graduates will also be interested, expanding existing knowledge for application in the specialised Bioinformatics domain.

Online

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method Online

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Genome Biology
Genomic Techniques & Databases
Bioinformatics Methods
Programming for Bioinformatics
Data Analysis (with R)
Bioinformatics Analysis on the Command Line
Research Dissertation
**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Head of Department:

Kim McFadden:
kim.mcfadden@atu.ie

Course Coordinator:

Paul Higgins:
paul.higgins@atu.ie

Blended

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-Time

Delivery Method Blended

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules

Advanced Research Methods
Theoretical Foundations in Alcohol & 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
Research Dissertation

Master of Science Therapeutic Interventions for Alcohol and Other Drugs

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 the ATU 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 6 Fridays on-campus per semester (12 in total). 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.

Course Contacts

Head of Department: Dr. Louise McBride:

deptofnursing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie



One of my best decisions was the part-time MSc in Sports Performance Practice at ATU, I found the practical classes very beneficial. For our Strength and Conditioning module for example, we were to take 4-5 students from a variety of sporting backgrounds and put them through a personalised 12-week programme. We were also able to have practical experiences in performance analysis by videoing a game of your choice, your sport, or your team and then we analysed the footage on campus with the help of the academic team”

Shane Porter - ATU Donegal
 Graduate of the Master of Science in Sports Performance Practice

Master of Science Sports Performance Practice

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

Key course details



Entry Requirements

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



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

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



Who should apply?

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

Course Contacts

Course Coordinator: Dr. Rónán Doherty: ronan.doherty@atu.ie

Admissions: admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

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

Master of Science Advancing Healthcare 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 - 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. RPL will be considered in accordance with the Quality Assurance of ATU.



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?

Suitable for progression for professionals working in the provision and delivery of ever-changing health and social care agenda.

Course Contacts

Head of Department: Dr. Louise McBride:
deptofnursing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or Part-Time

Delivery Method Blended

Campus Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules

Advanced Research Methods

Advanced Professional Leadership & Management

Behaviours of Concern

Contemporary Legal & Professional Issues

Cognitive Behaviour Therapy & Mindfulness

Research Dissertation

**For the full list of Modules, refer to the programme web page.*

Master of Science Professional Nursing

The programme provides nurses with a broad-based educational experience to practice at an advanced level incorporating key concepts such as advanced decision making, professional leadership, evidence-based practice, professional ethics, research knowledge and skills.

Key course details



Entry Requirements

Applicants must be a registered nurse with the Nursing and Midwifery Board of Ireland and hold a BSc (Hons) or equivalent NFQ Level 8 qualification in nursing or cognate discipline at 2nd class honours award level.



Study Hours

3 lecture days per module. 13 hours self directed learning weekly.



Examination & Assessment

100% continuous assessment.



External Accrediting Body

NMBI Accreditation.



On-Campus Attendance

Attendance is required at the Letterkenny Campus for 3 lecture days per module, with 2 modules delivered per semester.



Who should apply?

This programme is suitable for qualified, experienced nurses and midwives who wish to develop their knowledge, skills and competencies.

Course Contacts

Head of Department: Dr. Louise McBride:
deptofnursing.donegal@atu.ie

Admissions: admissions.donegal@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Letterkenny

Total fees: €10,800

Recognition of Prior Learning ✗

What will I study?

Modules

Research Methods for Evidence Based Practice

The Fundamentals of Professional Practice (Nursing)

Leadership and Clinical Decision Making for Advanced Practice

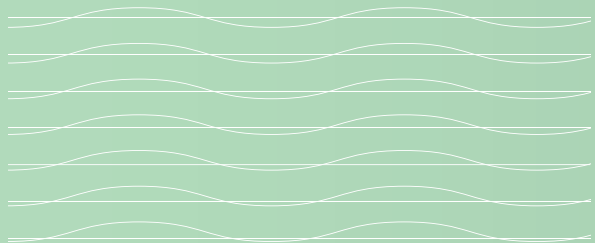
Advanced Practice in Person-centered Integrated Care

Quality and Innovation

Generating Evidence for the Healthcare Setting



ATU Galway City



Master of Arts Creative Practice

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.

The course is structured so as to balance general and specific demands of various practices. Students will be encouraged to work collaboratively as well as be independent, self-directed critical thinkers. The emphasis of the course is on the student completing a large practice-based project. This culminates with the production of a final exhibition, film screening or project presentation with a thesis demonstrating appropriate critical contextualization of the practice-based work.

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.



Who should apply?

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

Course Contacts

Head of Department: Dr. Gavin Murphy, Programme Chair

Admissions: learn.galwaymayo@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

**Campus Galway City,
Wellpark Road**

Total fees: €6,300

**Recognition of
Prior Learning ✓**

ILEP Approved ✓

What will I study?

Modules

Themes and Issues in Creative Practice

Professional Development

Research and Innovation

Elective: Research Project

Elective: Creative Practice Project

Elective: Minor Thesis

**Exit Award Available
Postgraduate Diploma*

Master of Science

Human Resource Management & Employee Relations

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

Key course details



Entry Requirements

Applicants must hold a cognate Level 8 degree with a minimum grade classification of H2.2 or equivalent



Study Hours

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. End of semester exams will take place on campus.



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 year or 2 years

**Study Mode Full-time or
Part-time**

Delivery Method Blended

**Campus Galway City,
Dublin Road**

Total fees: €7,200

**Recognition of
Prior Learning ✓**

ILEP Approved ✓

What will I study?

Modules

Competing Perspectives in People Management
Employment Law, Mediation and Negotiation

Human Resource Analytics & 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

Course Coordinator:

Colm Kelleher:
colm.kelleher@atu.ie

Admissions:
learn.galwaymayo@atu.ie

Postgraduate Diploma Accounting

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



External Accrediting Body

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



On-Campus Attendance

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



Who should apply?

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

On-Campus

Level 9

Credits 60

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

**Campus Galway City,
Dublin Road**

Total fees: €4,800

**Recognition of
Prior Learning ✓**

ILEP Approved ✓

What will I study?

Modules

Business Law Taxation 1

Ethics, Risk & Corporate Governance

Corporate Law

Taxation 2

Financial Accounting
Management Accounting
Financial Management

Course Contacts

Course Coordinator:

Dr Seamus Lennon:
seamus.lennon@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Arts Teaching & Learning

Postgraduate qualifications in Teaching & Learning are designed for those working in higher education and further education, either in Ireland or overseas.

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.

Master of Arts in Teaching and Learning - Level 8 Honours Degree (H2.2) and the Certificate in Teaching and Learning, and the Diploma in Teaching and Learning or equivalent.

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



On-Campus Attendance

All the modules on the programme are delivered in flexible, blended format. Typically, students attend the institute 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

Teaching & Learning Officer: Dr. Carina Ginty:
carina.ginty@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

**Campus Galway City,
Dublin Road**

Total fees: €7,200

**Recognition of
Prior Learning ✓**

What will I study?

Modules

Thesis in Education Science

Teaching and Learning Applied Project

Certificate in Teaching and Learning

Technology Enhanced Learning Student Centred Learning (SCL)

The Research Cycle: Foundation Education for Sustainability

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

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Master of Science Design & Innovation

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

This Masters programme is ideal if you want to:

- Upskill for leadership roles
- Enhance your organisation's capacity to innovate in products, services, and processes.
- Collaborate with peers from a range of professional experiences and backgrounds
- Future-proof your career and your organisation.

Key course details



Entry Requirements

H2.2 Level 8 degree in any discipline. Candidates with experience in the area will be considered for entry using RPL (Recognition of Prior Learning).



Examination & Assessment

The Masters is delivered primarily online, using a blended learning approach, and is 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?

The course has been designed for people in full or part-time employment.

Course Contacts

Course Coordinator: Emer Cahill: emer.cahill@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Applied Design Thinking
Principles and Processes

Product and Service Processes

Research Methods for Design
and Innovation

Design Innovation Project Year 2

Dissertation in Design and
Innovation

**Exit Award Available
Postgraduate Diploma*

Master of Science Computing

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



On-Campus Attendance

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



Who should apply?

Level 8 computing graduates, with good software development skills, who are interested in 12-month full-time study in on-campus / blended mode.

Level 8 computing graduates, who are working in computing roles in industry, who are interested in 2+ years of part-time study in blended mode.

Blended

Level 9

Credits 90

Duration 1 year or 2 years

Study Mode Full-time or
Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

**Taught Modules (10-credits
Each, Choose 6)**

Advanced Database
Technology

Cloud Native Computing

Computer & Network Forensics

Cybersecurity and Secure
Programming

Embedded Systems &
Pervasive Sensing

Machine Learning

Software Quality & Testing

Statistical Computing

Text & Sequence Analytics

**Research Modules
(Mandatory)**

Research Methods / Research
Seminar (5 Credits)

Research Project (25 Credits)

Course Contacts

Course Coordinator:

Dr. John Healy: john.healy@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Engineering Automation and Digital Manufacturing

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



On-Campus Attendance

No attendance required.



Who should apply?

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

Course Contacts

Course Coordinator: Carine Gachon: carine.gachon@atu.ie

Student Advisor: learn.galwaymayo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Research Methods

System Integration

Lean Automation

Data Driven Decision Making

Research Project in Automation
and Digital Manufacturing

Master of Science

Circular Economy in Leadership for the Built Environment

The Masters in Circular Economy Leadership for the Built Environment has been developed in close collaboration with construction industry professionals to provide a flexible, multidisciplinary and industry-focused programme. Participants on the course will discover a focused set of mandatory modules that cover all stages in the design-construction-operation and end-of-life process, that will address the competency, capability and skills requirements of the multiple supply chain stakeholders.

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.



Financial Supports

Discounted fees for DASBE students.



Study Hours

15-20 hours.



Examination & Assessment

Thesis and Research Paper.



On-Campus Attendance

No attendance required.



Who should apply?

This programme is designed to meet the continuous professional development needs for a multidisciplinary cohort across the built environment disciplines.

Blended

Level 9

Credits 90

Duration 1 year

Study Mode Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Circular Economy Principles for
the Built Environment

Circular Economy Leadership
and Organizational Transitions

Applied Circular Built
Environment Work-Based
Research Project

Circular Built Economy Minor
Thesis

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Course Coordinator: Dr. Mark
Kelly: mark.kelly@atu.ie

Admissions: learn.
galwaymayo@atu.ie



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

Gary O’Sullivan - ATU Galway City

Graduate of the Master of Science in Built Environment Regulation



Master of Science Built Environment Regulation

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.



Financial Supports

Discounted fees for DASBE students.



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 to meet the continuous professional development needs for a multidisciplinary cohort across the built environment disciplines such as Architecture, Engineering, Building Surveying, Architectural Technology, and Construction Management, among others. This course is also beneficial for new entrant graduates who have recently entered the workforce in the last 1-3 years.

Blended

Level 9

Credits 90

Duration 1.5 years or 2.5 years

Study Mode Full-time or Part-time

Delivery Method Blended

Campus Galway City, Dublin Road

Total fees: €6,000

Recognition of Prior Learning ✓

What will I study?

Modules

Introduction to Legislation for the Built Environment
Structures
Energy Conservation Services
Access and Use
Fire Safety (Dwellings)
Fire Safety (Buildings other than Dwellings)
Built Environment Research
Built Environment Thesis
**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Irene Hayden:
irene.hayden@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Science Building Information Modelling and Digital Leadership

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.



Financial Supports

Discounted fees for DASBE students.



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 require 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.

Blended

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Building Information Modelling (BIM) and Digital Leadership

Visual Programming for Digital Construction

Building Information Modelling for Sustainability

Build Digital Applied Work-Based Research Project

Build Digital Thesis

**Exit Award Available*

Course Contacts

Course Coordinator:

Jimmy Fahy: jimmy.fahy@atu.ie

Admissions:

learn.galwaymayo@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✗

ILEP Approved ✓

What will I study?

Modules

Studies in Conservation Behaviour

Data Analysis using R and RStudio

Residential Field Course

Applied Geographic Information Systems

Animal Behaviour: Recording and Analysis

Acoustic Monitoring as a Marine Conservation Tool

Research Thesis

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

Course Coordinators:

Dr. Martin Gammell: Martin.Gammell@atu.ie

Dr. Joanne O'Brien: Joanne.O'Brien@atu.ie

Admissions: learn.galwaymayo@atu.ie

Master of Science Applied Marine Conservation

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

Key course details



Entry Requirements

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



Examination & Assessment

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



On-Campus Attendance

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



Who should apply?

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

Course Contacts

Course Coordinator: Heidi Acampora: Heidi.Acampora@atu.ie

Admissions: learn.galwaymayo@atu.ie

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

Campus Galway City,
Dublin Road

Total fees: €6,300

**Recognition of
Prior Learning** X

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

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 Full-time

Delivery Method On-Campus

Campus Galway City,
Dublin Road

Total fees: €9,000

**Recognition of
Prior Learning** X

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

IMBRSea Professional Practice Portfolio

Animal Behaviour: Recording and Analysis

Acoustic Monitoring as a Marine Conservation Tool

Species Distribution Modelling

Seabird and Marine Mammal Population Assessment Techniques

Ecology of Top Predators in Marine Systems

Statistical Analysis in Population Ecology

Secondary Impacts of Harvest on Wild Populations and Ecosystems

Life History Strategies and Trade-Offs

Erasmus Mundus Research Thesis

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.



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

Course Coordinators: Dr. Eugene McCarthy:
Eugene.mccarthy@atu.ie
Dr. Trish O'Connell: trish.oconnell@atu.ie
Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 15 months

Study Mode Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Bioprocessing Technology

Design and Analysis of
ExperimentsElective: Biopharmaceutical
ScienceElective: Quality Management
Systems and Regulatory AffairsElective: Applied Immunology,
Immunotherapeutics and
Vaccine Technology

Six Sigma Management

Validation for
BiopharmaceuticalsElective: Biopharmaceutical
FacilitiesElective: Machine Learning and
VisionAdvanced Biopharmaceutical
Science

Applied Research Project

Master of Science

Entrepreneurship and Biopharmaceutical Manufacturing

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.



Financial Supports

Students who enter this course from the Postgraduate Diploma pathway in 2024/2025 can avail of HCI Pillar 1 funding. HCI will cover 100% of the Postgraduate Diploma tuition fee for unemployed candidates, and 90% for employed candidates. The total fee for employed candidates is €720. Students pay an additional fee to complete the course to Masters level.



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.

Blended

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Strategic Marketing and
CommunicationPrinciples of Finance and
Accounting

Managing Innovation

Leadership and Teams

Six Sigma Management

Validation for
BiopharmaceuticalsAdvanced Biopharmaceutical
Science

Bioprocessing Technology

Quality Management and
Regulatory Affairs

Research Project

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:
Dr. Eugene McCarthy:
Eugene.McCarthy@atu.ie
Admissions:
learn.galwaymayo@atu.ie

Master of Science Entrepreneurship and MedTech

The MSc in 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

A H2.2 Bachelors degree at Level 8 in any cognate discipline or equivalent in science, technology, or engineering is the minimum entry requirement for this programme. Applicants who do not hold the specified qualification, may apply through the ATU RPL (Recognition of Prior Learning) process for admission to the programme.



Financial Supports

Students who enter this course from the Postgraduate Diploma pathway in 2024/2025 can avail of HCI Pillar 1 funding. HCI will cover 100% of the Postgraduate Diploma tuition fee for unemployed candidates, and 90% for employed candidates. The total fee for employed candidates is €720. Students pay an additional fee to complete the course to Masters level.



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?

Ideal for aspiring entrepreneurs, business professionals, and innovators who are passionate about the intersection of business and medical technology. The program is designed for individuals who want to take on leadership roles, such as healthcare entrepreneurs, innovation managers, and business strategists in the MedTech industry.

Blended

Level 9

Credits 90

Duration 1 Year

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

- Strategic Marketing and Communication
 - Principles of Finance and Accounting
 - Managing Innovation
 - Leadership and Teams
 - Global Regulatory Strategies for Medical Technologies
 - Medical Technologies
 - Pre-clinical Evaluation and Assessment
 - Design Control and Risk Management
 - CEO Masterclass
 - Research Project 1
 - Design of Experiments and Analysis
 - Research Methods
 - Research Project 2
- *Exit Award Available Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dr. Senthil Alagesan:
senthilkumar.alagesan@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €5,500

Recognition of
Prior Learning ✓

What will I study?

Modules

- Medical Device Product life-cycle
- Design of Experiments & Analysis
- Research Methods
- Research Project
- Leadership and Teams
- Managing Innovation
- Applied Research Project

Master of Science End-to-End Sterility Assurance

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.



Financial Supports

Discounted fees for Irish Medtech Skillnet Members.



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.

Master of Science International Medical Technologies, Innovation and Development

This programme develops the necessary skills required to strategically support the innovation journey of medical technologies for access into target international markets. Learners will not only develop critical research skills to support the convergence in medical technologies but will also understand regulatory requirements and advanced testing methods to meet the business strategy and plans for the market for new technologies.

Key course details



Entry Requirements

A H2.2 Bachelor degree at Level 8 in any cognate discipline or equivalent in science, technology or engineering, is the minimum entry requirement for this programme.



Study Hours

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



On-Campus Attendance

Semester 1: Evening on-site practical every four weeks.
Semester 2: Four one-day workshops held every four weeks. Two on-site device evaluation practicals in ATU Galway City's Medical Imaging suite. Four network evening events with key opinion leaders.



Who should apply?

This programme has been designed for people in full-time employment in the MedTech/Life Sciences sector seeking to progress their careers.

Course Contacts

Course Coordinator: Joaquin Penide: Joaquin.penide@atu.ie

Head of Department:

Dr. Eugene McCarthy: eugene.mccarthy@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 1.5 years

Study Mode Part-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Design Control and Risk
Management

Medical Technologies

Design and Analysis of
Experiments

Global Regulatory Strategies for
Medical Technologies

Pre-clinical Evaluation and
Assessment

CEO Masterclass

Research Project in Medical
Technologies

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 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.



External Accrediting Body

Pending Sport and Exercise Nutrition register (SENr) accreditation.



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.



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 1.5 years

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Sports & Exercise Nutrition
Research in Practice 1

Advanced Sports & Exercise
Nutrition

Human Nutrition

Sports & Exercise Physiology

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

Laboratory Techniques in
Sports & Exercise Nutrition

Research Methods

Research project

**Exit Award Available*

Course Contacts

Course Coordinator:

Karen Keane:

karen.keane@atu.ie

Admissions:

learn.galwaymayo@atu.ie



I finished my undergraduate studies in May 2021 and began working in the Blackrock Health Galway Clinic in June 2021. In my current role in the Galway Clinic I work primarily within the Biochemistry and Near Patient Testing departments. I chose this MSc because of the blended learning, which consists of a mix of pre-recorded lectures and some live tutorial sessions, which fits around the busy work life schedule of a Medical Scientist. Studying online with ATU has given me the first step towards being qualified for promotional roles within clinical laboratories, such as Senior and Specialist Medical Scientist, along with the in depth subject knowledge which is required to fulfil them.”

Fiachra Nolan - ATU Galway City
Graduate of the Master of Science in Medical Science

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.



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

Course Coordinators: Dr. Karen Finn: karen.finn@atu.ie

Dr. Brian Moran: brian.moran@atu.ie

Admissions: learn.galwaymayo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Galway City,
Dublin Road

Total fees: €8,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Design and Analysis of
Experiments

Research Methods

Advances in Clinical Laboratory
Diagnostics

Molecular Diagnostics and
Bioinformatics

Research Project in Medical
Science

Applied Quality Management
for the Clinical Diagnostic
Laboratory

Clinical Laboratory and Project
Management

For the full list of Elective
Modules, refer to the
programme web page.

**Exit Award Available*

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 Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Principles of Food and
Nutritional Science

Consumer and Trained Panel
Sensory Science

Sensory Techniques for
Nutrition Research

Food Packaging and Marketing
for Product Development

Statistics for Sensory Science

Research Methods

Research Project 1

Research Project 2

Course Contacts

Course Coordinators:

Dr. Paula Conroy:
paula.conroy@atu.ie

Dr. Clare Gilsenan:
clare.gilsenan@atu.ie

Admissions:
learn.galwaymayo@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-based lab assessments.



External Accrediting Body

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



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.



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 wellbeing.

Blended

Level 9

Credits 90

Duration 1.5 years

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Strength & Conditioning
Science and Application

Psychology - Coaching and
Motivation

Applied Sport Technology

Strength and Conditioning
Theory and Practice

Exercise Physiology, Nutrition
and Human Performance

Research Methods

Research Project

**Exit Award Available*

Course Contacts

Course Coordinator:

Dr. Ed Daly: ed.daly@atu.ie

Admissions:
learn.galwaymayo@atu.ie

Master of Science Sport and Clinical Biomechanics

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



On-Campus Attendance

Mandatory practical sessions 2 days per month.



Who should apply?

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

Course Contacts

Course Coordinator: Dr. Siobhan Leahy: siobhan.leahy@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 1.5 years

Study Mode Full-time

Delivery Method Blended

Campus Galway City,
Dublin Road

Total fees: €6,300

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Foundations of Human
Movement

Clinical Biomechanics

Applied Sports Biomechanics

Applied Sport Technology

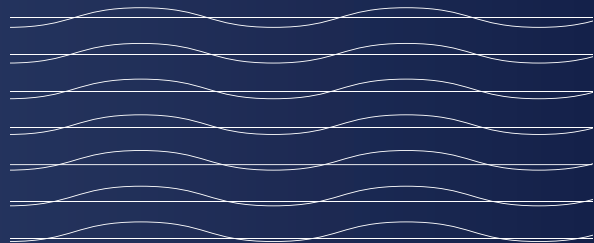
Research Methods

Research Project 1

Research Project 2



ATU Mayo





Having a course at our doorstep in the West of Ireland is vital going forward as it meets the growing need for skilled Marketing professionals in this part of the country. If the global pandemic has taught us anything, it's the need to utilise the online world to the best of our ability. Courses like this one has helped me and will help SME's all across the region do just that."

Sam O'Neill - ATU Mayo
Graduate of the Master of Science in Digital Media and Marketing



Master of Science Digital Media and Marketing

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 marketing technology-enabled marketing strategies, developing their practical and analytical digital skills with their strategic marketing skills and knowledge.

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

This programme is not on campus; the programme is delivered online. However, there is a 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.



Who should apply?

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

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Search Engine Analytics
Visualisation for Strategic
Decision Making

Marketing Strategy Theory and
Application

Digital Content and Marketing
Technology

Research Methods and Critical
Analysis

Dissertation with Work Based
Learning Project

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Sharon Boyle:
sharon.boyle@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Arts Transformative Practices in Equality, Diversity and Inclusion

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.

Course Contacts

Course Coordinator: John Mulloy: john.mulloy@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Creative Pedagogy and Research

Collective Transformation

Law, Policy and Activism

Histories of Inequality

Community Engagement

Preparation for Research/Action Project

Power and Knowledge

Contemporary Issues in Equality, Diversity and Inclusion

Research / Action Project

**Exit Award Available
Postgraduate Diploma*

Master of Science Sustainability Leadership

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

Attendance is required for monthly block delivery.



Who should apply?

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

Course Contacts

Course Coordinator: Dr. Deirdre Garvey: deirdre.garvey@atu.ie

Admissions: learn.galwaymayo@atu.ie

Blended

Level 9

Credits 90

Duration 1 year

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Understanding the Sustainability Challenges

Assessing the Impact

Sustainability Leadership & Change

Critical Thinking & Decision Making

Strategic Management for Sustainability

Governance for Sustainability

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*



I was looking for a course to validate the work I was doing in the outdoors with populations with special needs, and to help give me the words, theory and tools to explain what I was seeing with my groups. The course combines the use of nature as a tool for physical and mental wellbeing, connection to nature, the role of our sense of place, the use of blue and green spaces, as well as policy, international developments and research methods. The lecturers are experts in their field; their passion and willingness to share knowledge and to develop each student as a unique individual is so inspiring.”

Amy Walsh - ATU Mayo

Graduate of the Master of Science in Outdoor Education, Sustainability and Wellbeing



Master of Science Outdoor Education, Sustainability and Wellbeing

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

100% continuous assessment.



On-Campus Attendance

4 residential workshops per semester at the ATU Mayo Campus.



Who should apply?

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

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Education for Sustainability

Nature and Wellbeing

Experiential Learning,
Landscape and Place

Applied Research

Dissertation/Applied Research
Project

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Kevin O'Callaghan:

Kevin.ocallaghan@atu.ie

Applications and RPL:

Mairéad Cluskey:

mairread.cluskey@atu.ie

Master of Science Cybersecurity Operations

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. This programme is developed in collaboration with ATU Industry partners, Hewlett Packard Enterprises (HPE).

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.

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Incident Detection and Response

Programming for Cybersecurity

Security Operations

Research Methods

Dissertation

**Exit Awards Available*

Course Contacts

Course Coordinator:

Dr. Seamus Dowling:
seamus.dowling@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Science Quality and Safety in 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.

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Governance & Compliance for Quality

Safer Systems

Quality & Innovation

Person Safety

Critical Thinking & Decision Making

Applied Research

Dissertation

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dr. Carmel Heaney:
carmel.heaney@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Science Quality and Safety in Healthcare

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.



Financial Supports

Residential Accommodation is included in the fees.



Study Hours

It is recommended that students allow up to 10 hours per week per 10 credit module for studies.



Examination & Assessment

This programme has a strong focus on 'practice'. Many of the assessments 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

16 days on-site at the Mayo Campus in Year 1 (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. Students undertake a dissertation in Year 2, and will attend agreed meeting dates with their allocated supervisor, in-person or online.



Who should apply?

People working across health and social care organisations in administrative and or practitioner roles looking to upskill. Career opportunities include in quality management, audit, compliance, general management, governance, and person safety roles.

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Governance & Compliance for Quality

Safer Systems

Quality & Innovation

Person Safety

Critical Thinking & Decision Making

Applied Research

Dissertation

**Exit Awards Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dr. Carmel Heaney:
carmel.heaney@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Science Palliative and End of Life Care

This programme designed for professionals working in areas that cater for people in palliative and end of life care. This programme is externally accredited by the NMBI - Nursing and Midwifery Board of Ireland. Entry to this programme is via the Postgraduate Diploma in Palliative Care pathway, which offers standalone modules. Students on the Masters programme will undertake an applied research project.

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 operationalized.



Financial Supports

Residential Accommodation is included in the fees.



Study Hours

Students can expect to allow for 6 hours of study per week. Continuous assessment methods are utilised which may consist of presentations, assignments, debates, discussions & book reviews.



Examination & Assessment

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.



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.

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Principles of Palliative and End of life Care

Psychosocial, Ethical and Spiritual Care

Effective Symptom Management in Life Limiting Conditions

Elective: Reflective Practice

Elective: End of Life Care for the Person with Dementia

Applied Research

Bereavement and Loss

Clinical Practice Placement (for nurses),

Elective: Creative Arts in Palliative Care

Dissertation

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Daniel Caldwell:
daniel.caldwell@atu.ie

Admissions:

learn.galwaymayo@atu.ie

Master of Science

Applied Leadership and Management in Healthcare

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 a student 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.

Course Contacts

Course Coordinator: Clodagh Geraghty:
Clodagh.Geraghty@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

- Applied Research
- Leadership and Management
- Employment Law and Finance
- Governance and Compliance for Quality
- Critical Thinking and Decision Making
- Strategic Organisational Dynamics and Change for Leaders
- Applied Research Project
- *Exit Awards Available*
- Postgraduate Certificate*
- Postgraduate Diploma*

Master of Science

Applied Leadership and Management in the Public Sector

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 should allow up to 10 hours a 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.

Course Contacts

Course Coordinator: Clodagh Geraghty:
Clodagh.Geraghty@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

- Leadership and Management
- Employment Law and Finance
- Governance and Compliance for Quality
- Critical Thinking
- Strategic Organisational Dynamics and Change for Leaders
- Applied Research Project
- *Exit Awards Available*
- Postgraduate Certificate*
- Postgraduate Diploma*

Master of Science Applied Leadership and Management in Social Care

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 should 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.

Course Contacts

Course Coordinator: Clodagh Geraghty:
Clodagh.Geraghty@atu.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Mayo

Total fees: €7,200

Recognition of
Prior Learning ✓

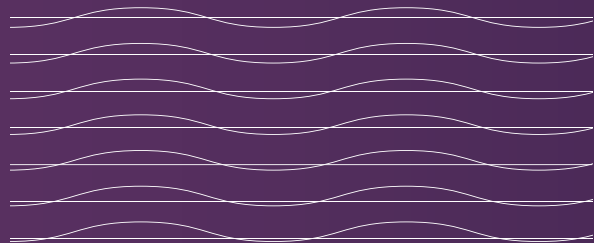
What will I study?

Modules

- Leadership and Management
- Employment Law and Finance
- Governance and Compliance for Quality
- Critical Thinking
- Strategic Organisational Dynamics and Change for Leaders
- Applied Research Project
- *Exit Awards Available*
Postgraduate Certificate
Postgraduate Diploma



ATU Sligo



Master of Arts Creative Practice

This Masters provides students with access to progression pathways in the field of creative arts. It offers learners with the opportunity to bring a piece of their practice in their chosen art-form(s) to a professional industry standard, through the application of theory, methods and the practice of applied research within the creative industry. This work will be supervised and guided by tutors who work in the creative sector.

Key course details



Entry Requirements

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



Study Hours

You can complete the course in a minimum of 3 Semesters (18 months) or take a maximum of up to 5 years in a part-time mode.



Examination & Assessment

Continuous assessment, with greater emphasis on the final module which is valued at more than half the overall credits for the MA. This module will see 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 breath, 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.

Course Contacts

Admissions: admissions.sligo@atu.ie

Blended

Level 9

Credits 90

Duration 1.5 years or max 5 years

Study Mode Full-time or Part-Time

Delivery Method Blended

Campus Sligo

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

- Creative Practice Research Methods
- Place, Space and Culture
- Introduction to Dissertation
- Interdisciplinary Craft and Technique
- Creative Specialism
- Practice Dissertation

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

- 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
- Social Inclusion and Diversity
- Final Research Project
- *Exit Award Available Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dr. Leonard Taylor:
leonard.taylor@atu.ie

Student Advisor:

Mary Nicholson:
mary.nicholson@atu.ie

Master of Arts Social Care and Social Justice

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 above, 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.

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 on campus attendance.



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.

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method Blended

Campus Sligo

Total fees: €9,000

Recognition of Prior Learning X

ILEP Approved ✓

What will I study?

Modules

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

Course Contacts

Programme Coordinator

Brenda Feeney:
 brenda.feeney@atu.ie



Master of Arts Leadership and Advocacy in the Early Years

Ireland's Early Learning and Care (ELC) sector needs effective and confident leaders across the fields of practice, policy, advocacy, regulation, education and professional development. This transformational leadership-development programme is specifically designed for Early Years professionals who are moving into roles with increased strategic and leadership responsibilities. The programme will act as an important guide as students harness their existing strengths, build new competencies, and develop their own unique leadership identity.

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 there is a residential programme at the 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.

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Sligo

Total fees: €7,200

**Recognition of
Prior Learning ✓**

What will I study?

Modules

Leadership in Practice for Early Learning & Care Professionals

Pedagogical Leadership & Advocacy

Childrens' Lives

Contemporary Psychology for Leadership & Advocacy in ECEC

Leading Interprofessional & Interagency Collaboration

Researching Leadership & Advocacy in the Early Years

Organisations & Change

Research Project

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Sinead Barrins:
sinead.barrins@atu.ie

Student Advisor:

Mary Nicholson:
mary.nicholson@atu.ie

Master of Science Marketing

The aim of this online MSc in Marketing 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 dynamic 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. The MSc in Marketing can be completed online in one calendar year full-time or in 2 to 3 years part-time. Learners who have completed the Postgraduate Certificate and Diploma can choose to complete a dissertation or capstone project to achieve their Masters qualification.

Key course details



Entry Requirements

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). Other Level 8 (Honours) primary degrees in any discipline plus 3 years relevant work experience in a management/supervisory role.



Study Hours

There will be two to three modules per semester and each will have two to three hours of live online lectures per week. Live lectures normally take place after 6pm, Monday to Thursday, and may vary depending on the availability of specific lecturers. The live lectures are recorded for students that cannot attend live sessions. For the full-time study of the MSc in Marketing, there will be five to six modules per semester.



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 on-campus 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 Marketing analytics.

Online

Level 9

Credits 90

Duration 1, 2 or 3 years

Study Mode Full-time or Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

**Recognition of
Prior Learning ✓**

ILEP Approved ✓

What will I study?

Modules

Business Analytics

Digital Marketing

Digital Customer Experience

Design Thinking for Innovation

Digital Brand Management

Digital Sales

Emerging Technologies and Applications

Research Methods

Strategic Marketing

CSR and Sustainability in Marketing

Dissertation or Capstone Project

**Exit Award Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Admissions:

admissions.sligo@atu.ie

Master of Science 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

Applicants with a 2.2 Honours award and five years of relevant work experience can apply for this course. Applicants with a business-related level 7 qualification along with three years of relevant work experience can apply through the recognised prior learning (RPL) process.



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.

Course Contacts

Course Coordinator: Alan Kelly: admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

- Business Analytics
- Emerging Technologies and Applications
- Agile Software Project Management
- Networking, Cloud and CyberSecurity
- Digital Customer Experience
- Design Thinking for Innovation

*For the full list of Modules, please see the programme web page.

**Exit Award Available Postgraduate Diploma*

Master of Science Project Management

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

Final exams and continuous assessment.



On-Campus Attendance

No attendance is required on campus. Exams may be available online, subject to eligibility.



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.

Course Contacts

Course Coordinator: David Collery: admissions.sligo@atu.ie
Student Advisor: Sallyanne Downes: sallyanne.downes@atu.ie

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

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

For the full list of Elective Modules, refer to the programme web page.

**Exit Awards Available Postgraduate Certificate Postgraduate Diploma*

Master of Arts Professional Leadership

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 Sligo'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 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.

Course Contacts

Course Coordinator: Esther Quinn: esther.quinn@atu.ie
Student Advisor: Mary Nicholson: mary.nicholson@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,000

Recognition of
Prior Learning ✓

What will I study?

Modules

- Understanding Leadership
 - Organisational Psychology
 - Financial Management
 - Strategy and Practice
 - Elective: Leading and Managing Remote Teams
 - Elective: Business Sustainability and Human Rights
 - Elective: Corporate Governance
 - Elective: Emerging Trends in Leading & Leadership
 - Research Design & Development
 - Research Thesis
- *Exit Award Available
Postgraduate Certificate*



I work in third level education with the Royal College of Surgeons in Dublin. We are the only University of Medicine and Health science in Ireland. I am Head of Assessment for the university and contribute to undergraduate assessment development in both Ireland and Bahrain. Completing this Masters has made me think differently about where my career goes next – I feel that this experience has blown away self-imposed limitations. It has made me think differently about my career trajectory and helped me personally feel that I can and will break the glass ceiling.”

Murioisa Prendergast - ATU Sligo
 Graduate of the Master of Arts in Professional Leadership

Master of Science Strategic People Management

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.



External Accrediting Body

Chartered Institute of Personnel and Development (CIPD).



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.

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

The World of Work
Resourcing and Talent Management
Strategic HRM
Personal and Professional Effectiveness
Strategic Employee Relations
Strategic Reward Management
Research Methods
Capstone Project
Advanced Diversity and Inclusion OR Advanced Employment Law
**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Mary Gilmartin:
admissions.sligo@atu.ie

Admissions:

admissions.sligo@atu.ie

Master of Arts Universal Design for Learning

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. Successful completion of the Postgraduate Certificate in Universal Design for Learning is a pre-requisite.



Study Hours

This semester runs over 30 weeks and comprises of the MA research project. You will be paired with Supervisor(s) that will provide guidance on a weekly basis throughout your research project.



Examination & Assessment

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.



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.

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of
Prior Learning ✗

What will I study?

Modules

Understanding the UDL Framework
Implementation of UDL to Support Student Learning
Research Project

Course Contacts

Course Coordinator:

Maureen Haran, PhD(c):
maureen.haran@atu.ie

Admissions:

admissions.sligo@atu.ie

Master of Science Computing (Data Science)

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 6 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 have 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. Students also undertake a Research Project.



On-Campus Attendance

No attendance required.



Who should apply?

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 for professionals in a wide variety of fields and industries.

Course Contacts

Course Coordinator:

Dr. Saritha Unnikrishnan: admissions.sligo@atu.ie

Admissions: admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,000

**Recognition of
Prior Learning ✓**

What will I study?

Modules

Applied Statistics and Probability

Introductory Programming for Data Science

Applied Linear Algebra

Data Analytics and Visualisation

Machine Learning

Research Methods for Data Science

Research Methods for Data Science

Data Science Research Thesis

**Exit Award Available*

Postgraduate Certificate

Master of Engineering Connected and Autonomous Vehicles

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.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €10,800

**Recognition of
Prior Learning ✓**

What will I study?

Modules

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

MEng CAV Research Dissertation

Master of Engineering Geotechnical and Structural Engineering

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

Key course details



Entry Requirements

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



Study Hours

It is recommended that you should try to allow for 5-6 hours per week per 5-credit module to your studies.



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.

Online

Level 9

Credits 90

Duration 2/3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,000

**Recognition of
Prior Learning ✓**

ILEP Approved ✓

What will I study?

Modules

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

Course Contacts

Course Coordinator:

Dr. Pat Naughton:
admissions.sligo@atu.ie

Student Advisor:

Sallyanne Downes:
sallyanne.downes@atu.ie

Master of Engineering Road and Transport Engineering

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, analytics, 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.



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.

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €12,000

**Recognition of
Prior Learning ✓**

What will I study?

Modules

Transportation Planning
Geotechnical Engineering I
Structural Inspection and
Assessment of Bridges
Construction Contracts &
Liabilities
Traffic Control and Safety
Road Pavement Design and
Management
Research Methods
Drainage Systems Design and
Flood Management
Road and Transport Scheme
Design
Geotechnical Engineering II
Design of Bridge Structures
Project Management and
Appraisal
MEng Research Dissertation

*Exit Award Available

Course Contacts

Course Coordinator:

Brian McCann:
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

Course Coordinator: Dr John Donovan: admissions.sligo@atu.ie
Student Advisor: Stephanie Gregg: stephanie.gregg@atu.ie

Online

Level 9

Credits 60

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Strategic Management
 Applied Project Management
 Integrated Quality
 Value Stream Optimisation
 Transformational Change
 System Simulation Modelling and Analysis
 Advanced Experimental Design
 Research Methods
 Research Thesis

Online

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €11,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Project Planning
 Transformational Change
 Environmental Policy, Planning and Environmental Impact Assessment
 Environmental Legislation
 Project Implementation
 Business Management and Entrepreneurship
 Contracts and Procurement
 Integrated Management Systems
 Data Analysis and Information Management
 Strategic Management
 Innovative Treatment Processes & Technologies
 Asset Management and Resilience
 Dissertation

Course Contacts

Course Coordinators:
 Noel Connaughton: admissions.sligo@atu.ie
 Mary Nicholson: mary.nicholson@atu.ie

Master of Science Water Services Management

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.

Graduates greatly enhance career opportunities at senior management level in the public and private water/wastewater sector.

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. Students who successfully complete Year 2 are entitled to be awarded a Postgraduate Diploma in Water Services Management.



External Accrediting Body

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



On-Campus Attendance

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



Who should apply?

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

Master of Science Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing

This programme is run in conjunction with NIBRT (National Institute for Biopharmaceutical Research and Training), with many lecturers and guest lecturers from NIBRT. The programme seeks 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 in other third level institutions, in accordance with ATU procedures.



Study Hours

4 hours independent study per week are recommended per module.



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.

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €8,496

Recognition of
Prior Learning ✓

What will I study?

Modules

Introduction to Advanced
Therapy Medicinal Products

Molecular Engineering

Cell Processing 1

Biocontamination Monitoring &
Control in ATMP Manufacturing

Cell processing 2 with QC
Analytical techniques

Research Methods Biopharma

ATMP Thesis

Course Contacts

Course Coordinator:

Dr. Margaret Doherty:
admissions.sligo@atu.ie

Admissions:

admissions.sligo@atu.ie

Master of Science

Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing

This programme is run in conjunction with NIBRT (National Institute for Biopharmaceutical Research and Training), with many of the lecturers and guest lecturers from NIBRT. This MSc in ATMP Technology and Manufacturing 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 in other third level institutions, in accordance with ATU procedures.

RPL is a process that may allow you to gain admission to a programme or to receive exemptions / credit from some parts of a programme based on demonstrated learning that you may have achieved through another programme of study or through your work and career.



Study Hours

4 hours independent study per week are recommended per module.

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €12,000

Recognition of
Prior Learning ✓

What will I study?

Modules

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

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
ATMP thesis

Course Contacts

Course Coordinators:

Dr. Margaret Doherty:
admissions.sligo@atu.ie

Admissions:

admissions.sligo@atu.ie

Master of Science BioIndustry 4.0

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

Key course details



Entry Requirements

The programme is open to 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 in other third level institutions, in accordance with ATU procedures.



Study Hours

It is recommended that students allow for 6hrs on average per week per 5 ECTS 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 on-campus attendance required.



Who should apply?

The programmes are 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.

Course Contacts

Course Coordinators: Mary Butler: admissions.sligo@atu.ie
Admissions: admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €8,496

Recognition of Prior Learning ✓

What will I study?

Modules

Introduction to BioIndustry 4.0

Biologics Manufacturing:
Current and Future

Regulation, Risk and
Compliance (Elective)

Research Methods Biopharma
(Elective)

BioIndustry 4.0 Theory and
Practice

BioIndustry Data & Digital
Technologies

BioProcesssing Thesis

**Exit Award Available
Postgraduate Diploma*

Online

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €8,496

Recognition of Prior Learning ✓

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 Recognition of 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

Course Coordinator: Dr. Margaret Doherty:
admissions.sligo@atu.ie
Student Advisor: Mary Tully: mary.tully@atu.ie

Master of Science Bioprocessing Science

This course is designed to provide candidates 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 Biotechnology 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 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 consideration through the ATU Sligo RPL Recognition of Prior Learning process.



On-Campus Attendance

Full-time using on-site delivery, online delivery modes plus laboratory scale and pilot scale experiments in ATU 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. Postgraduates may also find employment more broadly within the Healthcare sector, medical device industries and in areas of Research and Development.

Course Contacts

Programme Coordinator: Sharon Barrett: Sharon.barrett@atu.ie
Admissions: admissions.sligo@atu.ie

Blended

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method Blended

Campus Sligo

Total fees: €4,950

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

Master of Science Biopharmaceutical Science

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

Key course details



Entry Requirements

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



Study Hours

The recommend study time for a 5 credit module is 4 to 5 hours each week. This includes lectures, independent learning and revision.



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.

Course Contacts

Course Coordinator: Mary Butler: 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

Delivery Method Online

Campus Sligo

Total fees: €12,000

Recognition of Prior Learning ✓

What will I study?

Modules

Fermentation and Cell Culture Processing
Legislation and Regulatory Affairs
Protein Purification Processing
Research Methods Biopharma
Facility Design and Operation
Biocontamination Monitoring and Control
Bioanalytical Techniques
Biopharma Process Validation
Lean Sigma for BioPharma
Biopharmaceutical Dissertation

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

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. There is also a requirement to have completed a minimum of two years of practical industrial experience in an appropriate manufacturing environment. 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.



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

Course Coordinator: Lisa Costello: admissions.sligo@atu.ie

Admissions: admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €16,200

Recognition of Prior Learning ✕

What will I study?

Modules

MIPS1 - Active Pharmaceutical Ingredients and Pharmaceutical Analysis

MIPS2 - Chemistry, pharmacology and toxicology of therapeutics

MIPS3 - Regulation and licensing of Pharmaceutical and Biotechnology products and Medical Devices

MIPS4 - Formulation of dosage forms, sterile pharmaceuticals and advanced drug delivery systems

MIPS5 - Processes and production and pharmaceutical Quality systems

MIPS6 - Management of Pharmaceutical Operations and Projects

MIPS7 - Research Project

Online

Level 9

Credits 90

Duration 2.5 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €13,000

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

EU Medical Technology Regulatory Affairs- Advanced

US Medical Technology Regulatory Affairs Advanced

Risk Management, Labelling and Promotion

Global Medical Technology Regulatory Affairs Part 1

Clinical Evaluation Reporting

Quality Management System

Global Medical Technology Regulatory Affairs Part 2

Design Assurance, Sterilisation and Biocompatibility

Post Market Surveillance

Medical Technology Regulatory Affairs Dissertation

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 Sligo and in conjunction with an industry taskforce comprised of regulatory experts from the Irish Medtech Association (IMA) Regulatory and Quality Working Group, the course is supported by the Irish Medical Devices Association 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.



Examination & Assessment

This programme is assessed via 100% continuous assessment



On-Campus Attendance

One optional workshop, per semester.

Course Contacts

Course Coordinator: Mary Butler: admissions.sligo@atu.ie

Student Advisor: Michelle Moore: michelle.moore@atu.ie

Master of Science Validation and Digitalisation Technologies

This programme is a joint initiative by ATU Sligo and 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 in other third level institutions, in accordance with ATU procedures.



Study Hours

It is recommended that students allow for 6hrs on average per week per 5 ECTS 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 on-campus attendance required.



Who should apply?

The 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.

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €12,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Biologics Manufacturing
 Facility Design and Operation
 Regulation, Risk and Compliance
 Commissioning, Qualification & Validation
 Scale Up and Technology Transfer
 Introduction to BioIndustry 4.0
 Biologics Manufacturing: Current and Future
 Regulation, Risk and Compliance (Elective)
 Research Methods Biopharma (Elective 1)
 Bio Industry 4.0 Theory and Practice
 Bio Industry Data & Digital Technologies
 Biopharmaceutical Dissertation
**Exit Award Available Postgraduate Diploma*

Course Contacts

Course Coordinator:
 Mary Butler:
 admissions.sligo@atu.ie
Admissions:
 admissions.sligo@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €8,496

Recognition of
Prior Learning ✓

What will I study?

Modules

Biologics Manufacturing
 Facility Design and Operation
 Regulation, Risk and Compliance (Elective)
 Research Methods Biopharma (Elective 1)
 Commissioning, Qualification & Validation
 Scale up and Technology Transfer
 BioProcessing Thesis
**Exit Award Available Postgraduate Diploma*

Course Contacts

Course Coordinator NIBRT:
 Melissa Hoare:
 melissa.hoare@nibr.ie
Admissions:
 admissions.sligo@atu.ie

Master of Science Commissioning, Qualification and Validation (CQV) for Biologics Manufacturing

It is the overall aim of this postgraduate course to deliver training which is customised to meet the exact needs of the clients in the biopharma sector. This is achieved through completing online modules that have been designed in conjunction with the Biopharma industry with whom NIBRT and ATU Sligo are closely aligned. This course is particularly suited to individuals who may have worked in similar industries and are looking to enter the Biopharma manufacturing sector for the first time or who wish to study a mix of generic and specialist modules which provide the graduates with various employment pathways.

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).



Study Hours

Students should expect to allocate 6hrs on average per week per 5ECTS 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 course is particularly suited to individuals who are looking to enter the commissioning and validation space in the (bio)pharmaceutical manufacturing sector. Biopharmaceutical processing is a rapidly growing sector within the life-sciences industry, with immense opportunities for graduates.

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.



External Accrediting Body

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



On-Campus Attendance

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



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.

Course Contacts

Course Coordinators: Rachel Nugent: rachel.nugent@atu.ie

Student Advisor: Mary Nicholson: mary.nicholson@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of
Prior Learning ✗

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

Master of Science Environmental Protection

This Masters course offer 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. This Masters 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 must hold an honours degree (L8) in science or engineering, or other relevant cognate area awarded by a recognised degree awarding body or hold a relevant ordinary level degree (L7) in science or engineering or other relevant cognate area and have obtained a minimum of three years relevant post-qualification experience.



Study Hours

Students can expect one live lecture per week - lasting approximately 2 hours. In addition to attending the lectures, students undertake 4-8 self-study hours per week. 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

100% continuous assessment, comprising of final dissertation document, oral presentations, written reports and ongoing assessment by supervisor.



On-Campus Attendance

Students may be required to present their progress to peers and supervisors in on-campus workshops (max 2).

Online

Level 9

Credits 90

Duration 2.5 - 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Waste Management and
Resource Efficiency

Energy Systems and
Management

Environmental Management

Water Resource Management

Air and Noise Management

Environmental Systems

Dissertation

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Ann-Marie Duddy:
admissions.sligo@atu.ie

Student Advisor:

Mary Nicholson:
mary.nicholson@atu.ie

Master of Science Food and Nutritional Product Development

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. This Masters course 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/practical's 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 studys, reports, mini projects, oral presentations, vivas, 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 on-site laboratories may be possible for research projects, on agreement with supervisors.

Course Contacts

Course Coordinator: Dr. Owen Kenny: admissions.sligo@atu.ie

Student Advisor: Mary Tully: marytully@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Nutrition Through the Life Stages

Food Chemistry and Analysis

Current and Emerging Trends in Food Technology

Food Safety Quality and Legislation

Food Business, Innovation and Entrepreneurship

Food Product Development

Research Methods

Food and Nutritional Product Development Research Project

Online

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,900

Recognition of Prior Learning ✓

What will I study?

Modules

Framework of Food Regulations

Food Processing Regulations

Claims and Labelling - Food to Market

Supply Chain Integrity

Professional Development in Food Regulatory Affairs

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

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Master of Science Food Regulatory Affairs

An increasingly complex regulatory environment, along with Brexit and potential regulatory divergence between EU and UK, has led Food Drink Ireland Skillnet to partner with the Regulatory Affairs in Food Drink Ireland/IBEC and ATU Sligo to develop this programme. Graduates are able to apply independent thinking and research skills in workplace decisions regarding relevant food and drink regulatory frameworks.

Key course details



Entry Requirements

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



Financial Supports

Discounted fees for Food and Drink Ireland Skillnet members.



Study Hours

Students would need to allow 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

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

Course Contacts

Course Coordinator: Mark Skinner: mark.skinner@ibec.ie

Student Advisor: Mary Nicholson: mary.nicholson@atu.ie

Master of Science Sustainable Food Systems

This programme provides learners with the tools and critical thinking skills to lead sustainability projects within their business. It requires students to 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 Sligo's Recognition of Prior Learning (RPL) process.



Financial Supports

Discounted fees for Food and Drink Ireland Skillnet members.



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 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.

Course Contacts

Course Coordinator: Mark Skinner: mark.skinner@ibec.ie

Student Advisor: Mary Nicholson: mary.nicholson@atu.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €9,900

Recognition of Prior Learning ✓

What will I study?

Modules

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

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

**Exit Awards Available
Postgraduate Certificate
Postgraduate Diploma*

Blended

Level 9

Credits 120

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus Sligo

Total fees: €12,600

Recognition of Prior Learning ✗

ILEP Approved ✓

Master of Science Clinical Measurement Physiology

This programme places a strong emphasis on students learning to adopt a patient-centred and professional approach. Key skills acquired will be the ability to deliver valid clinical diagnostic data to colleagues and patients, broad clinical knowledge, critical thinking and research skills. For the first time in Ireland this programme will provide the opportunity to train as a Clinical Measurement Physiologist in all five disciplines; gastro-intestinal; neurophysiology; vascular; respiratory and cardiology.

Key course details



Entry Requirements

Applicants must have a minimum of a 2.2 Honours Level 8 degree in a relevant area of study. Prior study to a Level 6/Level 7 in mathematics, basic science subjects (biology, physics, chemistry) are a requirement in addition to the study of physiology and anatomy.



Study Hours

The three placement semesters will be supported by a practice placement educator in the hospital site and online lectures and tutorials.



Examination & Assessment

This programme is assessed through a combination of written exams, case studies and presentations, clinical competencies and project work.



On-Campus Attendance

One semester is based in ATU Sligo and the other three semesters on hospital based clinical placements at various locations. These placements will be supported by a practice placement educator in the hospital site and online lectures and tutorials.



Who should apply?

The aim of this programme is to allow people, with a related undergraduate degree, to gain the qualification, skills and competencies to enter the healthcare work force as a Clinical Measurement Physiologist - performing diagnostics tests for patients, reporting and acting on the outcomes and being part of the interdisciplinary team treating patients.

What will I study?

Modules

Professional Practice I

Physiological Systems

Core Placement Skills

Clinical Measurement Instrumentation

Medical Imaging

Advanced Clinical Measurement Applications

Medical Pharmacology

Clinical Biochemistry

*For the full list of Modules, refer to the programme web page.

Course Contacts

Course Coordinator:

Paul Nolan:
admissions.sligo@atu.ie

Student Advisor:

Mary Tully: mary.tully@atu.ie

Master of Science Sports and Exercise Nutrition

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

Applications 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.



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.



On-Campus Attendance

No attendance required.



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.

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

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

Sports and Exercise Nutrition thesis

[E] = Elective Module. Modules subject to availability.

**Exit Awards Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Kevin Cradock:
admissions.sligo@atu.ie

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

Master of Science Public Health Nutrition

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

Key course details



Entry Requirements

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



Study Hours

Live lecturers are typically between 6-10pm Monday to Thursday, most classes are 1-2 hours in duration. Semester 1 is delivered over 3 evenings; Semester 2 is delivered over 2 evenings; and Semesters 3 and 4 are delivered on 1 evening per week.

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

Course Contacts

Course Coordinator: Gemma McMonagle:
admissions.sligo@atu.ie

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

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus Sligo

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Public Health Nutrition

Nutrition Assessment Methods

Nutrition Research Methodologies

Statistical Analysis for Nutritional Research

Public Health Nutrition Interventions

Leadership in Public Health Nutrition

Nutritional Epidemiology

Food and Nutrition Policy

Public Health Nutrition Thesis



After working 7 years in the health and fitness industry I felt that a Masters was the correct direction for my career. I found a gap in research in both kids' health and women's health, and I felt that through physical education and education, we could reduce this. I felt that the enthusiasm and support from the college was exactly what I needed in order to pursue this career direction, and so far, it has been a great journey at ATU!"

Natasha Kelly - ATU Sligo

Graduate of the Master of Science in Health Promotion Practice



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

Delivery Method Online

Campus Sligo

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Concepts & Competencies for Health Promotion
Health Project Management
Quantitative Methods for Health Research
Qualitative & Mixed Methods for Health Research
Statistics and Data Analysis
Health Promotion Practice Thesis

Course Contacts

Course Coordinator:

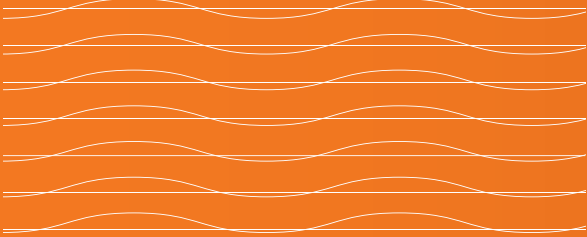
Gemma McMonagle:
gemma.mcmonagle@atu.ie

Student Advisor:

Mary Tully: mary.tully@atu.ie



ATU St Angelas



Master of Arts

Contemporary Innovations in Education

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 in semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



Who should apply?

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

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Students complete 4 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

Stage 2 module:

Advanced Research module
Dissertation

Course Contacts

Course Coordinator:

Dr. Deirdre Harvey:
dharvey@stangelas.ie

Student Advisor:

Mary Kearns:
mkearns@stangelas.ie

Master of Arts

Special Educational Needs - Autism

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

Key course details



Entry Requirements

Applicants require an award of H2.2 or higher in the Postgraduate Diploma in Arts in Special Educational Needs - Autism in order to be considered for this MA.



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

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 Advanced Research module is delivered exclusively online in Semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



Who should apply?

This programme is suitable for those looking to become advocates for change within schools, other educational settings, and the broader education community by promoting and leading inclusive pedagogy through innovative, evidence-informed practice underpinned by a research culture in autism. Many graduates have taken on leadership and professional development roles within various educational contexts.

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €4,300

Recognition of Prior Learning ✓

What will I study?

Modules

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

Course Contacts

Course Coordinator:

Dr. Deirdre Harvey:
dharvey@stangelas.ie

Student Advisor:

Mary Kearns:
mkearns@stangelas.ie

Master of Arts Specific Learning Difficulties

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

Key course details



Entry Requirements

Entry onto this programme requires the successful completion (an honours standard) of three modules (45 ECTS) from the suite of SEN Online Blended Learning modules offered as part of the Specific Learning Difficulties pathway.



Study Hours

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



Examination & Assessment

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 Advanced Research module is delivered exclusively online in semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



Who should apply?

This programme is suitable for candidates who wish to progress further in their professional sector and are already in employment.

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €4,300

Recognition of Prior Learning ✓

What will I study?

Modules

Modules will run subject to availability.

For full list of available modules, please visit the programme webpage.

Course Contacts

Course Coordinator:

Dr. Deirdre Harvey:
dharvey@stangelas.ie

Student Advisor:

Mary Kearns:
mkearns@stangelas.ie

Master of Arts Professional Studies in Special Educational Needs

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

Key course details



Entry Requirements

Entry onto this programme is based on the successful completion of three modules (45 ECTS) from the suite of SEN Online Blended Learning modules offered as part of the Professional Studies in Special Educational Needs pathway.



Study Hours

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



Examination & Assessment

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 Advanced Research module is delivered exclusively online in Semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



Who should apply?

This programme is suitable for candidates who wish to progress further in their professional sector and are already in employment.

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €4,300

Recognition of Prior Learning ✓

What will I study?

Modules

Modules will run subject to availability.

For full list of available modules, please visit the programme webpage.

Course Contacts

Course Coordinator:

Dr. Deirdre Harvey:
dharvey@stangelas.ie

Student Advisor:

Mary Kearns:
education@stangelas.ie

Master of Arts Special Education

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

Key course details



Entry Requirements

Applicants require an award of H2.2 or higher in the Postgraduate Diploma in Arts in Special Education programme in order to be considered for this MA.



Study Hours

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



Examination & Assessment

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 Advanced Research module is delivered exclusively online in Semester 1, with the exception of one half-day on-campus workshop. This is held in late January, usually on a Saturday.



Who should apply?

This programme is suitable for those looking to become change agents within schools, other educational settings, and the broader education community by promoting and leading inclusive pedagogy through innovative evidence-informed practice underpinned by a research culture in inclusive and special education.

Blended

Level 9

Credits 90

Duration 1 year or 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €4,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Assessment, Planning and Applications

Curricular Issues for Special Educational Needs

Implications of Educational Disability

Specialist Study

Modules will run subject to availability.

For full list of available modules, please visit the programme webpage.

Course Contacts

Course Coordinator:

Dr. Deirdre Harvey:
dharvey@stangelas.ie

Student Advisor:

Mary Kearns:
education@stangelas.ie

Online

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Online

Campus St Angelas

Total fees: €6,300

Recognition of
Prior Learning ✓

What will I study?

Modules

Professional Inquiry in Home Economics / Home Economics Education

Elective: Nutrition, Diet & Health

Elective: Family, Youth and Child Studies

Elective: Applied Studies in Fashion and Textile Craft Education

Research Methods

Advanced Research and Dissertation

Dissertation

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

Course Coordinator: Sonya Coffey: scoffey@stangelas.ie

Student Advisor: Niamh Finnegan: niamh.finnegan@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 health care 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 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

Course Coordinator: Seamus Dolan: sdolan@stangelas.ie
Student Advisor: Karolina Oracz: koracz@stangelas.ie

On-Campus

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method On-Campus

Campus St Angelas

Total fees: €7,200

**Recognition of
Prior Learning X**

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 health care management. The purpose of the programme is to prepare healthcare professionals to assume the role of managers and leaders in various health care settings globally.

Key course details



Entry Requirements

Applicants require a primary degree (min 2.2) in Nursing or any Healthcare related field with a minimum of three years post-registration Nursing / Healthcare related experience.

Language Requirements:

- IELTS Academic Score: 6.0 (a minimum of 5.5 in all bands) See IELTS Academic Test
- DuoLingo English Test - A minimum score of 105-115

For full details on the Entry Requirements for this programme please see the course webpage.



Study Hours

Full day attendance i.e. 9am to 5pm. It is recommended that students should try to allow for 10-12 hours per week per 10 credit module to their studies.



Examination & Assessment

The programme content is assessed by examinations and continuous assessment.



On-Campus Attendance

Full day attendance i.e. 9am to 5pm.



Who should apply?

This programme is suitable for nurses, midwives, mental health practitioners, health promotion practitioners, practice nurses, dieticians, physiotherapists, occupational therapists, health science professionals, biomedical scientists, social care workers, and other healthcare professionals.

On-Campus

Level 9

Credits 90

Duration 1 year

Study Mode Full-time

Delivery Method On-Campus

Campus St Angelas

Total fees: €10,200

**Recognition of
Prior Learning X**

ILEP Approved ✓

What will I study?

Modules

Managing Finance in Healthcare Organisations
Principles of Healthcare Leadership
Healthcare Ethics
Healthcare Project Management
Quality and Healthcare Management
Strategic Management and Leadership
Enhancing Evidence Based Practice

Course Contacts

Course Coordinator:
Seamus Dolan:
sdolan@stangelas.ie
Student Advisor:
Karolina Oracz:
koracz@stangelas.ie

Master of Health Science Community Mental Health Nursing

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. Student 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).

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €12,600

Recognition of
Prior Learning ✓

What will I study?

Modules

Making Recovery a Reality: A Co-produced Module

Therapeutic Communication

Advanced Research Skills

Primary and Community Mental Health Care

Professional Practice (Clinical)

Elective: Introduction to Cognitive Behaviour Therapy

Elective: Assessing and Managing Clients Presenting Following Self-harm

Elective: Early Intervention for People Who Experience First Episode Psychosis

Elective: Eating Disorders in Adults and Adolescents

Research Dissertation Practicum

Course Contacts

Course Coordinator:

Dr. Patsy Mc Sharry:
pmcsharry@stangelas.ie

Student Advisor:

Karolina Oracz:
koracz@stangelas.ie

Master of Health Science Professional Studies

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 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 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 Professional Studies programme, students undertake a systematic evidence synthesis or a primary research study under supervision.



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 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.

Blended

Level 9

Credits 90

Duration 3 to 4 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €9,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Advanced Research Skills and Healthcare Ethics (M)

Research Dissertation Practicum (M)

Quality and Healthcare Management

Therapeutic Communication

Eating Disorders in Adults and Adolescents

Assessing and Managing Clients Presenting Following Self-Harm

Early Intervention for People Who Experience First Episode Psychosis

Introduction to Cognitive Behaviour Therapy

Fundamentals of Coaching and Healthy Lifestyle Behaviours

Historical Perspectives in Disability Studies

Principles of Healthcare Leadership

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dympna O'Connell:
doconnell@stangelas.ie

Student Advisor:

Karolina Oracz:
koracz@stangelas.ie

Master of Health Science Professional Healthcare Studies

This programme offers students a flexible option to use credits already gained at postgraduate Level 9, to return to study for a MHS award. This is a multidisciplinary programme suitable for registered nurses and allied health and social care professionals. Students will be allocated a supervisor and will partake in individual and group supervision to develop and undertake their research project.

Key course details



Entry Requirements

To be eligible for this program, applicants must have a 60ECTS Postgraduate Diploma at Level 9 in health/disability/social care related studies or equivalent academic credits with an aggregate mark of 60% or above. Additionally, they should have completed a postgraduate Level 9 research module, be registered as a nurse/midwife with the NMBI or on an appropriate allied healthcare professional register, and currently employed in the health/disability or social care delivery sector. For full details on the Entry Requirements for this programme please see the course webpage.



Study Hours

A 10 credit module has a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation.



Examination & Assessment

Student will undertake student undertake a systematic evidence synthesis or a primary research study under supervision



On-Campus Attendance

Students attend 3-4 online seminars per semester.



Who should apply?

This programme is suitable for nurses and other allied healthcare and social care professionals interested in advancing their understanding of research methods, knowledge generation for practice and evidence synthesis and translation. Students will develop knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

Blended

Level 9

Credits 120

Duration 1 year or 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €4,750

Recognition of
Prior Learning ✓

What will I study?

Modules

Research Dissertation Practicum

Course Contacts

Course Coordinator:

Dympna O'Connell:
doconnell@stangelas.ie

Student Advisor:

Karolina Oracz:
koracz@stangelas.ie

Master of Health Science Applied Health and Wellness Coaching

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.

Key course details



Entry Requirements

Applicants require a Level 8 undergraduate degree with a H2.2 or above. Those who do not meet this criteria may be considered under Recognition of Prior Learning and submission of a portfolio. For full details on the Entry Requirements for this programme, visit the course webpage.



Financial Supports

This programme is approved by the Nursing and Midwifery Board of Ireland as a Category 2 programme and may be eligible for funding through the regional Centre for Nursing and Midwifery Education.



Study Hours

In Years 1 and 2, live lectures normally take place between 3pm-5pm 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 program are eligible to apply for the HWC Certifying Examination to become National Board Certified Health & Wellness Coach.



Who should apply?

This programme is suitable for a wide range of professionals working in health, wellness and coaching.

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €9,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Fundamentals of Coaching and
Healthy Lifestyle Behaviours

Foundations of Health and
Wellness Coaching

Advanced Theory and Practice
of Health and Wellness
Coaching

Advanced Nutrition in Health
and Wellness Coaching

Coaching Strategies for
Psychological Wellbeing

Advanced Research Skills

Research Dissertation

Course Contacts

Course Coordinator:

Dr. Helen McGloin:
hmcgloin@stangelas.ie

Student Advisor:

Edyta McGloin:
emcgloin@stangelas.ie

Master of Health Science Nursing Studies

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 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.



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 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.

Blended

Level 9

Credits 90

Duration 3-4 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €9,000

Recognition of
Prior Learning ✓

What will I study?

Modules

Advanced Research Skills and Healthcare Ethics (M)
Quality and Healthcare Management
Therapeutic Communication
Eating Disorders in Adults and Adolescents
Assessing and Managing Clients Presenting Following Self-Harm
Early Intervention for People Who Experience First Episode Psychosis
Introduction to Cognitive Behaviour Therapy
Fundamentals of Coaching and Healthy Lifestyle Behaviours
Historical Perspectives in Disability Studies
Principles of Healthcare Leadership
Research Dissertation Practicum (M)

(M) = Mandatory

**Exit Award Available
Postgraduate Diploma*

Course Contacts

Course Coordinator:

Dympna O'Connell:
doconnell@stangelas.ie

Student Advisor:

Karolina Oracz:
koracz@stangelas.ie



Completing a MHS award was something I felt was not within my grasp until I completed the Postgraduate Diploma (Applied Health & Wellness Coaching) at ATU St Angelas. Encouragement from the lecturers motivated me to continue my studies for the Master of Health Sciences (Nursing Studies). The programme was interesting and challenging at the same time. The guidance and patience of the lecturers and library staff allowed me to successfully complete the programme. I have grown academically, professionally, and personally. I feel that this has contributed to a recent promotion and I would highly recommend the programme with ATU St Angelas to prospective students."

Anne Marie Mahon - ATU St Angelas
Graduate of the Master of Health Science in Nursing Studies

Master of Science Disability Studies

Disability studies allow us to understand disability in a different way; as a positive social and political identity, rather than a health issue or something to be 'fixed' or arouse sympathy. The study of 'disability' is inextricably linked to the concept of equality. This programme may be of interest to disabled people in Ireland, or people currently working in the disability, community, health and social care sectors. People working for, or living with, disabled people may also be interested in the programme.

Key course details



Entry Requirements

Applicants will have a Postgraduate Diploma (Level 9) or evidence of equivalent academic credits and have successfully completed a postgraduate Level 9 research module (or equivalent learning).



Study Hours

In year 1 and 2, live lectures are normally broadcast between 6.30pm and 8pm on Mondays and Wednesdays. In year 3, lectures run live online during the day (duration varies). It is recommended that students should try to allow for 5-10 hours per week per 10 credit module to their studies.



Examination & Assessment

All assessment on this course is continuous assessment. This includes contribution to discussion forums, shorter written assignments and a longer final essay.



On-Campus Attendance

On-Campus attendance is not mandatory but students may attend in person, or online, for seminars in year one and two which run one or two days per semester. In year three, on-line seminars days run 2-4 days per semester.



Who should apply?

This programme is suitable for disabled people, family members of disabled people, healthcare professionals and people who work in any roles with connections to the disability sector.

Blended

Level 9

Credits 90

Duration 3 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Historical Perspectives in Disability Studies

The Lived Experience of Disability

Personal and Social Perspectives in Disability Studies

Disability and the Media

Advanced Research Skills

Applied Social Policy and Disability Equality

Research Dissertation Practicum

Course Contacts

Course Coordinator:

Susan Carton:
scarton@stangelas.ie

Student Advisor:

Karolina Oracz:
koracz@stangelas.ie

Master of Science Food Innovation

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

Key course details



Entry Requirements

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



Study Hours

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



Examination & Assessment

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



On-Campus Attendance

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



Who should apply?

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

Course Contacts

Course Coordinator: Dr. Elaine Mooney: emooney@stangelas.ie

Student Advisor: Niamh Finnegan: nfinnegan@stangelas.ie

Blended

Level 9

Credits 90

Duration 2 years

Study Mode Part-time

Delivery Method Blended

Campus St Angelas

Total fees: €7,200

Recognition of
Prior Learning ✓

What will I study?

Modules

Applied Food Science

Food Processing and Biotechnology

Physical and Sensory Analysis

Food Safety Management Systems

Innovation Management

Research Design

Research Project

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

[atu.ie/research-and-innovation](https://www.atu.ie/research-and-innovation)



How to Apply

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.

Before you Apply

Before you apply for a Masters at ATU, we recommend that you research your course by viewing the course webpage. Check the entry requirements as these vary from course to course. You will find your course's specific entry requirements on the course webpage.

When to Apply

Masters courses are popular and they fill on a first come, first served basis. There are two major intake periods in the academic year – September and January.

For January start, applications open in October. For September start, applications open in February. Closing dates for applications are listed on the course webpages.

How to Apply

Applying for a Masters is easy – simply visit the webpage of your chosen course and select the 'apply now' button and follow the steps outlined.

Each campus, ATU Donegal, ATU Sligo, ATU St Angelas, ATU Mayo and ATU Galway City, have their own dedicated application process and information on the application process can be found on atu.ie/masters

Progression Opportunities

Many of our Masters programmes are structured in a way that allows you to earn a recognized 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
atu.ie/masters

Alumni

Stay Connected for Life

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

Professional Development

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

Continued Learning

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

Stay Informed

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

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

For more details, please visit:

[atu.ie/alumni](https://www.atu.ie/alumni)

20% Masters Course Fees Reduction

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

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

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

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

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

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

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

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

Postgraduate Pathway Courses

Build Your Masters, Your Way, at a pace that suits you. For more information on flexible Postgraduate courses available at ATU, visit atu.ie/flexible

Course Title	Award	Credits
ATU Donegal		
Business, Arts and Education		
3D Modelling for Emerging Technologies	Postgraduate Certificate	40
Advancing Health and Social Care	Postgraduate Diploma	60
Applied Brand Strategy and Identity	Postgraduate Certificate	30
AR and VR for Creative Industries	Postgraduate Certificate	30
Recognition of Prior Learning	Certificate	10
Engineering and Technology		
Big Data Analytics and Artificial Intelligence	Postgraduate Diploma	60
Cloud Technologies	Postgraduate Diploma	60
Cybersecurity	Postgraduate Diploma	60
DevOps	Postgraduate Diploma	60
Engineering Management	Postgraduate Diploma	60
Supply Chain Analytics	Postgraduate Diploma	60
Science and Health		
Advancing Health and Social Care	Postgraduate Diploma	60
Contemporary Healthcare Management	Postgraduate Certificate	30
Professional Skills for High-Performance Sport	Postgraduate Certificate	20
Sport Performance Innovation	Postgraduate Certificate	20

Course Title	Award	Credits
Bioinformatics	Postgraduate Certificate	30
Bioinformatics	Postgraduate Diploma	60
Therapeutic Interventions for Alcohol and Other Drugs	Postgraduate Diploma	60
ATU Galway City		
Business, Arts and Education		
Accounting	Postgraduate Diploma	60
Creative Practice	Postgraduate Diploma	60
Digital Strategy for Business	Certificate	10
Engineering and Technology		
Blockchain for Managers	Postgraduate Certificate	30
Building Information Modelling and Digital Leadership	Postgraduate Certificate	30
Building Information Modelling and Digital Leadership	Postgraduate Diploma	60
Built Environment Regulation	Postgraduate Certificate	30
Built Environment Regulation	Postgraduate Diploma	60
Circular Economy in Leadership for the Built Environment	Postgraduate Certificate	30
Circular Economy in Leadership for the Built Environment	Postgraduate Diploma	60
Energy Conservation and Environmental Services	Certificate	15
Fire Safety	Certificate	15

Course Title	Award	Credits
Science and Health		
End-to-End Sterility Assurance	Postgraduate Certificate	30
Entrepreneurship and Biopharmaceutical Manufacturing	Postgraduate Diploma	60
Entrepreneurship and MedTech	Postgraduate Diploma	60

ATU Mayo

Engineering and Technology

Cybersecurity Operations	Postgraduate Certificate	30
--------------------------	--------------------------	----

Science and Health

Applied Leadership and Management	Postgraduate Certificate	30
Applied Leadership and Management in Healthcare	Postgraduate Diploma	60
Applied Leadership and Management in Social Care	Postgraduate Diploma	60
Applied Leadership and Management in the Public Sector	Postgraduate Diploma	60
Healthcare Analytics	Postgraduate Certificate	30
Nursing Procedural Sedation	Certificate	10
Palliative and End of Life Care	Postgraduate Certificate	30
Palliative and End of Life Care	Postgraduate Diploma	60
Quality and Safety (Health and Social Care)	Postgraduate Diploma	60

ATU Sligo

Business, Arts and Education

Applied Digital Business	Postgraduate Certificate	30
Digital Business	Postgraduate Diploma	60
Digital Marketing	Postgraduate Certificate	30
Financial Management and Sustainability	Postgraduate Certificate	30
Leadership and Advocacy in the Early Years	Postgraduate Diploma	60

Course Title	Award	Credits
Marketing	Postgraduate Diploma	60
Marketing	Postgraduate Certificate	30
Professional Leadership	Postgraduate Certificate	30
Strategic People Management	Postgraduate Certificate	30
Strategic People Management	Postgraduate Diploma	60
Universal Design for Learning	Postgraduate Certificate	30

Engineering and Technology

Automotive Artificial Intelligence	Postgraduate Certificate	30
BIM and Lean Construction Management	Postgraduate Certificate	25
Bridge Engineering	Postgraduate Certificate	20
Computing (Data Science)	Postgraduate Certificate	35
Connected and Autonomous Vehicles	Postgraduate Diploma	60
Construction Law, Procurement and Finance	Certificate	15
Geotechnical and Structural Engineering	Postgraduate Certificate	30
Mechanical and Electrical Quantity Surveying	Postgraduate Certificate	30
Project Management	Postgraduate Diploma	60
Project Management	Certificate	15
Road and Transport Engineering	Postgraduate Diploma	60
Road Engineering and Design	Postgraduate Certificate	30
Road Maintenance Engineering and Network Management	Postgraduate Certificate	30
Road Safety Audit and Engineering	Certificate	15
Sensors for Autonomous Vehicles	Postgraduate Certificate	30
Strategic Construction Management	Postgraduate Certificate	30
Water Services Management	Postgraduate Certificate	30
Water Services Management	Postgraduate Diploma	60

Course Title	Award	Credits
Science and Health		
Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing	Postgraduate Certificate	30
Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing	Postgraduate Diploma	60
Bioanalytical Techniques	Minor Award in Science	10
BioIndustry 4.0	Postgraduate Certificate	30
Biopharmaceutical Processing	Postgraduate Certificate	30
Biopharmaceutical Science	Postgraduate Certificate	30
Biopharmaceutical Science	Postgraduate Diploma	60
Biopharmaceutical Validation and Digitalisation	Postgraduate Diploma	60
Commissioning, Qualification and Validation for Biologics Manufacturing (CQV)	Postgraduate Certificate	30
Environmental Protection	Postgraduate Diploma	60
Food and Nutrition Product Development	Postgraduate Certificate	30
Food Regulatory Affairs	Postgraduate Diploma	60
Food Regulatory Affairs	Postgraduate Certificate	30
Health Project Management	Postgraduate Certificate	30
Health Promotion and Wellness Practice	Postgraduate Certificate	30
Medical Technology Regulatory Affairs	Postgraduate Diploma	60
Public Health	Postgraduate Certificate	30
Social Care and Social Justice	Postgraduate Diploma	60
Sports and Exercise Nutrition	Postgraduate Diploma	60
Sustainable Food Systems	Postgraduate Diploma	60
Sustainable Food Systems	Postgraduate Certificate	30
Validation and Digitalisation Technologies	Postgraduate Diploma	60

Course Title	Award	Credits
ATU St Angelas		
Education		
Contemporary Innovations in Education	Postgraduate Diploma	60
Contemporary Innovations in Education	Postgraduate Certificate	30
Home Economics	Postgraduate Diploma	90
Professional Studies in Special Educational Needs	Postgraduate Diploma	60
Professional Studies in Special Educational Needs	Postgraduate Certificate	30
Special Education	Postgraduate Diploma	60
Special Educational Needs - Autism	Postgraduate Diploma	60
Special Educational Needs - Autism	Postgraduate Certificate	30
Science and Health		
Advanced Research Skills	Standalone Module	10
Applied Health and Wellness Coaching	Postgraduate Diploma	60
Applied Health and Wellness Coaching	Postgraduate Certificate	30
Assessing and Managing Clients Presenting Following Self-harm	Standalone Module	10
Community Mental Health Nursing	Postgraduate Diploma	60
Disability Studies	Postgraduate Diploma	60
Disability Studies	Postgraduate Certificate	30
Early Interventions for People who Experience First Episode Psychosis	Standalone Module	10
Eating Disorders in Adults and Adolescents	Standalone Module	10
Fundamentals of Coaching and Healthy Lifestyle Behaviours	Standalone Module	10
Healthcare Ethics	Standalone Module	10
Historical Perspectives in Disability Studies	Standalone Module	10

Course Title	Award	Credits
Introduction to Cognitive Behaviour Therapy	Standalone Module	10
Nursing Studies	Postgraduate Diploma	60
Principles of Healthcare Leadership	Standalone Module	10
Professional Studies	Postgraduate Diploma	60
Quality and Healthcare Management	Standalone Module	10
Therapeutic Communication	Standalone Module	10

Postgraduate Masters Prospectus 2024/25

For Further Information

For further details on any of the information contained within this book, please visit [atu.ie/masters](https://www.atu.ie/masters) or get in touch using the contacts below:

ATU Donegal:

Phone: +353 (0) 74 91 86000

Admissions: admissions.donegal@atu.ie

ATU Sligo:

Phone: +353 (0) 71 91 55222

Admissions: admissions.sligo@atu.ie

ATU St Angelas:

Phone: +353 (0) 71 91 43580

Admissions: admissions.stangelas@atu.ie

ATU Galway City & ATU Mayo:

Galway City: +353 (0) 91 753 161

Mayo: +353 (0) 94 902 5700

Admissions: learn.galwaymayo@atu.ie



Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University