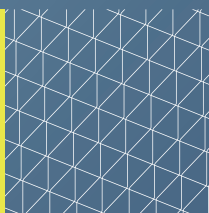Ollscoil
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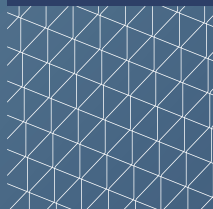
Atlantic
Technological
University

Online & Flexible Learning
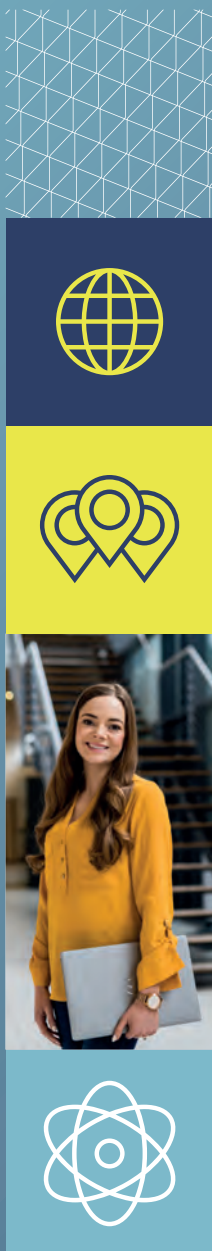
Part-time
Prospectus

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Galway | Mayo | Donegal | Sligo

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Foghlaim Sholúbtha Ar Líne

Welcome to Online and Flexible Learning

I am delighted to welcome you to our new 2025/26 Prospectus for online, flexible and part-time learners. This prospectus will give you a full overview of the flexible learning courses available at Atlantic Technological University, one of the largest multicampus universities in Ireland.

At ATU, our focus is on delivering a flexible learning experience designed to suit your personal and professional commitments. Enabling education is one of our key themes as we continue our journey to improve access to higher education and grow our flexible curricula and modes of delivery with employability and sustainability at the forefront.

We are very proud of the diverse range of online, flexible and part-time courses offered at ATU. As the leader in flexible learning, our course portfolio responds to student demand and delivers vital skills needed in the marketplace. We offer students the opportunity to study part-time from Higher Certificate right up to Masters level, in a range of disciplines aligned to industry demand.

Built on our expertise and in collaboration with industry partners, our accredited courses support students at all stages, regardless of location, to access and continue lifelong learning, develop new skills, and advance their careers.

Several of our flexible courses are now approved for financial support through the Student Grant Scheme (SUSI), as outlined in this prospectus. This funding is available to eligible students pursuing approved part-time undergraduate degrees thus allowing for enhanced access to higher education.

Your decision to commence your learning journey is an important one. At ATU, we will welcome you and provide all the guidance and support you need to fulfil your potential. We are dedicated to enabling sustainable economic, social and cultural development; connected to and serving our region and with a mindset that reaches far beyond it.

Embark on your learning journey, your way.

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

Ár gCampas Solúbtha
Our Flexible Campus

As a student of Online & Flexible Learning at ATU, you will have the opportunity to visit our campus locations for blended learning, workshops, guest lectures, lab sessions or to avail of our campus facilities such as library services and study zones.

Making this connection helps to foster a sense of community and shared learning experiences. We encourage students who have the opportunity, to visit one of our nine campus locations across the west and north-west of Ireland.
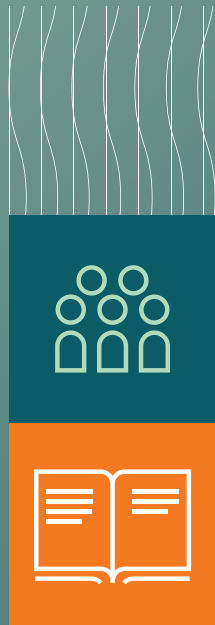
Galway City, Dublin Road

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

Galway City, Wellpark Road

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

Mayo

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 University Hospital in Castlebar, the campus has a distinct strength in upskilling and continuous professional development for Nursing and Healthcare practitioners.

Connemara

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.

Mountbellew

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.

Donegal, Letterkenny

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

Donegal, Killybegs

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

Sligo

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

St Angelas

Over 1,600 students study full-time, part-time or online with St Angelas. Courses are delivered across a range of disciplines including Education, Special Education, Nursing, Health Sciences and 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.

Uasoiliúint le haghaidh Thodhchaí na hOibre
Upskilling for the Future of Work

At ATU, we develop courses aligned to Industry and societal demand. Our graduates are equipped with the skills and confidence to progress in their chosen career, with excellent opportunities both nationally and internationally.
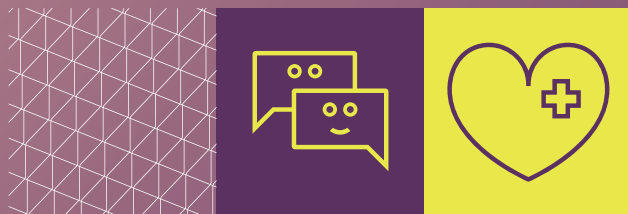
Biopharma

With all of the top 10 global biopharmaceutical companies located in Ireland, industry demand for continuous professional development is evident. ATU is recognised as a leader in delivering accredited qualifications in areas of bioprocessing, biomedical science, biopharmaceutical and pharmaceutical science.

Industry 4.0

Digitalisation is enabling a reinvention of manufacturing, increasingly moving towards automation and data exchange. Engineering for the future requires skills in automation, cybersecurity, sensor technology, cloud computing, big data and analytics.

Medical Device Technology

As the top location in Europe for medical device manufacturers, Ireland needs to continuously invest in and develop professionals who can lead the industry.

Project Management, Leadership & People Management

With rapid advancements in technology, industry is experiencing the greatest level of change since the Industrial Revolution. Developing leaders who are equipped to effectively manage complex change is essential to stay competitive in our global economy.

Environmental Sustainability

Climate change, understanding our environmental responsibilities and developing strategies and practices to effectively manage our natural resources are relevant to individuals, society and industry. Local government, state agencies and industry are investing in technical knowledge, skills and resources to guide policy, monitor and manage change.

Health, Nutrition & Food Innovation

Delivering effective public health strategies on health promotion, exercise and nutrition are all parts of the evolving remit of healthcare professionals. It is vital we continue to build skills in researching, analysing health data and develop leaders within our healthcare sector. Innovation and developing sustainable food systems are all part of the Climate Action plan to live as responsible global citizens.

Educating for the Future

With the rapidly changing world of work, our Educators are responding with new inclusive and innovative teaching methods to improve access to education, developing supports to ensure students from early years to tertiary level achieve their potential.

Digital Transformation

From analytics and DevOps to cybersecurity and software development, industry requires skilled technology teams to drive digital transformation. The global economy offers opportunities to graduates, regardless of location, to excel in the digital economy.

Roghanna Staidéir Solúbtha

Flexible Study Options

We understand that many of our part-time, flexible learning students are juggling work and family commitments, in between learning.

Our focus has always been to deliver a flexible learning experience designed to suit you and your life.
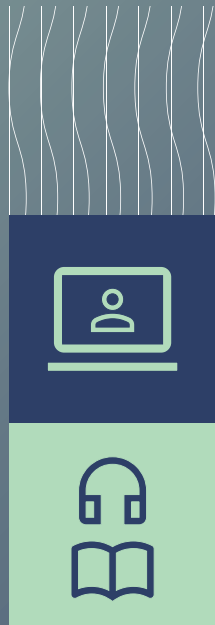
Making time for study

To help balance work, life, and flexible learning, it is important to understand the time that you will have to dedicate to your studies. This will help you to stay focused, reduce stress, and achieve your goals while also working full-time.

For part-time online or blended learning, it is recommended that you should try to allow for 5-6 hours per week per 5 credit module to your studies.

Online

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

Blended

Blended learning is a flexible way of completing your course of study, combining online aspects with in-classroom experience to allow for an accessible learning style. In a blended course, students may view lectures, access readings, ask questions and complete assignments online, so time in the classroom can focus more on discussion and activities.

On-Campus

Some of our courses are available to study fully on-campus and students studying an on-campus course will have the full in-classroom experience at ATU. Students will learn and experience all the practical elements in the learning outcomes. Guest lectures, tutorials and residential workshops may also be accessible to online students either via live streaming or as recorded sessions.

Peer-to-Peer Learning

Working collaboratively is part of the college experience and part-time learning is no different. Group learning and assignments encourage peer support and small class sizes ensure students are supported throughout the learning journey.

Micro-credentials

Our Micro-credentials courses are short, accredited learning experiences that allow you to study flexibly and choose modules to suit your own professional development or skills needs. Micro-credentials are typically short in duration and time commitment and are usually 5, 10 or 15 credits. They are an ideal way to return to education, upskill in a new area, or further develop skills in a flexible manner.

Online Student Advisors

As an online and flexible learner at ATU, you will receive help and support from our dedicated team of Online Student Advisors who will be there to assist you throughout your studies. They will be your first point of contact for any non-academic queries or questions you may have, and they can provide you with any further information, support or guidance you require throughout your application process and studies at ATU.

Student Supports

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

Cáilí
Qualifications

General Entry Requirements

All courses have specific entry requirements that applicants must meet to be accepted onto the course. Depending upon entry level, some prior qualifications may be required, and/or certain subjects or industry experience, to gain admission. Full details on the entry requirements for all programmes can be found on the ATU website or by contacting our Admissions Team.

Special Purpose Awards (SPA's)

An SPA in the NFQ is designed to provide learners with a specific set of skills and knowledge. These awards are typically short-term and designed to meet industry demands, in particular sectors. The total number of credits for an SPA may vary from programme to programme. SPAs usually awarded as a Certificate within a major award.

Micro-credentials

At ATU, we offer a range of micro-credentials which are short, accredited courses that allow you to study flexibly and choose modules to suit your own professional development or skills needs. Micro-credentials offered by ATU are in the range of 5-30 ECTS credits. Students who complete a micro-credential are awarded a verifiable digital certificate.

Conversion Courses

Conversion courses enable learners to pursue a new career-path, within an area which may differ from their original qualification. Conversion courses are made available in areas where there are known skills shortages e.g. Engineering, Automation, Computing, Biopharma, MedTech.

Advanced Entry

Applicants may be able to gain entry to further stages of a programme where their previous educational profile, credits accumulated and experience are recognised.

Such applicants may be able to apply via the **Recognition of Prior Learning** (RPL) route, see **atu.ie/rpl**. Applications are individually reviewed by our academic teams to ensure that students are matched to the correct level course, that suits their learning and career aims. Students may be advised to commence at a lower-level qualification, before progressing to a higher qualification in a stepwise approach. Early applications by RPL is advised.

Progression

All ATU courses are aligned to the NFQ levels meaning you can enter a course at the level at which you are qualified to and build on your progress at a pace that suits you. Some students may choose to start at a Level 6 Certificate for instance, and graduate at that level or progress on to the next level within the same subject matter area. Other students, whose experience and academic history are given higher academic credits, may enter onto an Ordinary Degree (Level 7), an Honours Degree (Level 8) or a postgraduate qualification (Level 9).

International Students

Online and flexible learning is open to students in any location. ATU has a growing international student population online. We welcome and support our global learning community through forums, live streaming, recorded lectures and group assignments. Student Advisors and a range of online student supports are on-hand to help navigate all aspects of distance learning.

EU and Non-EU students can access the **NARIC** service on **QQI.ie** to help understand how their existing qualifications map onto the Irish NFQ.

Applicants, whose first language is not English, can learn more about the **English Language Requirements** on the ATU website.

National Framework of Qualifications
An Creat Náisiúnta Cáilíochtaí
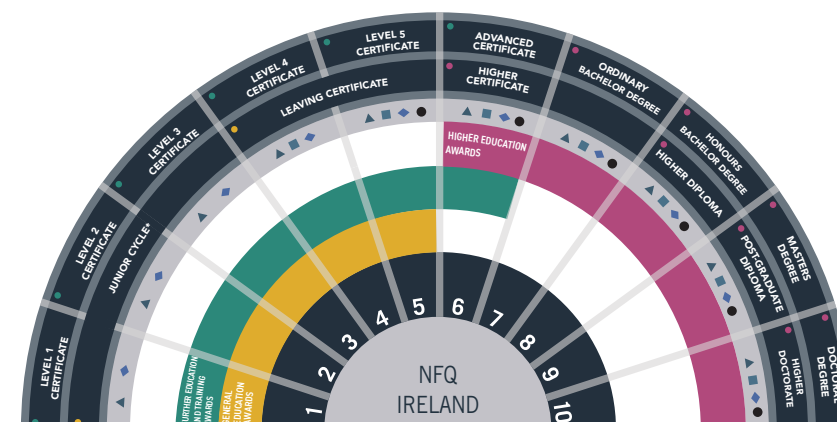
National Framework of Qualifications (NFQ)

ATU's courses and qualifications are aligned with the NFQ. The **NFQ** is a ten-level system (1-10) which gives an academic or vocational value to qualifications obtained in Ireland. NFQ levels help indicate how a qualification can be used for training, education and employment opportunities. As a Higher Education Institution (HEI), ATU provides awards at levels 6-10 of the NFQ.

Each level is based on nationally agreed standards of what a learner is expected to know and be able to do after receiving a qualification. Each level builds on the previous one and maps a pathway for learners to progress to higher level qualifications.

For further information on the NFQ, please visit: **QQI.ie**

ECTS Credits

The NFQ uses the European Credit Transfer and Accumulation System **(ECTS)** to measure and compare learning achievements across different qualifications. Credits represent the amount of learning achieved through a particular course or module and help learners to track their progress and build towards achieving higher level qualifications on the NFQ.

The ECTS also helps students to move between countries and to have their academic qualifications recognised by employers and HEIs. It allows credits taken at one HEI to be counted towards entry into another or to count towards an award, in another HEI.

Irish Register Of Qualifications

For more information on qualifications, providers and courses visit **www.irq.ie**

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Tacaíochtaí Maoinithe
Funding Supports

Government funded grants and financial supports are available to students to help alleviate the cost of tuition, materials and other study-related expenses. The supports aim to foster academic success, allowing students to focus on their studies by reducing financial barriers.
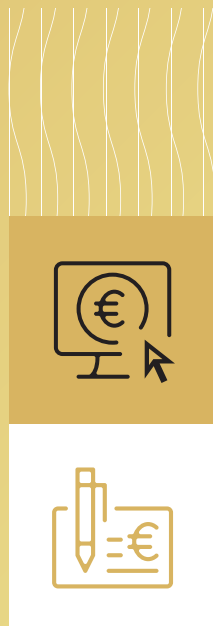
SUSI Funded Part-Time Undergraduate Students

The Irish Government has approved a part-time fee scheme for SUSI funding. For programmes to be eligible for this scheme they must lead to an undergraduate major award, such as a Higher Certificate, Ordinary Degree or Honours Degree. You will need to complete between 30 and 50 credits each academic year, with any remaining credits arranged in your final year. Classes can be attended in-person or through a hybrid format that includes some in-person sessions beyond just registration, enrolment or exams.

Below is a list of part-time undergraduate courses approved for SUSI funding in 2024/25 academic year. Register your interest at atu.ie/flexible to find out about 2025/26 funded courses.

Course Title	Award	Delivery Mode	Level
Applied Approaches to Childhood Autism	Bachelor of Science	Blended	7
Inclusive Practice for Special Needs Assistance	Bachelor of Science	Blended	7
Community Development & Youth Work	Higher Certificate in Arts	On-Campus	6
Quality for Industry (Add-On)	Bachelor of Science (Hons)	Blended	8
Quality for Industry	Bachelor of Science	Blended	7
Advanced Manufacturing Systems	Bachelor of Engineering (Hons)	Blended	8
Automation and Digital Manufacturing	Bachelor of Engineering (Hons)	Blended	8
Art and Design	Bachelor of Arts	On-Campus	7
Contemporary Art Practices	Bachelor of Arts	On-Campus	7
Contemporary Software Development	Bachelor of Science	Blended	8
Cybersecurity	Bachelor of Science	Blended	8
Construction Contracts Management	Bachelor of Science (Hons)	Blended	8
Construction Practice	Bachelor of Science	Blended	7
Fire Safety Engineering	Bachelor of Science (Hons)	Blended	8
Fire Safety Engineering	Bachelor of Science	Blended	7
Business	Higher Certificate	Blended	6

SUSI Funded Part-Time Postgraduate Students

SUSI offers funding to eligible students in approved full-time courses also at postgraduate levels in Ireland and in some cases, to students studying in the UK or EU. Those applying for a postgraduate course in ATU may be eligible for financial support.

For more information relating to the part-time fee scheme, the postgraduate fee grants and the postgraduate fee contribution see the Student Universal Support Ireland (SUSI) website: **www.susi.ie**

Other available funding supports available to students include:

- Springboard+
- Skillnet
- Alumni Scholarship
- DASBE

Visit **atu.ie/fees-funding** for more information.

Cúrsaí Nua
New Courses

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

Our focus has always been to deliver a flexible learning experience designed to suit you and your life.

Course Title	Study Area	Level	Campus
Master of Business Professional Practice in Management Development Studies	Business	9	Galway
Master of Science in Digital Professional Accounting	Business	9	Galway
Master of Science in Business Analytics	Business	9	Galway
Master of Arts in Digital Media Design	Design	9	Sligo
Master of Arts in Education Practice	Education	9	Galway
Master of Science in Clinical Nutrition and Dietetics	Science	9	Sligo
Master of Science in Science Communication	Science	9	Galway
Master of Science in Sustainability and Climate Reporting	Science	9	Sligo
Master of Engineering Fire Safety Engineering	Engineering	9	Donegal
Master of Science in Applied AI Applications	Computing	9	Donegal
Special Needs Assistant (National Training Programme)	Education	6	St Angelas
Certificate in Power Systems Dynamics and Control	Engineering	9	Donegal
Certificate in Fundamentals of Modern Energy Storage Solutions	Engineering	9	Donegal
Certificate in Decarbonising Energy Production	Engineering	9	Donegal
Diploma Sports Coaching	Business	7	Donegal
Certificate in Downstream processing	Science	6	Sligo
Certificate in Upstream processing	Science	6	Sligo
Certificate in Fill Finish Operations	Science	6	Sligo
Certificate in Cleanroom Behaviour in Biopharmaceutical Manufacturing	Science	6	Sligo
Certificate in Building SAFER Communities: Using evidence-based community action to reduce alcohol harm	Humanities	6	Donegal
Certificate in Blanket Peatland Restoration	Science	9	Sligo
Certificate in Introduction to Blanket Peatland Restoration	Science	6	Sligo
Certificate in Digital Innovation for Health	Science	9	Sligo
Postgraduate Certificate in Applied Artificial Intelligence for Science	Science	9	Sligo
Postgraduate Certificate in Sustainability and Transformative Change	Science	9	Sligo
Postgraduate Diploma in Sustainability and Climate Reporting	Science	9	Sligo
Postgraduate Certificate in Climate Action and Greenhouse Gas Reporting	Science	9	Sligo

Liosta Cúrsai
Course List
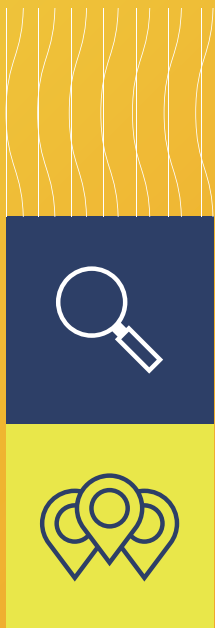
Course Title	Award*	Level	Campus	Page
Business				
Business Studies	Higher Certificate	6	Sligo	31
Culinary Arts	Higher Certificate	6	Galway City	32
Management Applications	Bachelor of Business	7	Sligo	33
Retail Management Practice	Bachelor of Business	7	Letterkenny	34
Human Resource Management	Bachelor of Arts (Hons)	8	Mayo	35
Business	Bachelor of Business (Hons)	8	Sligo	36
Business (LifeLong Learning	Bachelor of Business (Hons)	8	Letterkenny	37
Retail Management Practice	Bachelor of Business (Hons)	8	Letterkenny	38
Hospitality Management	Bachelor of Arts (Honours)	8	Killybegs	39
Professional Kitchen Management	Bachelor of Arts (Honours)	8	Killybegs	40
Applied Strength and Conditioning	Bachelor of Science (Hons)	8	Letterkenny	41
Analytics	Higher Diploma in Business	8	Galway City	43
Food Business and Product Innovation	Higher Diploma in Arts	8	Letterkenny	44
Finance and Technology	Higher Diploma in Business	8	Letterkenny	45
Human Resource Management and Employee Relations	Master of Science	9	Galway City	47
Strategic People Management	Master of Science	9	Sligo	48
Innovation and Leadership	Master of Business	9	Letterkenny	50
Governance and IT in Financial Services	Master of Arts	9	Letterkenny	51
Innovation in Fintech	Master of Science	9	Letterkenny	52
Leadership and Innovation in the Public Sector	Master of Science	9	Letterkenny	53
Digital Business	Master of Science	9	Sligo	54
Digital Media and Marketing	Master of Science	9	Mayo	56
Marketing	Master of Science	9	Sligo	58
Marketing	Master of Science	9	Sligo	58
Sports Performance Practice	Master of Science	9	Letterkenny	60
Sustainable Tourism and Event Management	Master of Science	9	Sligo, Galway City	62
Digital Professional Accounting	Master of Science	9	Galway City	46

Course Title	Award*	Level	Campus	Page
Design, Education & Humanities				
Community Development and Youth Work	Higher Certificate in Arts	6	Mayo	73
Applied Approaches to Childhood Autism	Bachelor of Science	7	Letterkenny	74
Inclusive Practice for Special Needs Assistance	Bachelor of Science	7	Letterkenny	75
Interior Architecture and Design	Bachelor of Arts (Honours)	8	Sligo	76
3D Modelling and Animation	Higher Diploma	8	Letterkenny	79
Counselling Studies	Higher Diploma	8	Letterkenny	80
Leadership and Wellbeing in the Workplace	Higher Diploma	8	Letterkenny	81
Applied Brand Strategy and Identity	Postgraduate Certificate	9	Letterkenny	121
3D Design for Emerging Technologies	Postgraduate Certificate	9	Letterkenny	121
Content Creation for AR and VR	Postgraduate Certificate	9	Letterkenny	121
Creative Practice	Master of Arts	9	Galway City, Wellpark Road	82
User Experience Design and Applied Innovation	Master of Arts	9	Letterkenny	84
Contemporary Innovations in Education	Master of Arts	9	St Angelas	86
Home Economics	Master of Education	9	St Angelas	88
Outdoor Education, Sustainability and Well-being	Master of Science	9	Mayo	90
Home Economics, Nutrition and Health Promotion	Master of Science	9	St Angelas	92
Special Education	Master of Arts	9	St Angelas	94
Special Educational Needs - Autism	Master of Arts	9	St Angelas	96
Learning and Teaching	Master of Arts	9	Letterkenny	98
Teaching and Learning	Master of Arts	9	Galway City	99
Transformative Practices in Equality, Diversity and Inclusion	Master of Arts	9	Mayo	100
Universal Design for Learning	Master of Arts	9	Sligo	102
Applied Leadership and Management in Healthcare	Master of Science	9	Mayo	104
Applied Leadership and Management in Social Care	Master of Science	9	Mayo	106
Applied Leadership and Management in the Public Sector	Master of Science	9	Mayo	108
Leadership and Advocacy in the Early Years	Master of Arts	9	Sligo	110

Course Title	Award*	Level	Campus	Page
Sustainability Leadership	Master of Science	9	Mayo	112
Professional Leadership	Master of Arts	9	Sligo	114
Social Care and Social Justice	Master of Arts	9	Sligo	116
Social Work	Master of Arts	9	Sligo	118
Science & Health				
Good Manufacturing Practice and Technology	Higher Certificate in Science	6	Sligo	127
Occupational Safety and Health	Higher Certificate in Science	6	Sligo	128
Applied Industrial Science	Bachelor of Science	7	Sligo	129
Biopharmaceutical Science	Bachelor of Science	7	Sligo	130
Environmental Management	Bachelor of Science	7	Sligo	131
Occupational Safety and Health	Bachelor of Science	7	Sligo	132
Pharmaceutical Science	Bachelor of Science	7	Sligo	133
Quality for Industry	Bachelor of Science	7	Galway City	134
Applied Industrial Science	Bachelor of Science (Honours)	8	Sligo	135
Applied Medical Sciences	Bachelor of Science (Honours)	8	Sligo	136
Biomedical and BioIndustrial Sciences	Bachelor of Science (Honours)	8	Sligo	137
Biopharmaceutical Science	Bachelor of Science (Honours)	8	Sligo	138
Quality for Industry	Bachelor of Science (Honours)	8	Galway City	139
Environmental Management	Bachelor of Science (Honours)	8	Sligo	140
Occupational Safety and Health Management	Bachelor of Science (Honours)	8	Online	141
Medical Device Regulatory Affairs and Quality	Higher Diploma	8	Sligo	143
Medical Science	Higher Diploma	8	Galway City	144
Medical Technology Regulatory Affairs and Quality	Higher Diploma	8	Sligo	145
Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing	Master of Science	9	Sligo	146
Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing	Master of Science	9	Sligo	148
Advanced Therapy Medicinal Products (ATMP) Vector Manufacturing	Master of Science	9	Sligo	150
BioIndustry 4.0	Master of Science	9	Sligo	152

Course Title	Award*	Level	Campus	Page
Bioinformatics	Master of Science	9	Letterkenny	154
Biopharmaceutical Manufacturing	Master of Science	9	Galway City	156
Biopharmaceutical Processing	Master of Science	9	Sligo	157
Biopharmaceutical Science	Master of Science	9	Sligo	158
Commissioning, Qualification and Validation for Biologics Manufacturing	Master of Science	9	Sligo	160
End-to-End Sterility Assurance	Master of Science	9	Galway City	162
Industrial Pharmaceutical Science	Master of Science	9	Sligo	164
Medical Science	Master of Science	9	Galway City	165
Validation and Digitalisation Technologies	Master of Science	9	Sligo	168
Environmental Protection	Master of Science	9	Sligo	170
Environmental, Health and Safety Management	Master of Science	9	Sligo	172
Food and Nutritional Product Development	Master of Science	9	Sligo	174
Food Regulatory Affairs	Master of Science	9	Sligo	178
Sustainable Food Systems	Master of Science	9	Sligo	180
Water Services Management	Master of Science	9	Sligo	182
Sport and Clinical Biomechanics	Master of Science	9	Galway City	184
Sports and Exercise Nutrition	Master of Science	9	Sligo	186
Digital Innovation for Sport	Master of Science	9	Galway City	188
Advancing Health and Social Care	Master of Science	9	Letterkenny	189
Applied Health and Wellness Coaching	Master of Health Science	9	St Angelas	190
Clinical Measurement Physiology	Master of Science	9	Sligo	192
Cognitive Behavioural Psychotherapy	Master of Health Science	9	St Angelas	194
Community Mental Health Nursing	Master of Health Science	9	St Angelas	196
Gerontology Nursing	Master of Science	9	Letterkenny, Mayo, St Angelas	198
Gerontology Practice	Master of Science	9	Letterkenny, Mayo, St Angelas	198
Health Promotion Practice	Master of Science	9	Sligo	200
International Healthcare Management	Master of Health Science	9	St Angelas	201

| Course Title	Award*	Level	Campus	Page
Nursing Studies	Master of Health Science	9	St Angelas	202
Palliative and End of Life Care	Master of Science	9	Mayo	204
Professional Nursing	Master of Science	9	Letterkenny	206
Professional Studies	Master of Health Science	9	St Angelas	208
Public Health Nutrition	Master of Science	9	Sligo	210
Quality and Safety in Healthcare	Master of Science	9	Mayo	212
Quality and Safety in Social Care	Master of Science	9	Mayo	214
Therapeutic Interventions for Alcohol and Other Drugs	Master of Science	9	Letterkenny	216
Engineering & Computing				
Automation and Robotics	Higher Certificate in Engineering	6	Galway City	227
Construction Economics	Higher Certificate in Science	6	Sligo	228
Property Services and Facilities Management	Higher Certificate in Science	6	Sligo	229
Water and Waste Water Operations	Higher Certificate in Science	6	Sligo	230
Automation and Robotics	Bachelor of Engineering	7	Galway City	231
Mechatronic Engineering	Bachelor of Engineering	7	Sligo	232
Mechatronic Systems	Bachelor of Engineering	7	Sligo	233
Polymer Processing	Bachelor of Engineering	7	Sligo	234
Precision Engineering and Design	Bachelor of Engineering	7	Sligo	235
Manufacturing Management	Bachelor of Engineering	7	Sligo	236
Data Centre Facilities Engineering	Bachelor of Engineering	7	Sligo	237
Quality	Bachelor of Science	7	Sligo	238
Construction Management	Bachelor of Science	7	Sligo	239
Property Services and Facilities Management	Bachelor of Science	7	Sligo	240
Quantity Surveying	Bachelor of Science	7	Sligo	241
Electronic and Computer Engineering	Bachelor of Engineering	7	Sligo	242
Network Cybersecurity	Bachelor of Science	7	Mayo	243
Advanced Manufacturing Systems	Bachelor of Engineering (Honours)	8	Galway City	244

Course Title	Award*	Level	Campus	Page
Automation and Digital Manufacturing	Bachelor of Engineering (Honours)	8	Galway City	245
Mechatronic Engineering	Bachelor of Engineering (Honours)	8	Sligo	246
Polymer Processing	Bachelor of Engineering (Honours)	8	Sligo	247
Construction Contracts Management	Bachelor of Science (Honours)	8	Letterkenny	248
Construction Project Management	Bachelor of Science (Honours)	8	Sligo	249
Facilities and Building Services Management	Bachelor of Science (Honours)	8	Sligo	250
Real Estate Development and Valuation	Bachelor of Science (Honours)	8	Sligo	251
Computing in Contemporary Software Development	Bachelor of Science (Honours)	8	Letterkenny	252
Computing in Cybersecurity	Bachelor of Science (Honours)	8	Letterkenny	253
Software Development	Bachelor of Science (Honours)	8	Sligo	254
Fire Safety Engineering	Bachelor of Science (Honours)	8	Letterkenny	255
Quantity Surveying	Bachelor of Science (Honours)	8	Sligo	256
Quality Management and Technology	Bachelor of Science (Honours)	8	Sligo	257
Electronic and Computer Engineering	Bachelor of Engineering (Honours)	8	Sligo	258
Automation and Digital Manufacturing	Higher Diploma in Engineering	8	Galway City	261
Building Information Modelling	Higher Diploma in Engineering	8	Galway City	266
Civil Engineering	Higher Diploma in Engineering	8	Galway City	268
Computing for Educators	Higher Diploma in Science	8	Letterkenny, Galway City	262
Data Analytics	Higher Diploma in Science	8	Galway City	263
Software Development	Higher Diploma in Science	8	Galway City	264
Civil Engineering	Higher Diploma in Engineering	8	Mayo	265
Automation and Digital Manufacturing	Master of Engineering	9	Galway City	266
Building Information Modelling and Digital Leadership	Master of Science	9	Galway City	268
Built Environment Regulation	Master of Science	9	Galway City	270
Built Environment Regulation	Master of Science	9	Galway City	270
Circular Economy Leadership for the Built Environment	Master of Science	9	Galway City	272

Course Title	Award*	Level	Campus	Page
Geotechnical / Structural Engineering Joint Programme	Master of Engineering	9	Sligo	274
Geotechnical and Structural Engineering	Postgraduate Certificate	9	Sligo	274
Engineering Management	Master of Science	9	Letterkenny	276
Quality	Master of Science	9	Sligo	277
Road and Transport Engineering	Master of Engineering	9	Sligo	278
Blockchain Technologies and Applications	Master of Science	9	Letterkenny	280
Computing (Data Science)	Master of Science	9	Sligo	282
Computing in Big Data Analytics	Master of Science	9	Letterkenny	284
Computing in Big Data Analytics and Artificial Intelligence	Master of Science	9	Letterkenny	285
Computing in Cloud Technologies	Master of Science	9	Letterkenny	286
Computing in Cybersecurity	Master of Science	9	Letterkenny	287
Computing in DevOps	Master of Science	9	Letterkenny	288
Connected and Autonomous Vehicles	Master of Engineering	9	Sligo	290
Cyberpsychology	Master of Science	9	Letterkenny	292
Cybersecurity Operations	Master of Science	9	Mayo	294
Data Science	Master of Science	9	Letterkenny	296
Healthcare Innovation and Technology	Master of Science	9	Letterkenny	297
Design and Innovation	Master of Science	9	Galway City	298
Project Management	Master of Science	9	Sligo	300
Supply Chain Analytics	Master of Science	9	Letterkenny	302

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

Gnó
Business
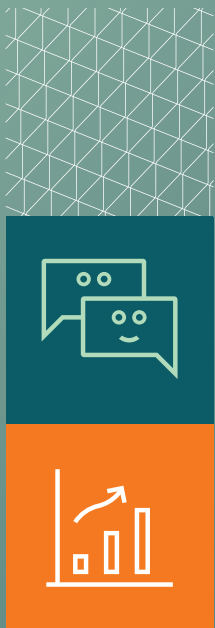
Cúrsaí Fochéime Páirtaimseartha

Undergraduate Part-time Courses

Explore our undergraduate part-time programmes in the areas of Business, Management, Marketing, Tourism and Sport, with awards including Level 6 Higher Certificates, Level 7 Bachelor degrees and Level 8 Honours Bachelor degrees.

Higher Certificate in Business

Business Studies

The Higher Certificate in Business is a two year flexible, part-time programme which offers candidates a qualification in general business culminating in a widely recognised and highly regarded award. Once the graduate completes the qualification, they will have a general understanding of how business organisations work in the public and private sector.

Key course details

Entry Requirements
Applicants under 23 require five Leaving Certificate subjects (or equivalent) at grade D including Mathematics and English or Irish. Applicants over 23 will be considered on prior relevant experience and/or motivation for taking the programme. Applicants with other qualifications and with relevant work experience may also be considered through the Recognition of Prior Learning (RPL) process.

Study Hours
Our online courses have 2-3 hours of live lectures per module with typically 5-6 hours per week of independent learning or study per module. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers.

Examination & Assessment
Final exams, assignments, project and group work, online quizzes, case studies and online assessments.

On-Campus Attendance
No attendance required.

Who should apply?
Those looking to acquire the broad business skills that will enable them to obtain employment across a wide range of business environments at administrative or junior entry level or improve their work skills. This very well established part-time programme has been a stepping stone for many students entering the business world.

Course Contacts

admissions.sligo@atu.ie

Student Advisor: Saoirse Kennedy: Saoirse.Kennedy@atu.ie

Sligo

Online

Level: 6

Credits: 120

Duration: 2 years

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

Delivery Method: Online

Campus: Sligo

Total fees: €6000

Recognition of Prior Learning ✓

What will I study?

Modules

Business Mathematics

Personal Effectiveness & Employability

Marketing

Introduction to Economics

Business Management

Customer Service

Introduction to Financial Accounting

Law for Business

Computer Applications 1

Management Accounting

Organisational Behaviour

Computer Applications 2

Higher Certificate in Arts

Culinary Arts

The aim of this course is to provide you with the knowledge, skills and competence necessary for a career in a professional cookery environment. This will be achieved by providing you with the essential practical skills and knowledge required of modern day professionals working in kitchen environments. The primary focus is to prepare you for a variety of roles in food preparation in food retail outlets including delicatessens, gastro pubs, catering outlets and restaurants.

Key course details

Entry Requirements
Applicants may have previously undertook the Certificate in Culinary Skills or gained skills via work based learning. The programme is designed for those currently working in a kitchen environment and are seeking to upskill and progress in their career in the food industry.

On-Campus Attendance
The programme is delivered over 2 days per week on-campus supported by some synchronous and asynchronous blended learning.

Who should apply?
This programme allows students to enhance their skill level through advanced practical skills and competencies, it also exposes students to entrepreneurial skills which allos them to explore their potential as food business entrepreneurs of the future while under the guidance of their lecturers and mentors. Graduates of this programme can secure employment at chef de partie level in a range of sectors from retail to professional hospitality kitchens to food manufacturing.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

*This course will run subject to approved funding and sufficient student numbers

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On-campus

Level: 6

Credits: 60

Duration: 1 year

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

Delivery Method:
On-campus

Campus: Galway City

Total fees: TBC

Recognition of Prior Learning ✓

What will I study?

Modules

Classic & Contemporary Cuisine

Pastry & Baking 2

Culinary Practice 2

Environmental Management & Food Safety

Global Cuisine

*For the full list of modules, please see the course webpage.

Bachelor of Business

Management Applications

This programme is aimed at those working in or considering a career in business. It focuses on the practical skills and knowledge required to enhance performance in a business environment. Students will acquire the broad business skills that will enable them to obtain employment across a wide range of business environments at administrative or junior management entry level.

Key course details

Entry Requirements
Applicants should hold a Level 6 Higher Certificate (previously called National Certificate) in Business (or cognate area).

Study Hours
Students will receive a schedule for live online lectures in advance of the course start date (live lecturers will be scheduled for week nights only, Mon-Thurs). All live online lectures will take place from 7pm - 9.15pm. If the Live Classroom scheduled times for the live online lectures do not suit you, recordings will be made available through Moodle.

Examination & Assessment
The programme includes a significant amount of ongoing online assessments in each of the modules with some including final examinations. Students will also have the opportunity to complete a minor dissertation which is preceded by research methods seminar.

On-Campus Attendance
No attendance required.

Who should apply?
Typically, graduates of this programme enhance their career prospects in management positions both in private and public sectors or use the programme as a stepping stone to enter the business world for the first time. Former graduates are now working in the manufacturing, retail and public service; others have set up highly successful businesses.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Saoirse Kennedy: Saoirse.Kennedy@atu.ie

Online

Level: 7

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Sligo

Total fees: €3,600

Recognition of Prior Learning ✓

What will I study?

Modules

People Management

Social Media & Digital Content

Financial Management & Control

Management

Research Skills

Economic Systems

Bachelor of Business

Retail Management Practice

This work-based degree programme will provide learners with the practical skills, knowledge and competence required to manage successfully in a challenging retail environment.

Key course details

Entry Requirements
5 O6/H7 in the Leaving Certificate, to include Mathematics (F2/O6/H7) and either Irish or English (O6/H7), OR QQIFET Level 5, OR equivalent qualification. Candidates who do not meet the above entry requirements may be admitted to the programme on the grounds of mature years (Over 23 by 1st January in the proposed year of entry), if they have attained appropriate experience, preferably in a business environment, and attainment thresholds deemed equivalent.

AND

Relevant retail experience (one-year full-time or part time equivalent).

Study Hours
10 hours per week for a 10-credit module.
5 hours per week for a 5-credit module.

Examination & Assessment
A combination of coursework assessment and exams.

On-Campus Attendance
Modules are delivered in two-days blocks in Dublin with a third day online.

Who should apply?
Those working in the Retail sector wishing to gain a major award in Retail Management.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 7

Credits: 180

Duration: 3 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: TBC
This course is part funded by Retail Ireland Skillnet.

Recognition of Prior Learning ✓

What will I study?

Modules

Learner Development and Study Skills

Retail IT

Customer Engagements and Touchpoints

Legal Issues in Retail

Retail Management

Retail Security and Loss Prevention

People and Performance Management 1

Retail Marketing Principles

Consumer Behaviour and Psychology

For the full list of modules, please see the programme webpage.

Bachelor of Arts (Honours)

Human Resource Management

This four year honours degree equips students with the necessary tools to become highly skilled HRM professionals. Students will learn all aspects of people management from navigating employment law to developing remote and hybrid working policies and promoting employee engagement and well-being. The programme is accredited by CIPD and graduates are eligible to apply for Associate level CIPD Membership

Key course details

Entry Requirements
There are specific entry requirements for each year of this course. For entry to Year 1, candidates may qualify on the basis of their Leaving Certificate and 2 years of broad work experience. For further information regarding entry requirements, please visit the course webpage. Note: students must also complete Year 3 and Year 4 to qualify for Associate CIPD Membership.

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
This programme is assessed through a combination of continuous assessment and final examinations.

On-Campus Attendance
Students will attend monthly lectures on campus (2 days per month, Thursday and Friday). In the intervening weeks students will learn online. Students will also have to attend two residential weekends (in November and January) which take place over a Saturday and Sunday.

Who should apply?
Suitable to those seeking entry or career progression in the areas of Human Resource Management.

External Accrediting Body
Chartered Institute of Personnel & Development - CIPD

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 8

Credits: 240

Duration: 4 years

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

Delivery Method:
Blended

Campus: Mayo

Total fees: €12,000

Recognition of Prior Learning ✓

What will I study?

Modules

Academic & Professional Skills

Introduction to Management

Introduction to Accounting

Management for Supervisors

Analytics & Creating Value

Employment Law

Governance & Ethics

Employee Compensation

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

Bachelor of Business (Honours)

Business

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

Key course details

Entry Requirements
Applicants are required to have a Level 7 Ordinary degree in a business-related discipline or equivalent 180 ECTS achieved up to Level 7.

Study Hours
For this programme, Live Lectures normally take on two evenings each week for 1-2 hours between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers. Study hours can vary by semester but it is recommended to allow for a total of 10-12 hours of both live lecture and independent learning per week.

Examination & Assessment
Students will be assessed through a mix of multiple-choice quizzes, practical assessments, and final exams.

On-Campus Attendance
Some modules have final exams that students resident in Ireland are required to attend (Either Sligo or Dublin venues).

Who should apply?
This programme provides upskilling for those involved in any aspect of business, particularly in the areas of management, marketing, supply chain, eBusiness and finance.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Saoirse Kennedy: Saoirse.Kennedy@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €4,200

Recognition of Prior Learning ✓

What will I study?

Modules

Strategic Marketing Management

Strategic Human Resource Management

Supply Chain Management

Strategy

Business Finance

Marketing Planning

E-business and Innovation

Financial Analysis and Interpretation

Macroeconomics

Bachelor of Business (Honours)

Lifelong Learning

This programme provides returning learners with a very positive and stimulating learning experience. An integral part of the programme is the focus towards applied and work based learning and learners will be equipped with a diverse and flexible range of skills and professional competencies suited to the modern world of business and enterprise.

Key course details

Entry Requirements
Over 21 years by 1 January in the proposed year of entry and the successful completion of at least 5 subjects in the Irish Leaving Certificate (or an equivalent international exam). Maths and either English or Irish are required. Candidates who do not meet the above entry requirement may be admitted to the programme on the grounds of mature years (Over 23 by 1st January in the proposed year of entry), if they have attained appropriate experience and attainment thresholds deemed equivalent.

Examination & Assessment
This programme is assessed through a blend of continuous assessment and final exams.

On-Campus Attendance
Delivery is blended with classes on campus in Letterkenny on a Monday evening from 6-10pm, and online classes on a Wednesday evening from 6-9pm.

Who should apply?
This degree programme has been specifically designed to suit mature learners. It provides the opportunity for those who would like to get back to education and achieve a degree in business but can't attend a fulltime course.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 8

Credits: 240

Duration: 3 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €9,600

Recognition of Prior Learning ✓

What will I study?

Modules

Learner Development and Study Skills

Management Principles

Personal Finance

Entrepreneurship and Innovation Management

Ethics, Social Responsibility and Sustainable Development

Managerial Behaviour & Effectiveness

Foundation of Economics

Business Strategy

Leadership and Managing Change

Human Resource Management

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

Donegal

Bachelor of Business (Honours)

Retail Management Practice

This add-on programme has been developed in conjunction with many of Ireland's leading retail organisations and is based on national and international best practice in retail education. A particular strength of this programme is the guest presentations by retail experts during each module. The integration of practitioner and consultant materials informs and reinforces the academic modules.

Key course details

Entry Requirements
This is a one-year add-on Honours Degree programme for students who hold a Level 7 Bachelor of Business in Retail Management Practice or equivalent.

Study Hours
The recommended independent learning for a Level 8, 10-credit module is 10-15 hours per week and 5-credit module is 5-7 hours per week.

Examination & Assessment
Two modules have final exams. All other assessment is continuous in the form of essays and reports.

On-Campus Attendance
19 days classes delivered from September - May in two blocks. 12 days classes take place in Griffith College, Wolfe Tone St. Dublin.

The other 7 days are delivered online.

Who should apply?
This programme is suitable for existing retail managers looking to upskill or those who wish to take up a position in retail management.

Course Contacts

Admissions: admissions.donegal@atu.ie

*This course will run subject to approved funding and sufficient student numbers

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €5,400

Recognition of Prior Learning ✗

What will I study?

Modules

Innovation and Digital Transformation

CSR and Sustainable Retail

Talent Strategy Management

Strategic Retail Management

Leadership Effectiveness

Change Management

Bachelor of Arts (Honours)

Hospitality Management (Industry)

This programme is designed as a strategic learner development model. Participants will utilise their existing place of employment as an immersive learning and training environment, applying academic & industry knowledge to real-life workplace issues and continuous improvement projects.

Key course details

Entry Requirements
Irish Leaving Certificate. Minimum Points Score 160. Minimum Five O6/H7. English/ Irish O6/H7. Candidates who do not hold these qualifications can also apply based on RPL.

Study Hours
This programmes typically involves six hours of weekly online contact, between live lectures and asynchronous learning. Additional learning takes place in the participants' existing hospitality workplace.

Examination & Assessment
Learners are assessed via a series of Work-Based-Learning (WBL) projects/portfolios completed right throughout year one, two and three.

On-Campus Attendance
This is primarily a Work-Based-Learning (WBL) Honours Degree, with approx. 90% of its content delivered online. Participants will be required to attend an ATU campus for a maximum of 2/3 days of in-person lectures per semester. These lectures will be scheduled as one-block per semester, and at industry off-peak times, with minimum impact on existing work commitments between learners and their respective employers.

Who should apply?
This programme is targeted towards those already working within the hospitality industry, who are eager to fast-track their management career. Suitable for senior staff; supervisors; duty managers; heads of departments; and deputy GMs in hotels, restaurants, bars, event venues and accommodation providers.

External Accrediting Body
Programme is supported by Fáilte Ireland and the Irish Hotels Federation (I.H.F.).

*This course will run subject to approved funding and sufficient student numbers

Blended

Donegal

Level: 8

Credits: 240

Duration: 3.5 years

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

Delivery Method:
Blended

Campus: Killybegs

Total fees: €12,600

Recognition of Prior Learning ✓

What will I study?

Modules

Food & Beverage Studies

Hospitality Cost Control

Professional Skills for the Hospitality Industry

Front Office Operations

Accommodation & Sustainable Facilities Management

Sales & Marketing

Supervisory Management & Organisational Behaviour

Human Resource Practice & Functions

Staff Training & Development

* For full list of modules, please refer to the programme webpage.

Course Contacts

Admissions:
admissions.donegal@atu.ie

Bachelor of Arts (Honours)

Professional Kitchen Management

This programme equips learners with techniques which will enable them to become more efficient in the operation of their kitchen, thereby improving the overall kitchen performance. The course covers concepts such as sustainability, food wastage, costing, food purchasing, along with revenue management, talent acquisition and the management of staff.

Key course details

Entry Requirements
Applicants must have a relevant Level 7 award with 180 ECTS credits and appropriate learning outcomes in culinary or a related area. Equivalent qualifications will be considered.

Study Hours
It is recommended that students should try to allow for 10-12 hours study per week per 10 credit module.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
6 days during the academic year at Killybegs campus.

Who should apply?
This programme is suitable for anyone interested in progressing to management level in the culinary field or those currently working in a managerial role who would like to develop their general education and business skills. The programme is best suited to those who have already acquired a significant amount of culinary education or culinary experience and are interested in progressing their career in the hospitality industry.

Course Contacts

Admissions: admissions.donegal@atu.ie

*This course will run subject to approved funding and sufficient student numbers

Online

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Killybegs

Total fees: €3,300

Recognition of Prior Learning ✓

What will I study?

Modules

Contemporary Diet & Nutrition

Strategic Workforce Management and Wellbeing

Lean Six Sigma for Hospitality

QA & Food Regulatory Affairs

Kitchen Revenue Management

Applied Business Project

Bachelor of Science (Honours)

Applied Strength and Conditioning

This programme is designed to provide students with a grounding in the scientific method of strength and conditioning application. Learners will be guided through the programme by active strength and conditioning professionals across key areas of study including physiology, resistance training, psychology and nutrition, with a focus on practical application of strength and conditioning. The programme also allows for exit awards in years 1 and 2.

Key course details

Entry Requirements
Applicants should be over 21 years by 1 January in the proposed year of entry and the successful completion of at least 5 subjects in the Irish Leaving Certificate (or an equivalent international exam). Maths and either English or Irish are required. Candidates who do not meet the above entry requirement may be admitted to the programme on the grounds of mature years (Over 23 by 1st January in the proposed year of entry), if they have attained appropriate experience and attainment thresholds deemed equivalent.

Study Hours
It is recommended to allow 10-12 hours per 10 credit module per week for teaching, learning and additional study purposes.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Programme participants are required to attend one, 3-hour live online lecture per week and a one-day on-campus practical session every 4-6 weeks approximately.

Who should apply?
This programme has been designed to suit mature learners who would like to return to education and achieve a qualification but cannot attend a full-time course. It is suitable for those seeking to progress into the field of strength and conditioning or elite sports performance.

External Accrediting Body
National Strength & Conditioning Association (NSCA) Certified Strength and Conditioning Specialist (CSCS), Weightlifting Ireland, Register of Exercise Professionals (REPs) Ireland.

Blended

Level: 8

Credits: 240

Duration: 3.5 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €12,600

Recognition of Prior Learning ✓

What will I study?

Modules

Sports Periodization

Endurance Development

Applied Sport Psychology

Youth Strength & Conditioning (+ Weightlifting Level 1)

Sports Nutrition Practice

Sports injury & Rehabilitation Professional Development

Work Based Learning (Placement)

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

Course Contacts

Admissions:
admissions.donegal@atu.ie

Cúrsaí Iarchéime Páirtaimseartha

Postgraduate Part-time Courses

Explore our postgraduate part-time programmes in the areas of Business, Management, Marketing, Tourism and Sport, with awards including Level 8 Higher Diplomas, Level 9 Postgraduate Diplomas and Level 9 Masters degrees.
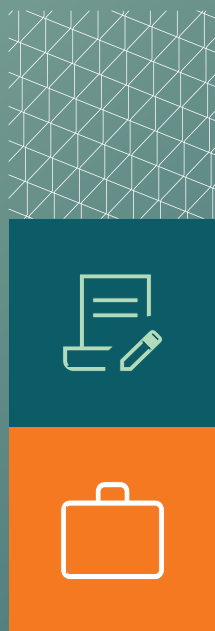
Higher Diploma in Business

Analytics

This is a graduate conversion programme designed to provide the skills necessary to convert into a specific area of skills demand highlighted by industry and government. It focuses on the development of skills and expertise in Business Analytics. The skills and knowledge that learners will gain from this course prepare them to explore and analyze business data using a range of state-of-the-art tools and techniques. It also generates valuable insights to enable informed decision making to drive innovation and performance while also equipping graduates with the necessary competencies to tackle an array of real-world analytics problems.

Key course details

Entry Requirements
A Bachelor degree at Level 8 in any discipline is the minimum entry requirement for this programme.

Study Hours
The average weekly contact hours are 20 per semester plus 5-10 additional self-study hours.

Examination & Assessment
For all modules, continuous assessments are used. There are no terminal examinations

On-Campus Attendance
No on-campus attendance required.

Who should apply?
The course is aimed at Level 8 graduates and will enable students to apply business analysis and business intelligence techniques, tools and practices to their own discipline. This programme stands apart from the application of Data Analytics in other disciplines, where the core focus is geared towards gathering raw data from a variety of sources and performing a technical analysis by way of algorithmic design and complex mathematical modelling.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Student Advisor: Eileen O'Hara: Eileen.Ohara@atu.ie

*This course will run subject to approved funding and sufficient student numbers

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Galway

Online

Level: 8

Credits: 60

Duration: 1 year

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method: Online

Campus: Galway City

Total fees: €6200

Recognition of Prior Learning ✓

What will I study?

Modules

Business Analytics

Database Design and Development

Programming and Scripting

Statistics for Business Analytics

Applied Systems Analysis

Post Relational Databases

Decision Theory and Data Visualisation

Information Systems Development

Business Intelligence

Cloud Infrastructure and Enterprise Services

Professional Practice Project

*Exit award available

Higher Diploma in Arts

Food Business and Product Innovation

Co-designed by industry and made for the workplace, this Work-Based-Learning programme will provide learners already working within the food and drink sector with the enhanced knowledge, skills and abilities required to support sustainable business growth. Students utilise their existing workplace as an immersive learning environment, applying academic expertise to real-life workplace issues and projects - allowing them to develop a competitive advantage through enhanced knowledge of innovation, sustainability, finance and much more.

Key course details

Entry Requirements
Applicants should have an Honours Bachelor's degree (Level 8) in any discipline. If a candidate does not have an honours degree but has relevant experience, they may also be eligible to apply on the grounds of Recognition of Prior Learning (RPL).

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
100% continuous assessment via a series of Work-Based-Learning (WBL) projects.

On-Campus Attendance
No attendance required.

Who should apply?
This programme is suitable for owners, managers and those developing careers within food production and manufacturing businesses, food retail and food service companies. This higher diploma is geared towards those who wish to fast-track their career growth through the attainment of a QQI accredited higher education qualification.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Letterkenny

Total fees: €3300

Recognition of Prior Learning ✓

What will I study?

Modules

Strategic Management for the Food Industry

Finance Management for the Food Industry

Food Safety Management and Food Regulatory Affairs

Food Marketing and Digital Media Management

Food Innovation and Sustainability

Work Based Learning Applied Portfolio/Project

Higher Diploma in Business

Finance and Technology

The Higher Diploma in Business in Finance & Technology is a conversion course into the FinTech Industry - a one-year course, delivered 100% online, designed to equip students with the core knowledge, skills and competencies to pursue a successful career as a FinTech professional in the financial services industry.

Key course details

Entry Requirements
Level 8 Honours Degree in Business/Finance/Economics/Mathematics or Computing or in a related discipline with at least 30 credits in Business, Finance, Economics, Mathematics or Computing, minimum second class honours (2.2).

Study Hours
The recommended allowance for personal study and reading time for a Level 8, 10 credit module is 10-12 hours per week.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
No attendance required.

Who should apply?
Individuals seeking to specialize in the Fintech Sector.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Letterkenny

Total fees: €3000
Funding may be available from ICT Skillnet.

Recognition of Prior Learning ✓

What will I study?

Modules

The FinTech Industry

The Capital Markets

Financial Systems Analysis

Software Engineering for FinTech

Blockchain Technology Innovation and Application

Financial Services Regulation

Elective: Work Based Learning

Elective: Applied Project

Master of Science
Digital Professional Accounting

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

Key course details

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

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

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

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

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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

Blended

Level: 9

Credits: 90

Duration: 1 year

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Business Analytics for Accountants

Strategic Business Leader

Strategic Business Reporting

Advanced Taxation

Advanced Audit and Assurance

Advanced Financial Management

Advanced Performance Management

Sustainability in a Digital World

Digital Research

Master of Science
Human Resource Management and Employee Relations

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

Key course details

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

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

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

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

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €7200

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

Strategic People Management

Award Options

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

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

Key course details

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

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2,400

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

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4,800

Personal and Professional Effectiveness
Strategic Employee Relations
Strategic Reward Management

Masters of Science

Duration: 2 years

Credits: 90

Total fees: €7,200

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

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Business
Innovation and Leadership

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

Key course details

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

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

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

On-Campus Attendance
24 days for module delivery plus 6 days for Action Learning Set meetings.

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €12,600

Recognition of Prior Learning ✓

What will I study?

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

Master of Arts
Governance and IT in Financial Services

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 1.5 years

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

Delivery Method:
Online

Campus: Letterkenny

Total fees: €7,200
HCI Pillar 3 Funding available for this course

Recognition of Prior Learning ✓

What will I study?

Modules
Financial Services Industry
Blockchain Technology and Practice
Principles of Information Systems
Governance Ethics & Regulation
Research Methods
Financial Services Regulation
IT Security, Compliance & Privacy
IT Risk Management & Audit
Work Based Learning
Exit Award Available Postgraduate Diploma

Master of Science
Innovation in Fintech

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
No attendance required.

Who should apply?
Professionals looking to specialize in a senior Fintech role.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Letterkenny

Total fees: €7,200
HCI part-funding may be available for this course.

Recognition of Prior Learning ✓

What will I study?

Modules

FinTech (Financial Services & Emerging Technologies)

Innovation & Entrepreneurship

Design Thinking

Financial Services Regulations

Culture, Communication & Influencing

Action & Enquiry

Elective: Dissertation/ Work Based Learning Project

Master of Science
Leadership and Innovation in the Public Sector

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

Key course details

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

Examination & Assessment
Assessment is assignment based and centred on work issues.

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

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

Course Contacts

Admissions: admissions.donegal@atu.ie

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

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €9,960**

Recognition of Prior Learning ✗

What will I study?

Modules

Context of Leadership, Innovation & Transformation

Transformational Leadership

Citizens Centric Policy Design

Research Project

Change and Cultural Management

Digital Transformation & Shared Services

Performance Management

Digital Business

Award Options

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

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

Key course details

Entry Requirements

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

OR

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2,400

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

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4,800

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

Masters of Science

Duration: 2 years

Credits: 90

Total fees: €7,200

Research Dissertation/Practicum

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Digital Media and Marketing

Award Options

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

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3,000

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

(E) = Elective Modules

Masters of Science

Duration: 1 or 2 years

Credits: 90

Total fees: €7,200

Research Methods and Critical Analysis
Dissertation with Work Based Learning Project

Online/On-Campus

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online or On-Campus

Campus: Mayo

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

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

Marketing

Award Options

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

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

Key course details

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

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

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

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

On-Campus Attendance
No attendance required.

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

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2,400

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

Postgraduate Certificate (Digital Marketing)

Duration: 1 year

Credits: 30

Total fees: €2,400

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €4,800

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

Masters of Science

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

Credits: 90

Total fees: €7,200

Dissertation or Capstone Project

Online

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Science

Sports Performance Practice

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

Key course details

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
None, this course is delivered fully online.

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Letterkenny

Total fees: €7,200
HCI part-funding may be available for this course.

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

Sustainable Tourism & Event Management

Award Options

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

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

Key course details

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3,150

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

Masters of Science

Duration: 2 years

Credits: 90

Total fees: €6,300

Research Design & Development
Research/Capstone Project

Short Accredited Courses available:

Certificate in Sustainable Tourism & Event Management

Duration: 1 Semester

Credits: 15

Certificate in Sustainable Tourism & Event Measuring and Monitoring

Duration: 1 Semester

Credits: 15

Online

Level: 9

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

Delivery Method: Online

Campus: ATU Galway City and Sligo
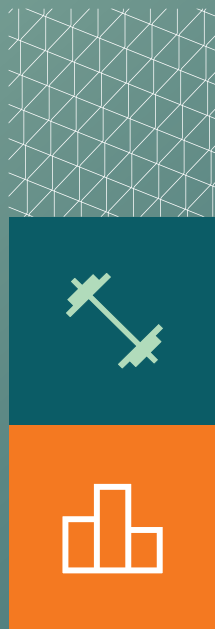
Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Cúrsaí Fochéime Páirtaimseartha
Short Accredited Courses

Explore our part-time short accredited courses across Business, Management, Marketing, Tourism and Sport, including undergraduate Certificates at Level 6, 7, 8 and 9, and Postgraduate Certificates at Level 9.

Postgraduate Certificates

A Postgraduate Certificate offers students the opportunity to gain an accredited qualification at Level 9, which can provide a pathway to further opportunities at Postgraduate Diploma or Masters level. Many of ATU's Postgraduate Certificates are listed alongside the additional award options. Below are additional Postgraduate Certificate entry routes available:

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Business								
Financial Management and Sustainability	Postgraduate Certificate	9	30	1 Year	Part-time	Online	3390	Sligo
Managing and Mentoring People	Postgraduate Certificate	9	30	1 semester	Part-time	On-campus	350	Letterkenny
Sport								
Professional Skills for High-Performance Sport	Postgraduate Certificate	9	20	12 weeks	Part-time	Online	1700	Letterkenny
Sport Performance Innovation	Postgraduate Certificate	9	20	12 weeks	Part-time	Online	2000	Letterkenny

Micro-credentials, Minor Awards, Special Purpose Awards

ATU offers a comprehensive suite of short accredited courses aimed at supporting those in the workforce to upskill and bridge any skills gaps. This method of studying allows you to choose modules to suit professional or personal development goals. Short courses are an ideal way to return to education.

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Business								
Computerised Accounts, Payroll and Information Technology Applications	Certificate	6	40	24 weeks	Part-time	On-campus	1400	Letterkenny
Arts in Humanities, Enterprise and Community Development	Certificate	6	60	1 semester	Part-time	On-campus	Free	Letterkenny
Culinary Skills	Certificate	6	60	1 year	Part-time	On-campus	TBC	Killybegs

| Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Culinary Skills	Certificate	6	60	1 year	Part-time	Blended	7380	Galway City
Pastry and Baking Skills	Certificate	6	20	1 year	Part-time	Blended	1700	Galway City
National Tour Guiding	Certificate	6	30	18 weeks	Part-time	On-campus	1200	Killybegs
Business in Managing and Mentoring People	Certificate	7	10	1 semester	Part-time	On-campus	350	Letterkenny
Workplace Disciplinary Investigations and Dispute Resolution	Certificate	7	10	1 semester	Part-time	On-campus	500	Letterkenny
Entrepreneurial Innovation Practice	Certificate	7	10	1 semester	Part-time	Online	500	Letterkenny
Financial and Economic Environment	Certificate	7	10	1 semester	Part-time	Blended	500	Mayo
Licensing Law and Practice	Certificate	7	10	1 semester	Part-time	Online	500	Letterkenny
Rooms Division Management	Certificate	7	30	1 year	Part-time	Online	1500	Killybegs
Leading Transformation and Change in the Tourism Sector	Certificate	7	30	1 year	Part-time	Online	1500	Killybegs
Customer Centric Principles in Selling Tourism	Certificate	7	30	1 year	Part-time	Online	TBC	Killybegs
Transversal Skills Identification & Development	Certificate	8	5	1 Semester	Part-time	Online	375	Galway City
Sustainable Tourism & Event Measuring and Monitoring	Certificate	9	15	1 semester	Part-time	Online	1575	Sligo, Galway City
Sustainable Tourism and Event Management	Certificate	9	15	1 semester	Part-time	Online	1575	Sligo, Galway City

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Marketing								
Social Media Marketing	Certificate	6	20	1 semester	Part-time	Online	1500	Sligo
Digital Marketing Practice	Certificate	6	20	1 semester	Part-time	Online	1500	Sligo
Applied Marketing and Design	Certificate	7	20	1 semester	Part-time	Online	1000	Letterkenny
Logistics and Marketing	Certificate	7	15	1 semester	Part-time	Blended	400	Sligo, Letterkenny, Mayo
Social Media and Web Marketing for the Tourism Sector	Certificate	7	30	1 year	Part-time	Online	2200	Killybegs
Management								
Regional Guiding	Certificate	6	20	14 weeks	Part-time	On-campus	1000	Killybegs
Supervisory Management	Certificate	7	60	1 year	Part-time	Blended	3000	Mayo
Human Resources and Employment Law	Diploma	7	60	1 year	Part-time	Online	3000	Letterkenny
Law and Human Resource Management	Certificate	7	10	1 semester	Part-time	Blended	500	Mayo
Management and Leadership	Certificate	7	30	1 year	Part-time	Online	1050	Letterkenny
Management for Supervisors	Certificate	7	15	1 year	Part-time	Blended	750	Mayo
Managing Operations	Certificate	7	15	1 year	Part-time	Blended	750	Mayo
Managing Services	Certificate	7	15	1 year	Part-time	Blended	750	Mayo
Hospitality Management	Diploma	7	60	1 year	Part-time	Online	3000	Killybegs

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Tourism Talent Management and HR Strategy	Diploma	7	60	1 year	Part-time	Online	3000	Killybegs
Revenue Management for Tourism Enterprises	Certificate	7	30	1 year	Part-time	Online	1500	Killybegs
Sport								
Functional Fitness Coaching	Certificate	6	60	1 year	Part-time	Blended	3150	Letterkenny
Personal Fitness	Certificate	6	60	1 year	Part-time	Blended	3150	Letterkenny
Sports Coaching	Certificate	7	30	12 weeks	Part-time	Blended	TBC	Letterkenny
Principles of Sports Nutrition	Certificate	7	30	1 year	Part-time	Blended	820	Letterkenny

Fee listed may be subject to change, please refer to programme web page for up to date fees

Cúrsaí Fochéime Páirtaimseartha

Design, Education & Humanites
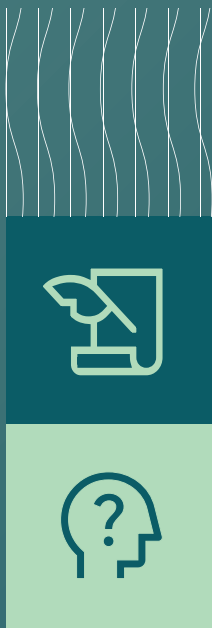
Cúrsaí Fochéime Páirtaimseartha

Undergraduate Part-time Courses

Explore our undergraduate part-time programmes in the areas of Design, Education and Humanities, including Level 6 Higher Certificates, Level 7 Bachelor degrees and Level 8 Honours Bachelor degrees.

Higher Certificate in Arts

Community Development and Youth Work

This part-time Higher Certificate in Arts in Community Development and Youth Work is designed to provide our students with a necessary balance of theory and practice, so that they can acquire the knowledge, skills and values required of a community and youth worker. The programme promotes principles of equality and social justice, inclusion, human rights, working towards sustainable development, and tackling issues such as inequality, climate change, poverty and disadvantage.

Key course details

Entry Requirements
For the entry requirements for this programme, please see the course webpage.

Study Hours
Students will have 14 hours in class lecture time and should allow up to 16 hours per week self directed study time

Examination & Assessment
There will be a mix of continuous assessment and exams throughout the programme.

On-Campus Attendance
The programme will run over 5 semesters. Students are expected to be on campus 2 days per week.

Who should apply?
This programme is designed for emerging or existing community development and/or youth workers. The part-time flexible programme allows people to engage in formal professional education while still being able to meet other life demands such as employment, family or community responsibilities. If you are passionate about people, rights, justice, and the environment this is the course for you. The professional values of community and youth work implore us to address the inequalities that exist and to work collectively for a sustainable future. Professional work placements throughout this programme allow you to develop your skills, values and practices to promote equality, human rights and advance positive social change.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Mayo

On-campus

Level: 6

Credits: 120

Duration: 2.5 years

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

Delivery Method:
On-campus

Campus: Mayo

Total fees: €6000

Fees for this part-time programme may be covered under the SUSI fee scheme for eligible candidates.

Recognition of Prior Learning ✓

What will I study?

Modules

Academic and Professional Skills

Sociology for Community Development and Youth Work

Introduction to Community Development

Information Technology for Digital Media and Society

Preparation for Placement in Community and Youth Work

Group Dynamics and Development

Introduction to Youth Work

Introduction to Social Policy

Academic and Professional Skills

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

Donegal

Bachelor of Science

Applied Approaches to Childhood Autism

This programme introduces students to the different ways in which people on the autistic spectrum experience the world. Students explore the history of autism and the different strengths and challenges that it presents.

Key course details

Entry Requirements
Applicants require a minimum Level 6 qualification in a relevant field of study.

Study Hours
Each 5-credit module will have 3 lecturing hours per week and each 10-credit module will have 4 lecturing hours per week.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Each module will require attendance at the Letterkenny Campus for 2 Saturdays. There is also an on-campus course induction and orientation.

Who should apply?
This course is specifically aimed at Special Needs Assistants (SNA's), teachers and parents who have an interest in gaining practical and applied knowledge in the area of Autism Spectrum Disorder (ASD).

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €5,400
Fees for this part-time programme may be covered under the SUSI fee scheme for eligible candidates.

Recognition of Prior Learning ✓

What will I study?

Modules

Understanding Autism

Diagnosis, Assessment & Early Intervention

Language & Social Communication

Functional Behaviour & Positive Support

Technology to Foster Engagement

Sensory Processing & Sensory Diets

Independent Life Skills

Bachelor of Science

Inclusive Practice for Special Needs Assistance

This innovative programme is further designed to enable SNAs across primary and post-primary sectors to integrate Inclusive Practice into their working environments. Competencies in areas such as inclusive practice are becoming increasingly important for schools to maintain a content and productive environment. This programme equips graduates to lead, integrate and promote inclusive practice as part of their SNA duties.

Key course details

Entry Requirements
Applicants are required to have a Level 6 qualification in Special Needs Assistance and to be currently employed in either primary or post-primary sectors for a minimum of 2 academic years. Recognition of Prior Learning (RPL) and Recognition of Prior Experiential Learning (RPEL) will be considered. Applications accepted through the Advanced Entry Application process.

Study Hours
Average Weekly contact hours: 15

Examination & Assessment
Continuous Assessment and Final Exam

On-Campus Attendance
This is a part-time blended delivery programme with online weekly lectures and fortnightly practical classes on campus.

Who should apply?
Applicants must meet the entry requirements outlined above. This innovative programme is designed to enable SNAs across primary and post-primary sectors to integrate Inclusive Practice into their working environments. Competencies in areas such as inclusive practice are becoming increasingly important for schools to maintain a content and productive environment. This programme equips graduates to lead, integrate and promote inclusive practice as part of their SNA duties. Graduates to be able to work effectively in contemporary educational contexts and will qualify graduates to work in primary and post-primary settings as SNAs with specialisms in Inclusive Practice.

Course Contacts

Admissions: admissions.donegal@atu.ie

On-campus

Level: 7

Credits: 180

Duration: 3 years

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

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €10,800
Fees for this part-time programme may be covered under the SUSI fee scheme for eligible candidates.

Recognition of Prior Learning ✗

What will I study?

Modules

Human Anatomy and Physiology

Introduction to Irish Law

Academic Attainment and IT Skills

The Role of the Special Needs Assistant (SNA)

Play, Recreational Activities and the Developing Child

Child Protection and Safeguarding Vulnerable Adults

Care Skills: Principles, Ethics & Practices

Diversity, Inclusion and Policy

Health and Wellbeing

Law, Disability, Special Needs and Children's Rights

Autism Advocacy

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

Bachelor of Arts (Honours)

Interior Architecture and Design

The major focus of this programme is a Thesis Design Project of the student's choice that consolidates and showcases their design skills. In supporting modules, students strengthen their professional knowledge, explore their interests and refine their graduate portfolio in preparation for practice.

Key course details

Entry Requirements
Applicants must have obtained a merit 2 Level 7 degree or equivalent in a relevant discipline (e.g. Interior Design or Interior Architecture). Alternatively, equivalency in prior learning (RPL) and experience must be demonstrated through a criteria-matched digital portfolio of work and/or interview with portfolio.

On-Campus Attendance
No attendance required.

Who should apply?
This programme is suitable for those seeking to pursue a career as Interior Architects or Interior Designers, employed within interior architectural practices, interior design firms and architectural practices. Graduates can also find employment in the areas of Furniture Design, Lighting Design, Kitchen Design and Exhibition Design. Graduates' graphic skills can lead to employment in 3D visualisation.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,600

Recognition of Prior Learning ✓

What will I study?

Modules

Interior Architecture Studio V: Thesis Part I

Research for Design and the Arts I

Reflective Portfolio

Interior Architecture Studio VI: Thesis Part II

Research for Design and the Arts II

Professional Studies for Interior Architects

Cúrsaí Iarchéime Páirtaimseartha

Postgraduate Part-time Courses

Explore our postgraduate part-time programmes in the areas of Design, Education and Humanities, including Level 8 Higher Diplomas, Level 9 Posgraduate Diplomas and Level 9 Masters degrees.

Higher Diploma in Arts

3D Modelling and Animation

There are many production pipelines in industry that require content developed for specific purposes. Game assets will differ from feature animation for example; SFX and compositing assets will differ from architectural visualisation. This course, however, reconciles these forms of content creation and teaches the similarities and differences in creating for each.

Key course details

Entry Requirements
Design related Honours degree (Level 8), or an equivalent qualification. Non-degree graduates (Diploma/Certificate), who have significant work experience in a related design industry may be eligible to apply. ATU recognises that life and work experience counts, and operates a comprehensive Recognition of Prior Experiential Learning (RPL) scheme.

Study Hours
Students can expect 30 total study hours per week.

Examination & Assessment
Assessment is based on ongoing, project based marking.

On-Campus Attendance
3 days per week attendance at the Letterkenny Campus.

Who should apply?
This programme is suitable for those seeking to pursue a career in a variety of sectors including animation companies, games industry, live action/special effects, AR and VR content development, architectural visualisation and advertising..

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €3,300

Recognition of Prior Learning ✓

What will I study?

Modules

Concept Art for 3D

3D Modelling and Sculpting

Texturing and Rendering

Rigging and Animation

Work Based Learning

Final Project (Asset Integration)

Higher Diploma in Science

Counselling Studies

There are many teachers, particularly career guidance counsellors, HSE staff and allied healthcare staff who, as part of their job, require counselling skills. This course provides a pathway for such professionals who would like to pursue counselling as a secondary career choice.

Key course details

Entry Requirements
Applicants require a QQI Level 8 on the National Framework of Qualifications or equivalent. Applicants must also be currently employed in a counselling role or have recent experience (within last five years) of employment either professionally or voluntarily in a role involving the use of counselling skills. Consideration will also be given to candidates who present with other suitable qualifications and experience in line with the RPL procedures.

Study Hours
3 hours per week per module.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
This programme is mostly delivered online on weekdays. However, each module may have a Saturday on campus workshop at the Letterkenny Campus.

Who should apply?
This programme is suitable for teachers, particularly career guidance counsellors, HSE staff and allied healthcare staff who, as part of their job, require counselling skills. This course provides a pathway for such professionals who would like to pursue counselling as a secondary career choice. Many of those interested in undertaking this programme would already be in employment which would or could have a counselling component thus it is envisaged this counselling qualification would support them in their current roles.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 8

Credits: 60

Duration: 1.5 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €3,300

Recognition of Prior Learning ✓

What will I study?

Modules

Counselling Skills and Theory

Cognitive Behavioural Approaches: Concept and Skills

Humanistic and Existential Approaches in Counselling

Supporting Clients through Change

Body Centred Counselling

Interpersonal and Intrapersonal Relationships

Higher Diploma in Science

Leadership and Wellbeing in the Workplace

This innovative programme is designed to enable managers and employees across all sectors to integrate wellbeing into their working environments. Leadership in areas such as wellbeing is becoming increasingly important for companies to maintain a content and productive workforce. The programme equips graduates to lead, integrate and promote wellbeing among their staff and peers. Students can elect to do one or many modules. Each module is a standalone Certificate.

Key course details

Entry Requirements
Applicants require a QQI Level 8 award, or equivalent qualification, and/or relevant life and work experience, or a QQI Level 7 award and three years of relevant experience.

Study Hours
Students can expect 4-5 taught hours per week with recommended independent learning of 12 hours per week, per module.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
No attendance required.

Who should apply?
The programme is suitable for a wide variety of managers and employees across all sectors seeking to integrate wellbeing into their working environments.

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 8

Credits: 60

Duration: 1/2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Letterkenny

Total fees: €3,300

Recognition of Prior Learning ✓

What will I study?

Modules

Leadership and Behaviour Change

Employee Mental Wellbeing

Digital Wellbeing

Physical Activity and Wellbeing Promotion

Citizenship in the Workplace

Employability

Creative Practice

Award Options

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

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

Key course details

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1/2 years

Credits: 60

Total fees: €4,200

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

Master of Arts

Duration: 1/2 years

Credits: 90

Total fees: €6,300

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

(E) = Elective Module

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City
Wellpark Rd.

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Donegal

User Experience Design and Applied Innovation

Award Options

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

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
No attendance required.

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4,800

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

Master of Arts

Duration: 1.5 years

Credits: 90

Total fees: €7200
*HCI Pillar 3 Funding available for this course

Work Based Learning Project

Online

Level: 9

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

Delivery Method:
Online

Campus: Letterkenny

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.donegal@atu.ie

Contemporary Innovations in Education

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €1,800

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €3,600

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

Master of Arts

Duration: 3 years

Credits: 90

Total fees: €7,200

Dissertation

Blended

Level: 9

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

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Master of Education
Home Economics

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: admissions.stangelas@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: St Angelas

Total fees: €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

Professional Diploma in Education
Home Economics

This programme provides an opportunity for registered teachers of other subjects who have an interest in and passion for Home Economics, to acquire the knowledge, attitudes, and practical skills required to teach Home Economics at post primary level. The programme has a strong practical and theoretical focus. At the end of the programme, graduates will have acquired a deep understanding of Home Economics as a discipline and a field of practice.

Key course details

Entry Requirements
Applicants must be fully registered as a teacher with the Teaching Council of Ireland at the time of application and hold a Level 8 Honours Degree including a recognised post primary teaching qualification. Applicants who have a shortfall in their registration status as a Home Economics teacher with the Teaching Council of Ireland may also apply for programme entry.

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
One day per week (Fridays) on-campus at the St. Angela's Campus.

Who should apply?
This programme is suitable for fully registered teachers of other post-primary subjects who have an interest in and passion for Home Economics. The part-time scheduling of this programme allows applicants to qualify as a Home Economics teacher while maintaining their current teaching position, with the support of their school.

Course Contacts

Admissions: admissions.stangelas@atu.ie

On-campus

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
On-campus

Campus: St Angelas

Total fees: €5,980

Recognition of Prior Learning ✓

What will I study?

Modules

Food Studies

Introduction to Textiles and Design

Family Resource Management and Consumer Empowerment

Philosophical Perspectives of Home Economics

Food Microbiology, Processing and Preservation

Food Studies: Food Science and Nutrition

Family Resource Management: The Family

Family Resource Management: The Family Home - Interior and Textiles Design

Textiles, Fashion and Design

Nutritional and Sensory Sciences

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

Mayo

Master of Science

Outdoor Education, Sustainability and Well-being

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
4 residential workshops per semester 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.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Mayo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Education for Sustainability

Applied Research

Experiential Learning, Landscape and Place

Research Cycle

Dissertation / Applied Research Project

Home Economics, Nutrition and Health Promotion

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3,600

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

Master of Science

Duration: 1 or 2 years

Credits: 90

Total fees: €7,200

Applied Research Practicum

Online

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Special Education
Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: Department of Education funded

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

Master of Arts

Duration: 2 years

Credits: 45

Total fees: €4,300

Advanced Research
Dissertation

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts
Admissions:
admissions.stangelas@atu.ie

Special Educational Needs - Autism

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €600*

Understanding Autism: Theoretical Perspectives and Implications for Practice
Engaging Autistic Students: Assessment and Planning for Teaching and Learning (E)
Autistic Students: Teaching Approaches (E)
(E) = Elective Module

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €1200*

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

Master of Arts

Duration: 3 years

Credits: 45

Total fees: €4,300

Advanced Research
Dissertation

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

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Master of Arts

Learning and Teaching

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
One Saturday per semester.

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €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 Arts

Teaching and Learning

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

Key course details

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

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

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 3 years

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €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

Transformative Practices in Equality, Diversity and Inclusion

Award Options

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

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Two residential sessions per semester.

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2400

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

Master of Arts

Duration: 2 years

Credits: 90

Total fees: €7200

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

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Universal Design for Learning

Award Options

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

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

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

Key course details

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

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

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

On-Campus Attendance
No on-campus attendance required.

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2400

Understanding the UDL Framework
Implementation of UDL to Support Student Learning

Master of Arts

Duration: 2 years

Credits: 90

Total fees: €7200

Research Project

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts
Admissions:
admissions.sligo@atu.ie

Mayo

Applied Leadership and Management in Healthcare

Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of the healthcare leader and manager. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

Key course details

Entry Requirements
Applicants require a Level 8 degree with a grade of 2.2 or higher.

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.

Who should apply?
This programme is suitable for those in a leadership and management role in the healthcare sector, or a person who wishes to work in that area.

Progression Pathways

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

What will I study?

Postgraduate Certificate (Applied Leadership and Management)

Duration: 1 semester

Credits: 30

Total fees: €2400

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

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4800

Applied Research
Strategic Organisational Dynamics and Change for Leaders
Critical Thinking and Decision Making

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7200

Applied Research Project

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Applied Leadership and Management in Social Care

Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of the social care leader and manager. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

Key course details

Entry Requirements
Applicants require a Level 8 degree with a grade of 2.2 or higher.

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.

Who should apply?
This programme is suitable for those in a leadership and management role in the social care sector, or a those seeking to work in that area.

Progression Pathways

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

What will I study?

Postgraduate Certificate (Applied Leadership and Management)

Duration: 1 semester

Credits: 30

Total fees: €2400

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

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4800

Applied Research
Strategic Organisational Dynamics and Change for Leaders
Critical Thinking and Decision Making

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7200

Applied Research Project

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Applied Leadership and Management in the Public Sector

Award Options

- **Master of Science**
- **Postgraduate Diploma**
- **Postgraduate Certificate (Applied Leadership and Management)**

This programme aims to develop the leadership, managerial, and organisational skills of leaders and managers in the public sector. Graduates will function as highly competent self-aware senior leaders, capable of informing strategy and guiding teams at the highest level in their sector. This degree is work-focused and applied in nature, focusing on inter-disciplinary application.

Key course details

Entry Requirements
Applicants require a Level 8 degree with a grade of 2.2 or higher.

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Attendance is required at the Mayo Campus for 4 x 2 days residential sessions per semester (Thursday and Friday once a month over the first academic year). The final year will comprise of scheduled meetings with the research supervisor.

Who should apply?
This programme is suitable for those in a leadership and management role in the public sector, or a person seeking to work in that area.

Progression Pathways

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

What will I study?

Postgraduate Certificate (Applied Leadership and Management)

Duration: 1 semester

Credits: 30

Total fees: €2400

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

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4800

Applied Research
Strategic Organisational Dynamics and Change for Leaders
Critical Thinking and Decision Making

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7200

Applied Research Project

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Sligo

Leadership and Advocacy in the Early Years

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4800

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

Master of Arts

Duration: 2 years

Credits: 90

Total fees: €7200

Organisations & Change
Research Project

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Sustainability Leadership

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

Attendance is required for monthly block delivery.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 semester

Credits: 30

Total fees: €2400

Master of Science

Duration: 1.5 years

Credits: 90

Total fees: €7200

Understanding the Sustainability Challenges
Assessing the Impact
Sustainability Leadership & Change
Exit: Postgraduate Certificate
Critical Thinking & Decision Making
Strategic Management for Sustainability
Governance for Sustainability
Exit: Postgraduate Diploma
Sustainability Project

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Sligo

Professional Leadership

Award Options

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

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

Key course details

Entry Requirements
Applicants should hold a 2.2 Honours degree award in any discipline. It is preferable applicants will also have a minimum of 3 years of postgraduate experience. For applicants with no formal third level qualification but do have significant experience of leadership in organisations, ATU 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.

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3000

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

(E) = Elective Module

Master of Arts

Duration: 2 years

Credits: 90

Total fees: €9000

Research Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Sligo

Social Care and Social Justice

Award Options

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

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Optional attendance of residential workshop is normally available once per semester.

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4800

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

Master of Arts

Duration: 2 years

Credits: 90

Total fees: €7200

Social Inclusion and Diversity
Final Research Project

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Arts

Social Work

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

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

Key course details

Entry Requirements

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

External Accrediting Body

CORU

On-Campus Attendance

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

Who should apply?

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

Course Contacts

Admissions: admissions.sligo@atu.ie

On-campus

Level: 9

Credits: 120

Duration: 4 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✕

ILEP Approved ✓

What will I study?

Modules

Social Policy for Social Work

Social Work Theory to Practice

Social Work Skills and Competencies

Preparation for Placement

Lifespan Developmental Psychology for Social Workers

Fieldwork Placement 1

Sociological Perspectives for Social Work

Research Methods and Evaluation

Professional Ethics in Social Work Practice

Interprofessional and Interagency Collaboration (IPIAC) in Social Work

Group Work -Theory and Practice

Professional Development

Social Work Research Project

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

Cúrsaí Fochéime Páirtaimseartha

Short Accredited Courses

Explore our part-time short accredited courses across Design, Education and Humanities, including undergraduate Certificates at Level 6, 7, 8 and 9, and Postgraduate Certificates at Level 9.

Postgraduate Certificates

A Postgraduate Certificate offers students the opportunity to gain an accredited qualification at Level 9, which can provide a pathway to further opportunities at Postgraduate Diploma or Masters level. Many of ATU's Postgraduate Certificates are listed alongside the additional award options. Below are additional Postgraduate Certificate entry routes available:

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Design								
Applied Brand Strategy and Identity	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2500	Letterkenny
3D Design for Emerging Technologies	Postgraduate Certificate	9	40	1 Year	Part-time	Online	3400	Letterkenny
Content Creation for AR and VR	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2500	Letterkenny
Applied Leadership and Management	Postgraduate Certificate	9	30	1 Semester	Part-time	Blended	2400	Mayo
Education								
Teaching Learning and Assessment	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2400	Sligo

Micro-credentials, Minor Awards, Special Purpose Awards

ATU offers a comprehensive suite of short accredited courses aimed at supporting those in the workforce to upskill and bridge any skills gaps. This method of studying allows you to choose modules to suit professional or personal development goals. Short courses are an ideal way to return to education.

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Design								
Digital Photography	Certificate	6	10	1 semester	Part-time	On-campus	350	Letterkenny
Fashion Fundamentals	Certificate	6	10	1 semester	Part-time	On-campus	350	Letterkenny
Lifestyle Retail Digital Marketing	Diploma	7	60	1 year	Part-time	Online	3,000	Letterkenny

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Education								
Access Studies	Certificate	6	30	1 semester	Part-time	On-campus	Free	Letterkenny
Access Studies	Certificate	6	30	1 semester	Part-time	Blended	Free	Letterkenny
Fundamentals of English for Academic Learning	Certificate	6	10	1 semester	Part-time	On-campus	Free	Letterkenny
Religious Education for Primary School	Certificate	7	20	1 year	Part-time	Blended	780	St Angelas
Action Learning	Certificate	7	10	1 semester	Part-time	Blended	500	Letterkenny
Recovery in Mental Health	Certificate	8	10	1 semester	Part-time	Blended	640	Mayo
Education for Sustainability	Certificate	9	10	1 semester	Part-time	Online	800	Galway City
Recognition of Prior Learning	Certificate	9	10	1 semester	Part-time	Online	800	Letterkenny
Humanities								
Introductory Counselling Skills	Certificate	6	60	2 years	Part-time	Blended	3000	Sligo
Social Prescribing	Certificate	6	20	1 year	Part-time	Online	1,500	Sligo
Community Development Practice	Certificate	6	10	1 semester	Part-time	On-campus	350	Mayo
Digital Mapping and Geographical Information Systems	Certificate	8	25	1 year	Part-time	Online	2,500	Mayo
Peer Support Practice	Certificate	8	30	1 year	Part-time	Online	2,000	Mayo

Fee listed may be subject to change, please refer to programme web page for up to date fees

Eolaíocht agus Sláinte
Science and Health

Cúrsaí Fochéime Páirtaimseartha
Undergraduate Part-time Courses

Explore our undergraduate part-time programmes in the areas of Life Sciences, Environmental Sciences, Nursing & Healthcare, Sport and Nutritional Science, with awards including Level 6 Higher Certificates, Level 7 Bachelor degrees and Level 8 Honours Bachelor degrees.
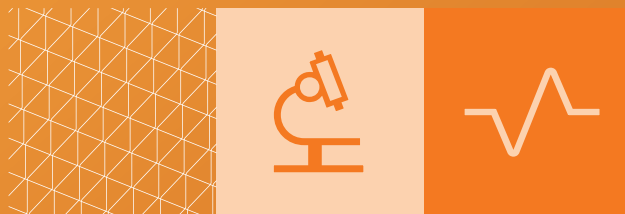
Higher Certificate in Science

Good Manufacturing Practice and Technology

This course affords students the requisite 120 credits at Level 6 they need before entering and completing a Level 7 degree. Year 1 provides a basic grounding in fundamental science subjects, like Maths, Biology, Chemistry and Physics, with no expectation of prior knowledge in these subjects. Year 2 of the programme provides a more defined focus toward topics in the bio-pharmaceutical industry.

Key course details

Entry Requirements
This is an entry-level program. The requirements are therefore an Irish Leaving Certificate or equivalent award. However, those with relevant work experience, or apprentice qualifications, in a related field or closely aligned industry will also be accepted.

Study Hours
Each 5-credit module in the programme will offer a 1 hour lecture weekly, 10-credit modules will offer between 1 and 2 hours of lecture content. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers. For part-time online or blended learning, it is recommended that you should try to allow for approximately 7 hours per week for a 5-credit module, and double this for 10-credit modules.

Examination & Assessment
Some modules on the programme will be assessed fully through continuous assessment. Others will be assessed through a combination of continuous assessment and final exams.

On-Campus Attendance
In Year 2 of the programme students must attend 2 full days of laboratory practicals, one each semester, with ATU's delivery partner NIBRT in Dublin. Attendance at the ATU Sligo campus or an external venue may be required for final exams at the end of each semester.

Who should apply?
This is ideal for those hoping to gain employment in the Pharmaceutical, Biopharmaceutical, Medical Devices or any GMP or science related industry. It is equally relevant to those currently working in these industries seeking to progress in the workplace.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 6

Credits: 120

Duration: 2 years

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

Delivery Method: Online

Campus: Sligo

Total fees: €5,250

Recognition of Prior Learning ✓

What will I study?

Modules

Year 1

Measurement Science
Applied Mathematics for GMP
Information Technology for GMP
GMP 1 Quality Assurance
Calibration Science
Biology for GMP
Fundamentals of Chemistry
GMP 2 Quality Control

Year 2

For Year 2, students complete a 30-credit project module Accredited Company Training, and can chose a further 30 credits from: Upstream Bioprocessing, Downstream Bioprocessing, Bioanalytical Techniques Theory, Sterile Fill/Finish, Biocontamination control, Cleaning, Sanitisation and Utilities, Cleanroom Design and Operation, Sterilisation Technologies and Sterile Operations Practical.

Sligo

Higher Certificate in Science

Occupational Safety and Health

This programme gives students a wide base of knowledge in the key areas of Occupational Safety and Health. It covers key topics in the area such as health and safety representation, sector-specific workplace hazards, hazard identification and risk assessment, legislation and more. Graduates of this course will be well prepared to assist their employer in complying with OSH regulatory requirements.

Key course details

Entry Requirements
Applicants require a Leaving Certificate, or equivalent award. It is envisaged that applicants with other qualifications and with relevant OSH experience will also be considered for entry via RPL.

Study Hours
Typically lectures occur online three evenings per week for approximately two hours per lecture. It is recommended that students should try to allow for 5-6 hours per week per 10-credit module to their studies.

Examination & Assessment
Assessments will be a blend of online and final examinations.

On-Campus Attendance
Workshop attendance required for one day per semester.

External Accrediting Body
Institution of Occupational Safety and Health (IOSH).

Who should apply?
This course is suitable for anyone who wishes to gain a formal qualification in, or may have responsibility for, Occupational Safety and Health (OSH) within their workplace such as managers, supervisors, operators and safety committee members.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 6

Credits: 120

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €5,400

Recognition of Prior Learning ✓

What will I study?

Modules

Introductory Science for Occupational Safety and Health 1

Foundations for Occupational Safety and Health

Communications

Introductory Science for Occupational Safety and Health 2

Health and Safety Representation

Sector Specific Workplace Hazards

Foundations for Hazard Identification and Risk Assessment

Physical and Chemical Safety

Construction Safety

Occupational Safety and Health Legislation

Electricity Machinery and Fire Safety

Safety Practitioner Skills

Bachelor of Science

Applied Industrial Science

This innovative, intensive workplace-based programme offers a new mode of study blending workplace-based activities and learning with online academic study. Students will gain relevant academic knowledge and industry-based skills throughout their studies which should enhance employability and career advancement.

Key course details

Entry Requirements
The programme is open to employees who hold a cognate Level 6 qualification, wishing to gain a Level 7 qualification in Applied Industrial Science while anchored in an appropriate industrial science-based workplace for the duration of the programme. All learners will have to verify there is a suitable agreement in place with their employer to facilitate entry and their undertaking this programme.

On-Campus Attendance
This innovative programme combines a blend of workplace-based learning modules plus online academic modules undertaken over two semesters comprising one academic year. No on-campus attendance required

Who should apply?
This programme facilitates reskilling/upskilling in the workplace enhancing career advancement and employability opportunities. Graduates work in the pharmaceutical, biopharmaceutical, biomedical and medical device sectors in the areas of legislation and regulatory affairs, formulation, analysis, validation, production and quality systems.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 7

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6000

Recognition of Prior Learning ✗

What will I study?

Modules

Professional Skills And Work-based Learning 1

Pharmaceutical Chemistry

Introduction To Advanced Pharmaceutical Science

Pharmaceutical Processing And Medical Device Manufacture

Statistics For Scientists

Professional Skills And Work-based Learning 2

Pharmaceutical Quality Systems

Pharmaceutical Analysis

Pharmaceutical Formulation

Active Ingredient Synthesis

Bachelor of Science

Biopharmaceutical Science

This programme in Biopharmaceutical Science aims to provide students with the knowledge, know-how, training and practical experience to enable them to gain employment in the Biopharmaceutical or Biomedical industries. One of the key features of the programme is that it combines cutting-edge skills in Biopharmaceutical Science and Medical Biotechnology with an understanding of the legislative and quality control system framework which underpins the industry. A number of the modules incorporate hands-on, laboratory work at the state-ofthe-art, NIBRT facility in Dublin.

Key course details

Entry Requirements
Applicants require a qualification with 120 credits at Level 6 on the NFQ (Higher Certificate) in Science or in a cognate area. Applicants who may not have the aforementioned qualifications but who may have relevant industrial experience (typically 5 years duration in a GMP environment) may apply for consideration through the ATU Sligo RPL (Recognised Prior Learning) process.

Study Hours
Students can expect to have 3 hours of live lectures per week. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers. It is recommended that students should try to allow for 5-6 hours per week per 5-credit module to your studies.

Examination & Assessment
There is a blend of continuous assessment and terminal examinations for the course.

On-Campus Attendance
Students are required to travel to NIBRT for two days practical training per semester for the Cell Culture, Protein Purification and Bioanalytical Techniques Practical (elective) modules.

Who should apply?
Graduates from this programme can expect to find employment in the Biopharmaceutical, Biotechnology, Medical Diagnostics or Pharmaceutical, sectors as well as more broadly in the area of analytical science.

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,000

Recognition of Prior Learning ✓

What will I study?

Modules
Biopharmaceutical Quality Systems
Bioanalytical Techniques Theory [E]
Bioprocess Engineering Theory [E]
Bioprocess Engineering Practical [E]
Bioanalytial Techniques Practical [E]
Lean Sigma
Biopharmaceutical Validation
Biocontamination Control
Cell Culture Processing
Facilites And Utilities
Protein Purification
Formulation And Fill-finish

Course Contacts

Admissions:
admissions.sligo@atu.ie
Student Advisor: Michelle Moore: Michelle.Moore@atu.ie

Bachelor of Science

Environmental Management

This programme covers a broad spectrum of topics, designed to introduce and upskill the professional in all aspects of environmental management, such as natural and ecological system, licensing, auditing and planning.

Key course details

Entry Requirements
Applicants should hold a Higher Certificate (Level 6) in a relevant science discipline at Merit Level or equivalent. Applicants with other qualifications and/or with relevant experience will also be considered.

Study Hours
Students undertake three modules per semester. Typically there is one hour of live lectures per module per week, with 2 to 3 hours self study and associated course work. As a result students undertake 9 to 10 hours study per week (3hrs of live lectures and 6 to 7 hours of self study) each semester. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers.

Examination & Assessment
Modules are generally 50% continuous assessment (which encompasses a blend of assignments, practicals, presentations, group work and quizzes) and 50% final exam theory. A number of modules are 100% continuous assessment.

On-Campus Attendance
One workshop per semester. Attendance is advised but not mandatory.

External Accrediting Body
CIWEM - Chartered Institute of Water and Environmental Management.

Who should apply?
This programme is suitable for those who are required to take an active part in the environmental management affairs of an organisation. Course graduates have successfully transitioned into a variety of careers including utility management, ecological management, waste management, environmental and engineering consultancy, working in the area of planning, environmental impact assessment preparation and the development of ecological appropriate assessments.

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €5400

Recognition of Prior Learning ✓

What will I study?

Modules
Natural Heritage Management
Water Quality in Irish River Basin Districts
Environmental Legislation
Planning and Environmental Impact Assessment
Wastewater Management
Energy and Sustainability
Environmental Management Systems and Auditing
Drinking Water Technology
Environmental Issues
Air Quality
Waste Management
Occupational Safety and Health

Course Contacts

Admissions:
admissions.sligo@atu.ie
Student Advisor: Niamh Doddy: Niamh.Doddy@atu.ie

Bachelor of Science

Occupational Safety and Health

This programme gives students a wide base of knowledge in the key areas of Occupational Safety and Health. It covers key topics in the area such as hazard and risk control, management of hazardous materials and processes, safety legislation and more.

Key course details

Entry Requirements
Applicants require 120 credits at Level 6 in a relevant discipline or equivalent.

Study Hours
Students are expected to attend 1 online lecture in the evening each week for approximately 1 hour. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies.

Examination & Assessment
Modules are typically 50% continuous assessment and 50% final exam.

On-Campus Attendance
Mandatory attendance at a one-day workshop each semester is required.

External Accrediting Body
Programme is accredited by the Institution of Occupational Safety and Health (IOSH), the only Chartered body for health and safety practitioners.

Who should apply?
This course provides an opportunity for people already working to upskill or cross skill to enable them to advise their employers about occupational, safety and health statutory requirements.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Saoirse Kennedy: Saoirse.Kennedy@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method: Online

Campus: Sligo

Total fees: €5,400

Recognition of Prior Learning ✓

What will I study?

Modules

Safety Legislation 1

Hazard and Risk Control

Management of Hazardous Materials and Processes

Construction Safety and Contractor Management

Environmental Topics in the Workplace

Safety Legislation 2

Occupational Health & Biohazards

Occupational Hygiene Physical Agents

Workplace Health Promotion and Wellness

Human and Organisational Safety Factors

Occupational Hygiene Chemical Agents

OSH Business Case Communication

Bachelor of Science

Pharmaceutical Science

This programme aims to prepare participants for employment within the Pharmaceutical Industry. The two-year degree provides students with a comprehensive but thorough introduction to a wide range of chemical and technological disciplines as they relate to the study and production of medicinal products.

Key course details

Entry Requirements
120 credits at Level 6 (Higher Certificate) qualification in a relevant discipline or equivalent, typically a science-related discipline.

Study Hours
There are typically 6 live lecture hours delivered per week. These lectures are recorded in order to allow students to access them at a time that is suitable to their schedule. It is recommended that students to allow for 2 hours self-guided study per week per 5-credit module.

Examination & Assessment
There is a blend of continuous assessment and terminal examinations for the course.

On-Campus Attendance
No attendance required.

Who should apply?
Those working within the Pharmaceutical Manufacturing Industry who wish to either progress to entry level roles within Quality Control and Quality Assurance or advance their role within these areas.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method: Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✓

What will I study?

Modules

Scientific Report Writing

Pharmaceutical Chemistry

Introduction To Advanced Pharmaceutical Science

Pharmaceutical Formulation

Pharmaceutical Quality Systems

Introduction To Biopharmaceutical Science

Pharmaceutical Processing And Medical Device Manufacture

Statistics For Scientists

Pharmaceutical Analysis

Active Ingredient Synthesis

Bachelor of Science
Quality for Industry

This programme covers the scientific, management and operational knowledge and skills necessary to work in the area of Quality in heavily regulated sectors such as Food, Medical Device and Pharmaceuticals. It provides skills to enable progression and up-skilling in the workplace, and to develop leadership and communication skills required to work at a senior level in the area of Quality. The programme is delivered as flexible part-time and blended in order to facilitate people working in industry.

Key course details

Entry Requirements
To qualify for entry to this programme, applicants must hold a Level 6 award in Business, Engineering or Science, or equivalent. Applicants who do not hold a formal award at Level 6 may apply for recognition of their previous work experience through RPL. Note: There are three embedded certificates associated with this add-on degree. Entry to the certificates may vary and can be accessed separately.

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

On-Campus Attendance
Typically blended delivery includes 3-4 on campus classes per semester which takes in to account the context of the module under instruction.

Who should apply?
Suitable to those seeking career progression in the areas of Quality Technician, Quality Engineer/Quality Managers and Quality Subject Matter Experts (SME's) on quality related issues.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 7

Credits: 60

Duration: 2/3 years

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €4,800

Fees for this part-time programme may be covered under the SUSI fee scheme for eligible candidates

Recognition of Prior Learning ✓

What will I study?

Modules

There are three certificates/ eight modules that make up this 60-credit add-on Degree as follows. Applicants may apply direct to the BSc or alternatively apply into the certificates that make up this add-on degree.

Certificate in Science in Quality Management:

- Quality Management Part I

- Quality Management Part II

Certificate in Science in Quality and Regulatory Affairs:

- Regulatory Affairs and Compliance Auditing

- Validation

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

Bachelor of Science (Honours)
Applied Industrial Science

The BSc Honours Applied Industrial Sciences programme has been designed in close consultation with relevant stakeholders in industry. This workplace-based learning programme is intended for individuals working in industry who wish to undertake an intensive one-year period of study anchored in the workplace in order to upskill and enhance career development and employability in this sector. The overall philosophy of the programme is to produce science graduates who can assume positions of responsibility within the life-sciences industry by building on knowledge acquired in the workplace and reinforced with additional academic learnings.

Key course details

Entry Requirements
The programme is open to employees who hold a cognate Level 7 qualification, wishing to gain a Level 8 qualification in Applied Industrial Science while anchored in an appropriate industrial science-based workplace for the duration of the programme. All learners will have to verify there is a suitable agreement in place with their employer to facilitate entry and their undertaking this programme.

On-Campus Attendance
This innovative programme combines a blend of workplace-based learning modules plus online academic modules undertaken over two semesters comprising one academic year. No on-campus attendance required.

Who should apply?
This programme facilitates reskilling/upskilling in the workplace enhancing career advancement and employability opportunities. Graduates work in the pharmaceutical, biopharmaceutical, biomedical and medical device sectors in the areas of legislation and regulatory affairs, formulation, analysis, validation, production and quality systems..

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,000

Recognition of Prior Learning ✗

What will I study?

Modules

Work Practice

Research Methods

Biocontamination Control

Auditing and Compliance

Operations Management and GMP

Project and Work Practice

Biopharmaceutical Facilities and Utilities

Bioanalytics

Validation and Calibration

Bachelor of Science (Honours)

Applied Medical Sciences

This programme meets the requirements of the Institute of Biomedical Science, where students study the subject specialisms, namely cellular pathology, clinical biochemistry, clinical immunology, haematology and transfusion science, and medical microbiology, and an additional biology of disease module with a molecular-pathology emphasis.

Key course details

Entry Requirements
Applicants must

(a) satisfy the University's general entry requirements;

AND

(b) satisfy specific academic subject requirements for admission as detailed on the ATU Sligo website.

On-Campus Attendance
Students are required to attend ATU Sligo once per year for a 2 day lab workshop in years 1-3. They are also required to attend UU Coleraine for workshops in years 3 and 4.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 8

Credits: 200

Duration: 4 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €17,000

Recognition of Prior Learning ✓

What will I study?

Modules

Biology

Information Technology for GMP Applied Mathematics

Fundamentals of Chemistry

Science Laboratory Skills 1

GMP 1 Quality Assurance

Physiology and Anatomy of the Human Body

Biochemistry

Biomedical Science Laboratory Skills 1

Exploitation of Biology

Scientific Communication

Introduction to Biomedical Science

Enterprise in Biomedical Sciences

Molecular Biology & Genetics Research Skills

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

Bachelor of Science (Honours)

Biomedical and BioIndustrial Sciences

This programme meets the needs of the medical biotechnology and biopharmaceutical industries. Students will study critical aspects of biopharmaceutical processing including cell culture processing, protein purification, formulation fill finish and delivery biopharmaceuticals, and support services, including quality systems and regulatory affairs, validation of biopharmaceutical systems and bio-contamination monitoring and control.

Key course details

Entry Requirements
Applicants must

(a) satisfy the University's general entry requirements;

AND

(b) satisfy specific academic subject requirements for admission as detailed on the ATU Sligo website.

Examination & Assessment
This programme is assessed via a blend of continuous assessment and final exams.

On-Campus Attendance
Students are required to attend ATU Sligo once per year for a 2 day lab workshop in years 1-3. They are also required to attend UU Coleraine for workshops in years 3 and 4.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 8

Credits: 195

Duration: 4 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €17,000

Recognition of Prior Learning ✓

What will I study?

Modules

Biology

Information Technology for GMP

Applied Mathematics

Fundamentals of Chemistry (UU)

Science Laboratory Skills 1

GMP 1 Quality Assurance

Physiology and Anatomy of the Human Body

Biochemistry

Biomedical Science Laboratory Skills 1

Exploitation of Biology

Scientific Communication

Introduction to Biomedical Science

Work Based Learning Project [E]

Enterprise in Biomedical Sciences

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

Bachelor of Science (Honours)

Biopharmaceutical Science

This programme aims to provide students with a comprehensive understanding of the critical aspects of Biopharmaceutical Processing and Support Services, with specific focus on the product lifecycle of Biological products and associated processes. One of the key features of the programme is that it combines cutting edge skills in Biopharmaceutical Science and Medical Biotechnology with an understanding of the legislative and quality control system framework in which this takes place within the industry.

Key course details

Entry Requirements
Candidates will be expected to hold a cognate Level 7 degree, typically in Science or Engineering, with a second class honours grade or higher. Applicants with other qualifications and with relevant work experience may also be considered through ATU Sligo's RPL (Recognised Prior Learning) process.

Study Hours
Students can expect to have 3 hours of live lectures per week. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers. 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 course is examined via continuous assessment, with no final exams.

On-Campus Attendance
Students are required to travel to NIBRT for specialist laboratory work taking place at their state-of-the-art training facilities in Dublin. Year 2 - two days attendance in NIBRT in Semester 2.

Who should apply?
Graduates from this programme can expect to find employment in the Biopharmaceutical, Biotechnology, Medical Diagnostics, Medical Devices and Pharmaceutical sectors, as well as more broadly in the area of analytical science.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Lean Sigma

Cell Culture Processing

Quality Systems And Regulatory Affairs

Biocontamination Control

Formulation Fill Finish And Delivery Of Biopharmaceuticals

Recombinant Drug Development And Engineering

Protein Purification

Biopharmaceutical Validation

Bioanalytics

Biopharmaceutical Facilities And Utilities

Biopharmaceutical Science Project [E]

Biopharmaceutical Science Practical [E]

[E] = Elective

Bachelor of Science (Honours)

Quality for Industry

The aim of this programme is to provide students with the ability to develop and implement various quality systems which would lead to an accredited quality award/certification. Learners will gain the leadership and communication skills required to work at the senior level in the area of quality and effect change. Learners will develop expertise in assessing regulatory requirements as well as implementing quality tools that cover the life cycle of various products and services. Such tools include the design of experiments, statistics, design quality assurance, risk management and microbial quality assurance.

Key course details

Entry Requirements
This programme is available to graduates of the Level 7 programme in Quality for Industry or equivalent. The RPL process can be used to determine admission to the programme.

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
Combination of continuous assessment and final assessments/exam.

On-Campus Attendance
Typically blended delivery includes 3-4 on-campus classes per semester which takes in to account the context of the module under instruction.

Who should apply?
Suitable for those seeking career progression in the areas of Quality Engineer/Quality Managers and Quality Subject Matter Experts (SME's) on quality related issues.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 8

Credits: 60

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City

Total fees: €4,200

Fees for this part-time programme may be covered under the SUSI fee scheme for eligible candidates

Recognition of Prior Learning ✓

What will I study?

Modules

Quality Management Systems and Frameworks

Technical Writing with Case Studies

Statistics and Experimental Design

Design Quality Assurance

Regulatory Affairs

Research Project

Microbial Quality Assurance

Risk Management

Quality Management Operational Excellence

Bachelor of Science (Honours)

Environmental Management

This programme is designed to prepare students to take an active role in the areas of environmental management, project management and sustainable development. There is an ever increasing onus on all types of organisations to manage environmental issues and factor environmental and sustainability requirements into their decision making processes.

Key course details

Entry Requirements
Applicants require an Ordinary Degree (Level 7) in a relevant science discipline. Applicants with other qualifications and/or with relevant experience will also be considered.

Study Hours
Students are expected to attend 1 to 2 lectures online in the evening each week. Lectures are normally scheduled between 6-10pm from Monday - Thursday during the term It is recommended that students should try to allow for 14 hours per week per 10 credit module for their studies. This includes for online lectures, directed learning, independent study and site visits/ workshops.

Examination & Assessment
Taught modules (10 credits) are 50% exam and 50% continuous assessment. The Project module (20 credits) is 100% continuous assessment. Assignments are completed/uploaded using the online Moodle platform.

On-Campus Attendance
One meet-up once per semester for workshop/site visit activities. However, if you are abroad it is still possible to complete the course, and provision can be made to take exams remotely

External Accrediting Body
Programme is accredited by the Chartered Institution of Water and Environmental Management (CIWEM).

Who should apply?
This programme is suitable for those with a science background seeking to work across the public or private sectors worldwide, in roles such as environmental officer/ advisor/manager, sustainability officer/advisor/manager, environmental clerk of works, sustainability/environmental consultant and project manager, to name but a few.

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €5,100

Recognition of Prior Learning ✓

What will I study?

Modules

Principles of Project Management

Natural Resource Management

Cleaner Production

Principles of Sustainability

Project

Course Contacts

Admissions:
admissions.sligo@atu.ie
Student Advisor:
Niamh Doddy:
Niamh.Doddy@atu.ie

Bachelor of Science (Honours)

Occupational Safety and Health Management

This add-on programme is specifically designed for those health and safety professionals who wish to obtain a relevant Level 8 Honours degree. Organisations are demanding health and safety risk management are integral components of good organisational management. In recognition of the broader remit of the role of the health and safety professional in the workplace, modules on environment, business, training and project management are covered.

Key course details

Entry Requirements
Applicants must hold an Ordinary degree (Level 7 - 60 credits) in Health and Safety or a relevant discipline with experience. It is envisaged that applicants with other qualifications and with relevant OSH experience will also be considered for entry via RPL.

Study Hours
Typically lectures occur online one evening per week for approximately one or two hours depending on credit allocation. For part-time online, it is recommended that students should 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.

On-Campus Attendance
There will be one workshop per semester where the students will undertake teamwork, case studies, lectures and/or site visits.

External Accrediting Body
Accredited by the Institute of Occupational Safety & Health (IOSH).

Who should apply?
This programme designed for those who want to take up a management role in occupational safety and health.

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €5,700

Recognition of Prior Learning ✓

What will I study?

Modules

Regulatory Affairs

Ergonomics

Behavioural Based Safety Programs

Project Management for OSH professionals

Manual Handling Instruct Training [E]

Workstation Assessor Training [E]

Training Delivery and Evaluation (Train the Trainer) [E]

Training Needs Identification and Design [E]

Management of Workplace Health & Wellbeing (ODL)

EHS Management Systems and Auditing

Systems Safety and Risk Management

Work-Based Project

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Saoirse Kennedy: Saoirse.Kennedy@atu.ie

Cúrsaí Iarchéime Páirtaimseartha

Postgraduate Part-time Courses

Explore our postgraduate part-time programmes in the areas of Life Sciences, Environmental Sciences, Nursing & Healthcare, Sport and Nutritional Science, with awards including Level 8 Higher Diplomas, Level 9 Postgraduate Diplomas and Level 9 Masters degrees.
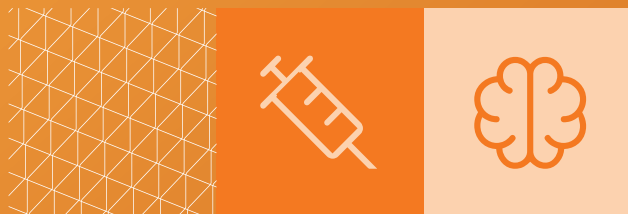
Higher Diploma in Science

Medical Device Regulatory Affairs and Quality

This programme, developed jointly by the University of Galway and ATU Sligo, has been designed to meet the growing requirements of Irish Medical Technology companies in filling regulatory and quality assurance roles. The course will enable Regulatory Affairs and Quality 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 everchanging global environment of regulatory affairs and quality.

Key course details

Entry Requirements
Level 7 qualification in a relevant area of Science, Engineering or Technology

Examination & Assessment
This programme is assessed via 100% continuous assessment.

On-Campus Attendance
One optional workshop each year which is an opportunity to meet lecturers and network with other students

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Sligo

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Introduction to Quality Management Systems

Fundamentals of EU Medical Device Regulations

Auditing and Compliance

Fundamentals of US Medical Device Regulations

Risk Management and Design Control

Validation and Calibration

Fundamentals of Global Medical Device Regulations

Sterilisation and Biocompatibility

Operations Management and GMP

Fundamentals of Medical Device Clinical Trials

Introduction to Market Vigilance and Labelling

Technical Report Writing

Higher Diploma in Science

Medical Science

This Higher Diploma is a graduate programme aimed specifically at medical laboratory assistants with a degree in science who wish to obtain a qualification that will allow them to work as medical scientists. Students will learn theory and practical skills relating to each of the core medical laboratory science disciplines.

Key course details

Entry Requirements
L8 BSc in Biochemistry or Clinical/Medical Microbiology or Immunology or equivalent including a laboratory-based research project. Applicants must be in employment in a laboratory working to ISO 15189 standard and have a letter from the laboratory management that commits to 1000 hours of multi-disciplinary practice placement. Refer to the website for further entry requirements.

Study Hours
The average weekly contact hours are 8 hours per week for each semester. There is also a significant level of self-directed learning outside these weekly contact hours.

Examination & Assessment
Some modules are 100% continuous assessment, whilst others are a mixture of continuous assessments and final exams. Practice Placement in Medical Science 1.1 is a pass/fail module.

On-Campus Attendance
Approximately 3 days per semester in stage 1 for practical workshops. During stage 2, students will come onsite for postplacement interviews (1 day) during the final semester, along with a practical workshop that will take place over a number of days.

Who should apply?
Suitable for those in employment as medical laboratory assistants in a laboratory working to the ISO15189 standard.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Student Advisor: Eileen O'Hara: Eileen.Ohara@atu.ie

Blended

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €10,000

Recognition of Prior Learning ✓

What will I study?

Modules

Professional Practice & Communication in Medical Science

Medical Microbiology 1.1

Clinical Immunology 1.1

Cellular Pathology 1.1

Quality Management in Medical Science 1.1

Clinical Chemistry 1.1

Transfusion Science 1.1

Haematology 1.1

Practice Placement in Medical Science 1.1

Pathology in Practice

Clinical Research Methods in Medical Science

Higher Diploma in Science

Medical Technology Regulatory Affairs

This programme offers a wholistic solution for participants to gain practical & theoretical understanding of regulatory affairs activities for the Medical Technology sector. It supports the Medtech industry by ensuring that students are well practiced and educated on the specific regulations and associated application methods for global life science markets. It incorporates practical industry experience that will ensure students can immediately apply knowledge and competence. The aim of the programme is primarily intended to provide a qualification for graduates (employed/unemployed) to undertake or progress in a Medical Technology Regulatory affairs career.

Key course details

Entry Requirements
Course participants must have at least a Level 8 qualification 240 credits (4 year hons degree) prior to acceptance onto this course or relevant technical experience (2-3 yrs) in the medical technology industry.

Study Hours
Generally, two evening lectures per week (2 hours each) followed by six (6) research & review self guided study hours maximum.

Examination & Assessment
A practical test of understanding of each module is carried out through ongoing assessment, team projects and class presentations. Module Advancement through attainment of required grade is mandatory.

On-Campus Attendance
There will be at least one mandatory workshop in Semester 1 at ATU Galway City facilities for this programme.

Who should apply?
Quality & Engineering Technicians or Specialists in the Medical Device, IVD or Life Science sector. It is suitable for all Technical disciplines in the Medtech sector.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

This course will run subject to approved funding and sufficient student numbers

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Fundamentals in Regulatory Affairs - Introduction

Quality Management, Regulatory Strategy and Audit Practices

Design Controls, Risk Management and Clinical Studies for Medical Technology Industry

Medical Technology Regulations for the US Market

Medical Technology Regulations for the EU Market

Major Global Markets

Medical Device Safety Monitoring and Incident Reporting

Advanced Therapy Medicinal Products (ATMP) Cell Manufacturing

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No on-campus attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €6,000**

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

[E] = Elective Module.

Master of Science

Duration: 3 years

Credits: 90

Total fees: €8,496**

ATMP Thesis

Online

Level: 9

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

Delivery Method: Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

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

Advanced Therapy Medicinal Products (ATMP) Technology and Manufacturing

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No on-campus attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €9,996**

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

Master of Science

Duration: 3 years

Credits: 90

Total fees: €12,000**

ATMP Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

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

Advanced Therapy Medicinal Products (ATMP) Vector Manufacturing

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No on-campus attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €6,000**

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

[E] = Elective Module.

Master of Science

Duration: 2 years

Credits: 90

Total fees: €8,496**

ATMP Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

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

BioIndustry 4.0

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €6,000**

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

Master of Science

Duration: 2 years

Credits: 90

Total fees: €8,496

BioProcesssing Thesis

Online

Level: 9

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

Delivery Method: Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions: admissions.sligo@atu.ie

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

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

Bioinformatics

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment for all modules.

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 semester

Credits: 30

Total fees: €2,100

Genome Biology
Genomic Techniques & Databases
Bioinformatics Methods

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4,200

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

Master of Science

Duration: 1 or 2 years

Credits: 90

Total fees: €6,300

Research Dissertation

Online

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Letterkenny

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:
admissions.donegal@atu.ie

Master of Science

Biopharmaceutical Manufacturing

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

Key course details

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

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

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

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Student Advisor: Eileen O'Hara: Eileen.Ohara@atu.ie

Blended

Level: 9

Credits: 90

Duration: 15 months

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

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules
Bioprocessing Technology
Design and Analysis of Experiments
Six Sigma Management
Validation for Biopharmaceuticals
Advanced Biopharmaceutical Science
Applied Research Project
Biopharmaceutical Science [E]
Quality Management Systems and Regulatory Affairs [E]
Applied Immunology, Immunotherapeutics and Vaccine Technology [E]
Biopharmaceutical Facilities [E]
Machine Learning and Vision [E]
[E] = Elective Modules

Master of Science

Biopharmaceutical Processing

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

Key course details

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

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

Examination & Assessment
Each module is 100% continuous assessment.

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 9

Credits: 90

Duration: 2.5 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €8496

Recognition of Prior Learning ✓

What will I study?

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

Biopharmaceutical Science

Award Options

- **Master of Science**
- **Postgraduate Diploma in 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 (RPL).

Study Hours

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

Examination & Assessment

This programme is assessed via 100% continuous assessment.

On-Campus Attendance

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €9,996

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

Master of Science

Duration: 2.5 years

Credits: 90

Total fees: €12,000**

Biopharmaceutical Dissertation
[E] = Elective Modules

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

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

CQV Commissioning, Qualification and Validation for Biologics Manufacturing

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €6,000**

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

Master of Science

Duration: 2 years

Credits: 90

Total fees: €8,496**

BioProcesssing Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

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

End-to-End Sterility Assurance

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €4,500**

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

Master of Science

Duration: 2 years

Credits: 90

Total fees: €5,500**
*Irish Medtech Skillnet members pay €3,500

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

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Recognition of Prior Learning ✕

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

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

Master of Science

Industrial Pharmaceutical Science

This course comprises of six modules, providing teaching in 22 major subject areas and an MSc Research Project. For suitably qualified candidates who wish to pursue Qualified Person Status, the course fulfils the educational requirements required by European Directive 2001/83/EC and 2001/82/EC.

Key course details

Entry Requirements

An Honours degree or its equivalent in an appropriate discipline. Candidates intending to pursue Qualified Person status should have an appropriate primary degree that conforms to the specific requirements for primary qualifications listed in European Directives 2001/83/EC and 2001/82/EC. There is also a requirement to have completed a minimum of two years of practical industrial experience in an appropriate manufacturing environment.

Study Hours

Most online courses typically involve 3 x 5 credit modules per semester which leads to an average 15 – 18 study hours per week. Our online courses have about 3 hours of live lectures per week (but this can vary per programme). The rest of your study time consists of independent learning, communicating with your lecturers and classmates and carrying out assignments.

Examination & Assessment

This programme is assessed by a mix of continuous assessment and final exam.

On-Campus Attendance

One workshop per semester (which will be a day and a half on a Friday and Saturday).

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €16,200

Recognition of Prior Learning ✕

What will I study?

Modules

Active Pharmaceutical Ingredients and Pharmaceutical Analysis

Chemistry, Pharmacology and Toxicology of Therapeutics

Regulation and Licensing of Pharmaceutical and Biotechnology Products and Medical Devices

Formulation of Dosage Forms, Sterile Pharmaceuticals and Advanced Drug Delivery Systems

Processes and Production and Pharmaceutical Quality Systems

Management of Pharmaceutical Operations and Projects

Research Project

Master of Science

Medical Science

This programme is aimed at medical science professionals aiming to enhance their careers in research and advanced clinical or professional practice. The programme allows learners to specialise in one of the core Medical Science disciplines and develop an in-depth knowledge of clinical and laboratory medicine and advanced skills to conduct independent research.

Key course details

Entry Requirements

Applicants require a BSc (Hons) in Medical Science/ Biomedical Science and must currently be working as a Medical Scientist in a clinical diagnostic laboratory. Candidates enrolled in the programme must complete a laboratory-based research project, and access to laboratory facilities and associated support is a prerequisite for this programme.

Study Hours

Lectures and tutorials will be delivered live online, normally between 6pm and 9pm, and will also be recorded. The average weekly contact time for the programme is 7-8 hours.

Examination & Assessment

This programme is mainly assessed via continuous assessment - with just one module having one online final exam.

On-Campus Attendance

No attendance required.

Who should apply?

This programme is suitable for working Medical Scientists seeking career progression to Senior Medical Scientist, Specialist Medical Scientist, Chief Medical Scientist and Laboratory Manager.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

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

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Galway City, Dublin Road

Total fees: €8000

Recognition of Prior Learning ✓

What will I study?

Modules

Design and Analysis of Experiments

Research Methods

Advances in Clinical Laboratory Diagnostics

Molecular Diagnostics and Bioinformatics

Research Project in Medical Science

Applied Quality Management for the Clinical Diagnostic Laboratory

Clinical Laboratory and Project Management

Advanced Practice in Transfusion and Transplantation Science [E]

Advanced Clinical Chemistry [E]

Advanced Clinical Laboratory Haematology [E]

Advanced Clinical Microbiology and Infection [E]

Clinical Immunology, Global Infections and Therapeutics [E]

Advanced Cellular Pathology [E]

Medical Device Regulatory Affairs

Award Options

- **Master of Science**
- **Postgraduate Diploma (Medical Device Regulatory Affairs)**
- **Postgraduate Certificate (Medical Device Regulatory Affairs)**

This course will enable Regulatory Affairs personnel in the Medical Technology industry to understand all current device and diagnostic regulations and to develop the skills necessary to address and prepare for the ever-changing global environment of regulatory affairs. Developed jointly by the University of Galway and ATU Sligo and in conjunction with an industry taskforce comprised of regulatory experts from the Irish Medtech Association (IMA) Regulatory and Quality Working Group, the course is supported by the Irish Medical Devices Association and Irish Medtech Association (IMA) Skillnet. Given the evolving nature of international regulations, a regulatory affairs professional must continually grow their knowledge and skills to be effective and to advance in their careers.

Key course details

Entry Requirements

Applicants require a Level 8 primary degree in a science/engineering subject related to the life sciences.

Study Hours

The programme consists of 12 modules, each worth 5 credits. Three modules are delivered per semester. A dissertation (30 credits) is also carried out over Year 1 and Year 2.

Examination & Assessment

This programme is assessed via 100% continuous assessment.

On-Campus Attendance

One optional workshop, per semester.

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €4,650

Introduction to EU Medical Technology Regulatory Affairs
Introduction to US Medical Technology Regulatory Affairs
Technical Report Writing
Global Medical Technology Regulatory Affairs Part 1
Clinical Evaluation Reporting
Quality Management System

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €9,300

EU Medical Technology Regulatory Affairs - Advanced
US Medical Technology Regulatory Affairs - Advanced
Risk Management, Labelling and Promotion
Global Medical Technology Regulatory Affairs Part 2
Design Assurance, Sterilisation and Biocompatibility
Post Market Surveillance

Master of Science

Duration: 2.5 years

Credits: 90

Total fees: €13,950*
*Irish Medtech Skillnet members pay €9,416.25.

Medical Technology Regulatory Affairs Dissertation

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Validation and Digitalisation Technologies

Award Options

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

This programme is a joint initiative with NIBRT and aims to provide students with a comprehensive grounding in critical aspects of Biopharmaceutical Processing and Support Services, with specific focus on the validation of equipment and facilities and understating of the applications of BioIndustry 4.0. It will provide a postgraduate qualification in the area of digitalisation that will form both an introduction for new or proposed entrants to the area and additional skills and knowledge to those working in the area.

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €9,996

Biologics Manufacturing
Facility Design and Operation
Regulation, Risk and Compliance
Commissioning, Qualification & Validation
Scale Up and Technology Transfer
Introduction to BioIndustry 4.0
Biologics Manufacturing: Current and Future
Regulation, Risk and Compliance (E)
Research Methods Biopharma (E)
Bio Industry 4.0 Theory and Practice
Bio Industry Data & Digital Technologies

(E) = Elective Modules

Master of Science

Duration: 3 years

Credits: 90

Total fees: €12,000

Biopharmaceutical Dissertation

Environmental Protection

Award Options

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

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

Key course details

Entry Requirements

Applicants require an Honours degree (Level 8) in science or engineering, or other relevant cognate area. Alternatively, applicants may hold a relevant Ordinary degree (Level7) in science or engineering other relevant cognate area and have obtained a minimum of three years relevant post-qualification experience. Applicants must have achieved merit or greater in the 60 credit Postgraduate Diploma in Environmental Protection before progressing to the Masters.

Study Hours

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

Examination & Assessment

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

External Accrediting Body

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

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €4,800

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

Master of Science

Duration: 3 years

Credits: 90

Total fees: €7,200

Dissertation

Online

Level: 9

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

Delivery Method: Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Master of Science

Environmental Health and Safety (EHS) Management

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

External Accrediting Body

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

Who should apply?

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

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,200

Recognition of Prior Learning ✕

What will I study?

Modules

Risk, Management and Technical Safety

Natural Resource Management & Assessment

Occupational Health, Hygiene and Chemical Risk Management

Environmental Licensing and Industrial Efficiency

Integrated Management Systems

EHS Regulation

EHS Dissertation

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Food and Nutritional Product Development

Award Options

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

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

Key course details

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2,400

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

[E] = Elective Module.

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7,200

Research Methods
Food and Nutritional Product Development Research Project

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

ILEP Approved ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Science

Nutrition and Food Sensory Science

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Blended

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €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

Admissions:
learn.galwaymayo@atu.ie

Food Regulatory Affairs

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment for each module.

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3,500**
*Food and Drink Ireland Skillnet member rate - €2250.
Fees may be subject to change.

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €7,000**
*Food and Drink Ireland Skillnet member rate - €4500
Fees may be subject to change.

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

Master of Science

Duration: 3 years

Credits: 90

Total fees: €9,900**
*Food and Drink Ireland Skillnet member rate - €6650
Fees may be subject to change.

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

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Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Sustainable Food Systems

Award Options

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

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

Key course details

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

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

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

On-Campus Attendance
No on-campus attendance required.

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3500
*Food and Drink Ireland Skillnet member rate - €2250
Fees may be subject to change.

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €7000
*Food Drink Ireland Skillnet Member Rate - €4500
Fees may be subject to change.

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

Master of Science

Duration: 2 years

Credits: 90

Total fees: €9900
*Food and Drink Ireland Skillnet member rate - €6650
Fees may be subject to change.

Dissertation in Food Regulatory Affairs and Sustainable Food Systems

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Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Water Services Management

Award Options

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

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

Key course details

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

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

Examination & Assessment
Assessment is a combination of continuous assessment and final exams.

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

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

Who should apply?
Individuals employed or seeking employment within the public/private water/wastewater sector.

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €4400

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €8796

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

Master of Science

Duration: 2.5 years

Credits: 90

Total fees: €11,000

Dissertation

Online

Level: 9

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

Delivery Method: Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@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

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €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

Sports and Exercise Nutrition

Award Options

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

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

Key course details

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

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

Examination & Assessment
This programme is assessed by 100% continuous assessment.

On-Campus Attendance
No on-campus attendance required.

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

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4200

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

[E] = Elective Module. Modules subject to availability

Master of Science

Duration: 2 years

Credits: 90

Total fees: €6300

Sports and Exercise Nutrition Thesis

Online

Level: 9

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

Delivery Method: Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Science

Digital Innovation for Sport

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 9

Credits: 90

Duration: 1.5 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €7,200
Members of the Gaelic Players Association (GPA) may be eligible for a full scholarship

Recognition of Prior Learning ✓

What will I study?

Modules
Mandatory Module Pairs:

Data Analytics for Sport Intelligence & Analytics and AI for Sport

Digital Transformation for Sport & Leading Digital Transformation

Digital Innovation for Sport & Research Methods

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

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Master of Science

Advancing Health and Social Care

This programme aims to provide students with concepts, theories and academic skills to contribute to an agenda of change in their organisation. The modules will allow students to critically explore, assess, evaluate and enhance their area of professional expertise and interest, with a final module at Masters Level - Research Dissertation - enabling students to complete research in a topic of relevance to their area of expertise.

Key course details

Entry Requirements

The minimum entry requirements are a Level 8 Honours Degree in a relevant discipline such as Health & Social Care, Nursing, Early Childhood Care, Social Work, Youth Work etc. Applicants may be required to undertake an interview. Recognition of Prior Learning (RPL) will be considered in accordance with the Quality Assurance of ATU.

Examination & Assessment

This programme is assessed via 100% continuous assessment.

On-Campus Attendance

In the Postgraduate Certificate and Postgraduate Diploma phases, students undertake directed work and attend 3 seminar days per module on campus. In the Master of Health Science phase, students attend 3 seminar days per semester online.

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 1/2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules
Research Dissertation

Applied Health and Wellness Coaching

Award Options

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

This programme will provide professionals with the tools to complement their knowledge base and enable them to facilitate their clients to achieve their health goals. Health coaching draws on a number of underpinning theories including Motivational Interviewing, the Transtheoretical Stages of Change Model and Appreciative Inquiry. The aim of health and wellness coaching is to help the individual to choose the behaviour they want to change and support them through goal setting and ongoing goal review and support. This programme is approved by the Nursing and Midwifery Board of Ireland as a Category 2 programme.

Key course details

Entry Requirements

Applicants require an undergraduate degree (Level 8, NFQ) with second class honours or above. In certain circumstances applications from candidates who do not meet the above requirements will be considered provided they have a professional qualification in a relevant subject area and/or having relevant coaching experience - these applicants will require a portfolio. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours

In Years 1 and 2, live lectures normally take place between 3-5 on one afternoon per week with 2 all-day workshops per module (one online, one on-campus). In Year 3, students attend 3-4 seminar days per semester online.

Examination & Assessment

A mixture of assignments, exams and practical skills assessment.

External Accrediting Body

This programme is an Approved Health and Wellness Coach Training & Education Program by the National Board for Health and Wellness Coaching (NBHWC). Graduates of this programme are eligible to apply for the HWC Certifying Examination to become National Board Certified Health & Wellness Coach.

On-Campus Attendance

Attendance is required at the ATU St Angelas campus one or two days per semester.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3,000
* May be eligible for funding though the regional Centre for Nursing and Midwifery Education.

Fundamentals of Coaching and Healthy Lifestyle Behaviours
Foundations of Health and Wellness Coaching
Advanced Theory and Practice of Health and Wellness Coaching

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €6,000
* May be eligible for funding though the regional Centre for Nursing and Midwifery Education.

Advanced Nutrition in Health and Wellness Coaching
Coaching Strategies for Psychological Wellbeing
Advanced Research Skills

Master of Health Science

Duration: 3 years

Credits: 90

Total fees: €9,000

Research Dissertation

Blended

Level: 9

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

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Master of Science

Clinical Measurement Physiology

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

The aim of this programme is to allow people, with a related undergraduate degree, to gain the qualification, skills and competencies to enter the healthcare work force as a Clinical Measurement Physiologist.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Blended

Level: 9

Credits: 120

Duration: 2 years

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

Delivery Method:
Blended

Campus: Sligo

Total fees: €12,600

Recognition of Prior Learning ✗

ILEP Approved ✓

What will I study?

Modules

Professional Practice I

Physiological Systems

Core Placement Skills

Clinical Measurement Instrumentation

Medical Imaging

Advanced Clinical Measurement Applications

Medical Pharmacology

Clinical Biochemistry

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

Cognitive Behavioural Psychotherapy

Award Options

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

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

Key course details

Entry Requirements

Applicants must hold a NFQ Level 8 Honours Degree In Mental Health Nursing with a minimum of 2.2 classification or equivalent qualification. Applicant should also be currently registered with the Nursing Board of Nursing and Midwifery Ireland (NMBI), and have post-qualification experience as a qualified Mental Health Nurse/ Psychiatric Nurse for a minimum of 3-5 years with clients presenting with a variety of mental health challenges. Candidate should be currently employed in a practice area where Cognitive Behavioural Psychotherapy (CBP) is employed as a treatment modality, and be able to provide evidence of support from their line manager/ director of services in the form of facilitating them to practice as a student CBP therapist under a named CBP therapist who will act as the students' clinical supervisor throughout clinical practice. Potential students may be interviewed as part of the application process.

Study Hours

The course consist of 7 modules with a recommendation of 250-300 hours of study per module.

Examination & Assessment

The programme assessment strategy has been carefully thought out to reflect the requirements of the programme. A continuous assessment process is in operation for the entire programme and operates the first module onwards. Assessments are designed to assess the learners' academic progression along with their developing professional competence as CBP therapists. A variety of assessment strategies are used, such as: Essay-Based Assignments; Observed Structured Clinical examination of skill (OSCE's); Assessment of submitted audios of real life sessions with clients; Case Study Presentation; Portfolio Maintenance; Reflective Practice assignments.

On-Campus Attendance

On-campus attendance is required on average once weekly throughout the academic year in Year 1 along with an additional days attendance once per month. Approximately 40 days attendance requirement Year 1 and minimal attendance required in Year 2.

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €10,000

Theoretical Foundations of Therapeutic Communication and Cognitive Behavioural Psychotherapy
Evidenced based Theory and Practice of Cognitive Behavioural Psychotherapy for Anxiety & Depression
Professional Practice
Advanced Research Skills
Evidenced based Theory and Practice of Cognitive Behavioural Psychotherapy for Complex Presentations
Evidenced Based theory and Practice of Third Wave and New Generation CBP

Master of Health Science

Duration: 2 years

Credits: 90

Total fees: €14,000

Research Dissertation Practicum

On-campus

Level: 9

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

Delivery Method:
On-campus

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Community Mental Health Nursing

Award Options

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

Through this programme, students are able to build upon their previous nursing expertise with education in the area of Mental Health Nursing. They can respond proactively to changes in their practice and work environment and become key drivers in the development of their professional practice. The Professional Practice module aims to expose the student to contemporary mental health care in the community.

Key course details

Entry Requirements

Applicants must be currently practicing as a psychiatric nurse and be a Registered Psychiatric Nurse on the Psychiatric Division of the active register maintained by NMBI with at least 18 months post-registration experience. Applicants should hold a primary degree in nursing. If applicants do not have a primary degree in nursing, they will be invited to complete an access course. To progress to Year 2, students must obtain an aggregate mark of 60% in their Postgraduate Diploma (Year 1). For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours

Each of the six 10 credit modules have a 20 hour per week workload and this includes class time, online directed work, self-directed work and assessment preparation. Year 2 consists of a 30 credit workload.

Examination & Assessment

The programme is assessed by a variety of coursework, practical examinations and written examinations.

On-Campus Attendance

In Year 1, attendance is required at St Angelas Campus for 6 days during Semester 1 and 9 days during Semester 2. In Year 2, students attend 3-4 online seminar days per semester. Students also have group and individual research dissertation supervision.

Who should apply?

This programme is suitable for registered Psychiatric Nurses on the Psychiatric Division of the active register maintained by NMBI who are currently practicing as a psychiatric nurse and have at least 18 months post-registration experience in psychiatric nursing (exclusive of post-registration courses).

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €10,800

Making Recovery a Reality: A Co-produced Module
Therapeutic Communication
Advanced Research Skills
Primary and Community Mental Health Care
Professional Practice (Clinical)
Introduction to Cognitive Behaviour Therapy (E)
Assessing & Managing Clients Presenting Following Self-harm (E)
Early Intervention for People Who Experience First Episode Psychosis (E)
Eating Disorders in Adults and Adolescents (E)

(E) = Elective Modules

Master of Health Science

Duration: 2 years

Credits: 90

Total fees: €12,600

Research Dissertation Practicum

Blended

Level: 9

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

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Gerontology Nursing | Gerontology Practice

Award Options

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

This exciting multidisciplinary course emphasises healthy aging in older adults, and will benefit those registered as a nurse on the live register of NMBI or health and social care professionals registered with CORU, and caring for older people in their place of work. The aim of this course is to develop postgraduates' theoretical knowledge, professional values and skills to enable them to plan and implement evidence-based interventions and person-centred approaches for older people across a variety of health and social care contexts. This course is accredited by the Nursing and Midwifery Board of Ireland for those registered nurses on relevant division (RGN, RNID, RNT, RPHN, RPN). Applicants can choose to qualify in Gerontology Nursing or Gerontology Practice, depending on their profession, and are invited to apply to the campus of their convenience.

Key course details

Entry Requirements

A Level 8 Bachelor (Hons) degree with a minimum grade classification of H2.2 or equivalent (nursing, health science/studies or social science/studies related) or evidence of equivalent academic credits. Applicants who have successfully undertaken and passed at a H2.2 performance standard, a minimum of one 10 ECTS module (Level 9), as a standalone module or equivalent (in the previous four years) will be eligible to apply. Applicants will hold registration as a nurse on the live Register of NMBI (or equivalent) in the General, or Psychiatric, or Intellectual Disability division, or hold registration as an allied health and social care professional on the live Register of CORU (or equivalent), and have a minimum of 1-year post-registration experience including six months in a care of the older person setting and be currently employed in a setting where he/she has opportunities to care for older people.

Study Hours

Students will be required to complete modules worth 5 ECTS (125 hours total student effort) or 10 ECTS (250 hours total student effort) with students being expected to attend hours in class, complete online directed learning courses.

Examination & Assessment

Examinations and assessment for this award may include, amongst others, a variety of methods including case presentation, projects, professional assignments, case studies, e-tivities, e-discussion forums and essays. The Research Dissertation Practicum module is assessed through a research dissertation in the final fourth semester.

On-Campus Attendance

Delivery of this course will be hybrid, as content may be delivered both on and off and between campuses in ATU Donegal in Letterkenny, ATU St Angelas in Sligo, and ATU Mayo in Castlebar.

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €7,200

Ageing, Health Assessment and Management in the Older Person
Contemporary Legal & Professional Issues
Contemporary Approaches to Care of the Older Person
Advanced Research Skills
Dementia, Delirium and Mental Health in the Older Person
Advanced Professional Leadership & Management

Master of Science

Duration: 2 years

Credits: 90

Total fees: €10,800

Research Dissertation Practicum

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Letterkenny, Mayo, St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
St Angelas:
admissions.stangelas@atu.ie

Mayo:
learn.galwaymayo@atu.ie

Donegal:
admissions.donegal@atu.ie

Master of Science

Health Promotion Practice

This programme equips graduates with the skills and knowledge to work in a variety of health, wellness and health promotion, and research roles in the statutory, community, voluntary health and social care sector and the private sector. The programme combines the development of expertise in Health Promotion, including skills in research, analysis, and communication, with skills in the planning and execution of complex initiatives in this field.

Key course details

Entry Requirements

Applications with a 2.2 Honours award in any discipline may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

Study Hours

Students are expected to attend 2-3 lectures in the evening each week which can range from 1-3 hours. It is recommended that students complete up to 10 hours independent learning per 5 credit module.

Examination & Assessment

This programme incorporates a variety of continuous assessment methods.

External Accrediting Body

International Union for Health Promotion and Education.

On-Campus Attendance

No attendance required.

Who should apply?

As Healthy Ireland encourages all sectors of society to engage in promoting health, graduates are welcomed from any discipline including but not limited to health science/ health promotion, sport and leisure, education, health and safety, social sciences and childcare. Graduates will be suitably qualified to work in a wide range of health and community settings. Graduates may pursue careers in research, advocacy and policy development including evidence. Other opportunities include careers as health project managers, researchers and as wellness practitioners.

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules

Concepts & Competencies for Health Promotion

Health Project Management

Quantitative Methods for Health Research

Qualitative & Mixed Methods for Health Research

Statistics and Data Analysis

Heath Promotion Practice Thesis

Course Contacts

Admissions:
admissions.sligo@atu.ie
Student Advisor:
Mary Tully: Mary.Tully@atu.ie

Master of Health Science

International Healthcare Management

This exciting programme has been developed as a response to an identified need in international healthcare for a postgraduate programme which focuses on healthcare management. The purpose of the programme is to prepare healthcare professionals to assume the role of managers and leaders in various health care settings globally.

Key course details

Entry Requirements

A primary degree (min 2:2) in Nursing or Healthcare related field. Minimum of three years post-registration nursing/health related experience. Evidence of professional registration where applicable.

Study Hours

It is recommended that students should try to allow for 10-12 hours per week per 10 credit module to their studies.

Examination & Assessment

The programme's content is assessed by examinations and continuous assessment.

On-Campus Attendance

Attendance is required at the St Angelas Campus for 4 days per module.

Who should apply?

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

On-campus

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
On-campus

Campus: St Angelas

Total fees: €7,200

Recognition of Prior Learning ✗

What will I study?

Modules

Quality and Healthcare Management

Principles of Healthcare Leadership

Healthcare Ethics

Healthcare Project Management

Managing Finance in Healthcare Organisations

Strategic Management and Leadership

Enhancing Evidence Based Practice

Course Contacts

Admissions: admissions.stangelas@atu.ie

Nursing Studies

Award Options

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

The aim of this programme is to facilitate health professionals to develop and augment their knowledge and skills in a manner conducive to the development of their professional practice and become skilled in research and evidence-based practice methodology. The Postgraduate Diploma phase provides a flexible format allowing students to choose from a suite of modules that are relevant to their own clinical and professional practice development. The multi-disciplinary nature of the programme mirrors the current and desired approach to healthcare delivery.

Key course details

Entry Requirements

Applicants must be registered as a nurse on the Register held by the Nursing and Midwifery Board of Ireland. Applicants will normally have gained a primary degree (health science/studies or social science/studies related) Level 8 or evidence of equivalent academic credits. Applicants must also be currently employed in healthcare either in: clinical practice/ management/ research / education. For full details on the entry requirements for this programme please see the course webpage.

Study Hours

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

Examination & Assessment

In the Postgraduate Diploma phase, most modules are assessed through a broad range of coursework formats. Students also develop a research proposal or an evidence synthesis protocol. In the Master of Health Science in Nursing Studies programme, students undertake a systematic evidence synthesis or a primary research study under supervision.

External Accrediting Body

NMBI Category 2 Approval.

On-Campus Attendance

In the Postgraduate Diploma phase, students undertake directed work and attend 2-4 seminar days per module on campus. In the Master of Health Science phase, students attend 3-4 seminar days per semester online.

Who should apply?

This programme is suitable for nurses interested in advancing their understanding of research and evidence-based practice methodologies. The programme will provide students with the necessary knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 or 3 years

Credits: 60

Total fees: €6,000

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

Master of Health Science

Duration: 3 or 4 years

Credits: 90

Total fees: €9,000

Research Dissertation Practicum

(E) = Elective Module.

Blended

Level: 9

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

Delivery Method:
Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

Mayo

Palliative and End of Life Care

Award Options

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

This programme is tailored for students from a range of professional disciplines to further develop competencies in the field of palliative and end of life care at a advanced level. Students on the Masters programme undertake an applied research project. This programme also offers standalone modules; this gives students the opportunity to study a module of particular interest without undertaking the full programme.

Key course details

Entry Requirements

Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and a minimum of one year's experience in delivering a palliative care approach within practice within the last two years. Applicants must be employed for the duration of the course in an area where the principles of palliative care are operationalised. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours

Students can expect to allow for 6 hours of study per week.

External Accrediting Body

NMBI - Nursing and Midwifery Board of Ireland.

On-Campus Attendance

Attendance is required at the Mayo Campus for workshops over 1.5 days, 4 times in Semester 1 and 4 times in Semester 2. Year 2 is fully online research supervision.

Who should apply?

This is programme designed for professionals working in areas that cater for people in palliative and/or end of life care. This includes doctors, occupational therapists, physiotherapists, counsellors, social workers, nurses, psychologists, managers and healthcare assistants.

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 semester

Credits: 30

Total fees: €2,400

Principles of Palliative and End of Life Care
Psychosocial, Ethical and Spiritual Care
Effective Symptom Management in Life Limiting Conditions (E)
Reflective Practice (E)
End of Life Care for the Person with Dementia (E)

Postgraduate Diploma

Duration: 1 year

Credits: 60

Total fees: €4,800

Applied Research
Bereavement and Loss
Clinical Practice Placement (for nurses),
Creative Arts in Palliative Care (E)

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7,200
*Accommodation for residentials is included in the fees.

Dissertation

(E) = Elective Modules

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

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €10,800

Recognition of Prior Learning ✕

What will I study?

Modules

Research Methods for Evidence Based Practice

The Fundamentals of Professional Practice (Nursing)

Leadership and Clinical Decision Making for Advanced Practice

Advanced Practice in Person-Centred Integrated Care

Quality and Innovation

Generating Evidence for Healthcare Practice and Improvement

Advanced Comprehensive Health Assessment [E]

Transforming Professional Practice Through Reflection [E]

[E] = Elective Modules

Professional Studies

Award Options

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

The aim of this programme is to facilitate health professionals to develop and augment their knowledge and skills in a manner conducive to the development of their professional practice and become skilled in research and evidence-based practice methodology. The Postgraduate Diploma phase provides a flexible format allowing students to choose from a suite of modules that are relevant to their own clinical and professional practice development. The multi-disciplinary nature of the programme mirrors the current and desired approach to health and social care delivery.

Key course details

Entry Requirements

Applicants must be registered on the appropriate allied health or social care professional Register. Applicants will normally have gained a primary degree (health science/studies or social science/studies related) Level 8 or evidence of equivalent academic credits. Applicants must also be currently employed in healthcare either in: clinical practice/ management/ research / education. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours

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

Examination & Assessment

In the Postgraduate Diploma phase, most modules are assessed through a broad range of coursework formats. Students also develop a research proposal or an evidence synthesis protocol. In the Master of Health Science in Professional Studies programme, students undertake a systematic evidence synthesis or a primary research study under supervision.

External Accrediting Body

NMBI Category 2 Approval.

On-Campus Attendance

In the Postgraduate Diploma phase, students undertake directed work and attend 2-4 seminar days per module on campus. In the Master of Health Science phase, students attend 3-4 seminar days per semester online.

Who should apply?

This programme is suitable for allied healthcare professionals or midwives interested in advancing their understanding of research and evidence-based practice methodologies. The programme will provide students with the necessary knowledge and skills to avail of a variety of employment opportunities in the acute and community setting.

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 or 3 years

Credits: 60

Total fees: €6,000**

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

Master of Health Science

Duration: 3 or 4 years

Credits: 90

Total fees: €9,000**

Research Dissertation Practicum

(E) = Elective Modules

Blended

Level: 9

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

Delivery Method: Blended

Campus: St Angelas

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.stangelas@atu.ie

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

Sligo

Master of Science

Public Health Nutrition

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No attendance required.

Who should apply?

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

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €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

Quality and Safety in Healthcare

Award Options

- **Master of Science**
- **Postgraduate Diploma in Quality and Safety (Health and Social Care)**

This programme equips students with skills such as critical thinking and critical analysis of evidence-based practice that promotes a high-performance culture of reflecting the evolving nature and demands of contemporary health and social care delivery. Graduates of this programme have developed critical understanding of developing and sustaining quality and safe care as relevant to their own professional area.

Key course details

Entry Requirements
Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and 1 year full-time relevant work experience which must be in the last five years.

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

Examination & Assessment
A feature of the programme is the strong focus on 'practice' element for the purposes of skills development and assessment. Many of the assessments are applied in nature and are designed to encourage the learner to reflect on their personal professional practice and or organisation and apply their learning to real-time situations.

On-Campus Attendance
In Year 1, there are a total of 16 days on-site at the Mayo Campus across the academic year (eight 2-day sessions; four in Semester 1 and four in Semester 2). These residential days are typically on Thursday afternoons and all day on Fridays. In Year 2, students undertake a dissertation. Students are allocated a supervisor for the academic year. Supervision meetings dates are agreed by the student and the supervisor and may be held in person or virtually.

Who should apply?
This programme has been designed for people working across health and social care organisations in administrative and or practitioner roles, who want to expand their skills and qualifications. Graduates will particularly benefit in pursuing a career path in quality management, audit, compliance, general management, governance, and person safety roles.

Progression Pathways

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

What will I study?

Postgraduate Diploma in Quality and Safety (Health and Social Care)

Duration: 1 year

Credits: 60

Total fees: €4,800

Governance & Compliance for Quality
Safer Systems
Quality & Innovation
Person Safety
Critical Thinking & Decision Making
Applied Research

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7,200
* Residential accommodation is included in the fees.

Dissertation

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Quality and Safety in Social Care

Award Options

- **Master of Science**
- **Postgraduate Diploma in Quality and Safety (Health and Social Care)**

This programme equips students with skills such as critical thinking and critical analysis of evidence-based practice that promotes a high-performance culture of reflecting the evolving nature and demands of contemporary health and social care delivery. Graduates of this programme have developed critical understanding of developing and sustaining quality and safe care as relevant to their own professional area.

Key course details

Entry Requirements

Applicants require an Honours Degree (H2.2) in any health or social care discipline or recognised cognate professional qualification and 1 year full-time relevant work experience which must be in the last five years.

Study Hours

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

Examination & Assessment

A feature of the programme is the strong focus on 'practice' element for the purposes of skills development and assessment. Many of the assessments are applied in nature and are designed to encourage the learner to reflect on their personal professional practice and or organisation and apply their learning to real-time situations.

On-Campus Attendance

In Year 1, there are a total of 16 days on-site at the Mayo Campus across the academic year (eight 2-day sessions; four in Semester 1 and four in Semester 2). These residential days are typically on Thursday afternoons and all day on Fridays. In Year 2, students undertake a dissertation. Students are allocated a supervisor for the academic year. Supervision meetings dates are agreed by the student and the supervisor and may be held in person or virtually.

Who should apply?

This programme has been designed for people working across health and social care organisations in administrative and or practitioner roles, who want to expand their skills and qualifications. Graduates will particularly benefit in pursuing a career path in quality management, audit, compliance, general management, governance, and person safety roles.

Progression Pathways

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

What will I study?

Postgraduate Diploma in Quality and Safety (Health and Social Care)

Duration: 1 year

Credits: 60

Total fees: €4,800

Governance & Compliance for Quality
Safer Systems
Quality & Innovation
Person Safety
Critical Thinking & Decision Making
Applied Research

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7,200

Dissertation

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Therapeutic Interventions for Alcohol and Other Drugs

Award Options

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

This programme aims to provide those working in the areas of nursing, health and social care with the skills and knowledge necessary to effectively deal with drugs and alcohol issues. The programme plays a key role in empowering a workforce to respond to and provide systemic alcohol and other drug interventions within a four-tier model of treatment and care.

Key course details

Entry Requirements

The minimum entry requirements are a Level 8 Honours degree in a relevant discipline such as Health and Social Care, Nursing, Social Work, Youth Work, Psychology, Medicine etc. Applicants may be required to undertake an interview. Applicants who do not hold the above entry requirements may be considered using ATU's Recognition of Prior Learning (RPL) process.

Study Hours

Part-time: 3 lecture days per module. 13 hours self directed learning weekly. Full-time: 4 lecture hours per module weekly. 13 hours self directed learning weekly.

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

Each academic year requires attendance for 6 Fridays per semester. Students are also required to complete additional blended learning activities via the Virtual Learning Environment.

Who should apply?

This programme is suitable for those working in the areas of nursing, health and social care seeking the knowledge to effectively deal with drugs and alcohol issues.

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 1 or 2 years

Credits: 60

Total fees: €4,200

Advanced Research Methods
Theoretical Foundations in Therapeutic Interventions for Alcohol and Other Drugs
Alcohol & Other Drug Use: Interventions Practice & Skills 1
Children & Families: Hidden Harm
Alcohol Drugs and mental Health: Recovery Approaches
Alcohol and Other Drugs Use: Interventions Practice & Skills 2

Master of Science

Duration: 1 or 2 years

Credits: 90

Total fees: €6,300

Research Dissertation

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Letterkenny

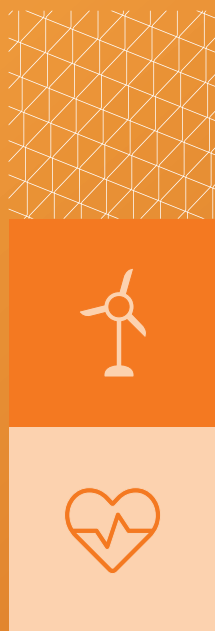**Recognition of Prior Learning** ✓

Course Contacts

Admissions:
admissions.donegal@atu.ie

Cúrsaí Fochéime Páirtaimseartha
Short Accredited Courses

Explore our part-time short accredited courses across Life Sciences, Environmental Sciences, Nursing & Healthcare, Sport & Nutritional Science, including undergraduate Certificates at Level 6, 7, 8 and 9, and Postgraduate Certificates at Level 9.

Postgraduate Certificates

A Postgraduate Certificate offers students the opportunity to gain an accredited qualification at Level 9, which can provide a pathway to further opportunities at Postgraduate Diploma or Masters level. Many of ATU's Postgraduate Certificates are listed alongside the additional award options. Below are additional Postgraduate Certificate entry routes available:

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Science								
Marine Spatial Planning	Postgraduate Certificate	9	40	1 Year	Part-time	Online	4000	Galway City
Food Innovation and Entrepreneurship	Postgraduate Certificate	9	30	1 semester	Part-time	Blended	2200	Galway City
BioPharmaceutical Processing	Postgraduate Certificate	9	30	1 Year	Part-time	Online	6000	Sligo
Health								
Public Health	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2100	Sligo
Contemporary Healthcare Management	Postgraduate Certificate	9	30	1 semester	Part-time	Blended	2100	Letterkenny
Health Promotion and Wellness Practice	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2100	Sligo
Health Project Management	Postgraduate Certificate	9	30	1 Year	Part-time	Online	2500	Sligo
Healthcare Analytics	Postgraduate Certificate	9	30	1 Year	Part-time	Online	3000	Mayo

Micro-credentials, Minor Awards, Special Purpose Awards

ATU offers a comprehensive suite of short accredited courses aimed at supporting those in the workforce to upskill and bridge any skills gaps. This method of studying allows you to choose modules to suit professional or personal development goals. Short courses are an ideal way to return to education.

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Science								
Aseptic Biopharmaceutical Operations	Certificate	6	30	1 year	Part-time	Online	3150	Sligo
Downstream Processing	Certificate	6	5	6 weeks	Part-time	Online	200	Sligo
Upstream Processing	Certificate	6	5	1 semester	Part-time	Blended	TBC	Sligo
Fill Finish Operations	Certificate	6	5	1 semester	Part-time	Blended	TBC	Sligo
Cleanroom Behaviour in Biopharmaceutical Manufacturing	Certificate	6	5	1 semester	Part-time	Blended	TBC	Sligo
Biopharmaceutical Processing	Certificate	6	30	1 year	Part-time	Online	3,150	Sligo
Archaeological Excavation and Post-excavation	Certificate	6	10	1 semester	Part-time	Blended	3,000	Sligo
Archaeological Excavation and Post-excavation International	Certificate	6	12	1 semester	Part-time	Blended	3,000	Sligo
Archaeological Field Studies International	Certificate	6	18	1 semester	Part-time	Blended	4,500	Sligo
Composting Facility Operation	Certificate	6	10	1 semester	Part-time	Blended	1,950	Sligo
Introduction to Irish Archaeology	Certificate	6	15	1 year	Part-time	Blended	2,400	Sligo
Irish Wild Flower Identification	Certificate	6	10	1 semester	Part-time	Online	500	Sligo

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Surplus Food Distribution	Certificate	6	10	1 semester	Part-time	Online	500	Sligo
Surplus Food Legislation and Safety	Certificate	6	10	1 semester	Part-time	Online	500	Sligo
Sustainable Surplus Food Management	Certificate	6	10	1 semester	Part-time	Online	500	Sligo
Repurposing of Surplus Food	Certificate	6	10	1 semester	Part-time	Online	500	Sligo
Sustainable Food Surplus Practice	Certificate	6		1 year	Part-time	Online	1500	Sligo
Bioprocess Engineering	Certificate	7	30	1 year	Part-time	Online	4,500	Sligo
Biopharmaceutical Processing	Certificate	7	30	1 year	Part-time	Online	4,500	Sligo
Science in Quality and Regulatory Affairs	Certificate	7	20	1 year	Part-time	Blended	1,600	Galway City
Science in Quality Management	Certificate	7	20	2 years	Part-time	Blended	1,600	Galway City
Science in Quality Statistics and Management	Certificate	7	20	1 year	Part-time	Blended	1,600	Galway City
Buildings Archaeology	Certificate	7	15	1 year	Part-time	Blended	1,500	Sligo
Buildings Archaeology	Certificate	7	15	1 year	Part-time	Online	1,500	Sligo
Ritual and Meaning in Archaeology	Certificate	7	15	1 year	Part-time	Online	1,650	Sligo
Introduction to Archaeological Interpretation	Certificate	7	15	1 year	Part-time	Online	1,650	Sligo
Bioprocessing Technologies	Certificate	8	30	1 year	Part-time	Online	5,598	Sligo

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Biopharmaceutical Science	Certificate	8	30	1 year	Part-time	Online	5,598	Sligo
Computerised Systems and Data Quality for Medtech	Certificate	8	25	1 year	Part-time	Blended	1,250	Galway City
Medical Device Regulatory Affairs and Operations	Certificate	8	30	1 year	Part-time	Online	4,890	Sligo
Medical Device Regulatory Affairs and Quality	Certificate	8	30	1 year	Part-time	Online	4,890	Sligo
Quality for the Medical Device Industry	Certificate	8	40	1 year	Part-time	Blended	2,400	Galway City
Decarbonising Energy Production	Certificate	9	5	1 semester	Part-time	Blended	600	Letterkenny
Fundamentals of Modern Energy Storage Solutions	Certificate	9	5	1 semester	Part-time	Blended	600	Letterkenny
Bioanalytical Techniques	Certificate	9	10	1 semester	Part-time	Online	2,000	Sligo

Health

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Health and Safety Representation	Certificate	6	10	12 weeks	Part-time	Online	900	Sligo
Occupational Safety and Health	Certificate	6	10	1 semester	Part-time	Online	900	Sligo
Practices in Health Informatics	Certificate	6	30	1 year	Part-time	Online	2,500	Sligo
Health Data Analytics	Certificate	7	30	1 year	Part-time	Online	2,500	Sligo
Acute Medicine Nursing	Certificate	8	10	13 weeks	Part-time	Blended	1,000	Letterkenny
Building Digital Healthcare Communities	Certificate	8	30	1 year	Part-time	Online	3,000	Mayo

| Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
eHealth	Certificate	8	10	1 semester	Part-time	Online	900	Mayo
Emergency Nursing	Certificate	8	20	26 weeks	Part-time	Blended	1,200	Letterkenny
Advanced Clinical Laboratory Haematology	Certificate	9	10	1 year	Part-time	Online	890	Galway City
Advanced Practice in Transfusion and Transplantation Science	Certificate	9	10	1 year	Part-time	Online	890	Galway City
Advanced Clinical Microbiology and Infection	Certificate	9	10	1 year	Part-time	Online	890	Galway City
Advanced Clinical Chemistry	Certificate	9	10	1 year	Part-time	Online	890	Galway City
Clinical Immunology, Global Infections, and Therapeutics	Certificate	9	10	1 year	Part-time	Online	890	Galway City
Sports Data Analytics	Certificate	9	15	1 semester	Part-time	Online	1,500	Galway City
Learning Design for Sports Performance Feedback	Certificate	9	15	1 semester	Part-time	Online	1,500	Galway City
Programming for Sports Innovation	Certificate	9	15	1 semester	Part-time	Online	1,500	Galway City
Digital Marketing and Emerging Technology in Sport	Certificate	9	15	1 semester	Part-time	Online	1,200	Galway City
Digital Transformation for Sport	Certificate	9	15	1 semester	Part-time	Online	1,500	Galway City

Fee listed may be subject to change, please refer to the programme web page for up to date fees.

Innealtóireacht & Ríomhaireacht

Engineering & Computing
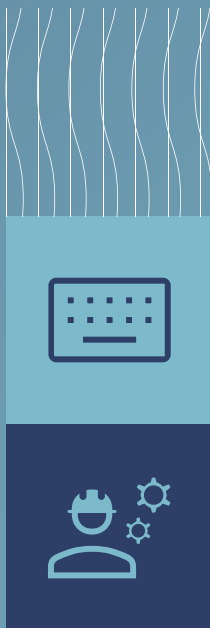
Cúrsaí Fochéime Páirtaimseartha
Undergraduate Part-time Courses

Explore our undergraduate part-time programmes in the areas of Civil & Construction, Mechanical & Manufacturing, Quality, Computing & Electronics, with awards including Level 6 Higher Certificates, Level 7 Bachelor degrees and Level 8 Honours Bachelor degrees.
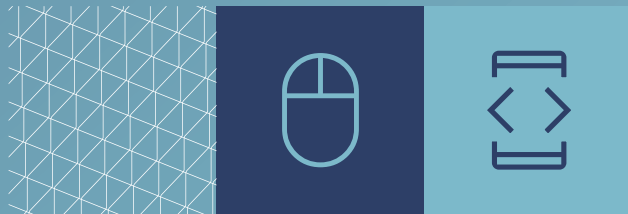
Higher Certificate in Engineering
Automation and Robotics

This is an innovative programme that has been designed in close consultation with manufacturing industries in the western region, who have identified a requirement to up-skill their employees. This programme will equip students with the skills and knowledge to design and maintain automated manufacturing processes and integrate in-house and vendor automation solutions.

Key course details

Entry Requirements
Applicants should be employed in the manufacturing industry and have an agreement with their employer to be released one day per week. They will attend the course while maintaining their full-time employment. The students from industry may start in Year 1, or they may avail of advanced entry depending on their background and qualifications. For full details for this programme please see the course webpage.

Study Hours
Students will undertake 60 credits per year, which is a full-time academic load. Their employer should commit to reduce their professional workload by a minimum of 12 hours per week during the academic year to accommodate study time and a minimum of 4 hours for the rest of the year to work on their project.

Examination & Assessment
The modules will be continually assessed via ongoing assignments coupled with extensive group project work, thereby simulating real-world industrial engineering practices.

On-Campus Attendance
One day per week in ATU Galway City campus (09.00-18.00). Semester 3 (May-Aug), is dedicated to an Industry Module. These work-based modules include certified trainings on PLC and Robotics as well as design, build and program projects

Who should apply?
This programme is suitable for professionals working in the manufacturing industry wishing to obtain a qualification in Automation and Robotics. Holders of a level 6 Craft Certificate working as automation technicians can benefit from advanced entry in Year 2 of the programme.

Blended

Level: 6

Credits: 120

Duration: 2 years

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €12,000

Recognition of Prior Learning ✓

What will I study?

Modules
Academic and Professional Skills
Electrical Principles and Automation
Engineering Science
Computer Aided Design
Mathematics Fundamentals
Industry Module 1
Networking Technology
Regulatory Affairs
Instrumentation and Control
Project Management
Programming with Python
Mathematics 2
Automation 2
Industry Module 2

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Higher Certificate in Science

Construction Economics

Construction Economics offers a broad skills base for the management of construction projects with a strong emphasis on cost. Subject areas including measurement, building technology, tendering and contract administration ensure graduates are prepared for setting up and managing construction contracts through the efficient control of labour, plant and materials.

Key course details

Entry Requirements
Applicants must hold a National Framework of Qualification Level 5 or equivalent and Recognition of Prior Learning. Applicants who have not obtained this minimum may incorporate other equivalent qualifications and relevant work experience and apply for assessment via the Recognition of Prior Learning (RPL) process.

Study Hours
This online programme has 3-4 hours of live lectures per week (all recorded). Live lectures will typically be delivered on Monday-Thursday evenings after 6pm. Study hours will be reflective of experience and will require additional focus around exam time.

Examination & Assessment
The two measurement subjects are 100% continuous assessment via assignments, while the remaining subjects are assessed by a combination of end of semester examinations and continuous assessments typically in a 60%/40% split.

On-Campus Attendance
Workshop attendance required for one day per semester.

Who should apply?
This award is suitable for those working in the construction industry who wish to develop their career in the area of administration, cost, tendering and contracts.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Sallyanne Downes: Sallyanne.Downes@atu.ie

Online

Level: 6

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €5,400

Recognition of Prior Learning ✓

What will I study?

Modules

Complex Domestic Construction Technology

QS Measurement of Domestic Buildings

Estimating

Mechanical and Electrical Construction Technology

Measurement of Mechanical and Electrical Installations

Professional Practice within the Built Environment

Construction Contracts and Procurement

Principles of Law

Economics

Construction Law

Short Form of Construction Contract and Tendering

Construction Economics

Higher Certificate in Science

Property Services and Facilities Management

This programme, developed in collaboration with the SCSI, is designed to equip students with knowledge of all factors affecting the property and facilities management profession. Students will develop a keen understanding of the marketplace and a skillset that will enable them to influence and adapt to changes in the property market as they arise. The programme addresses a national skills deficit and enables graduates apply to the Property Services Regulatory Authority (PRSA) to be granted A, B, C and D licenses. Work Based Learning is a key component of the programme

Key course details

Entry Requirements
Applicants require a Level 5 qualification (e.g. Leaving Certificate) and must currently be in full time employment in a related role in the Property Services or Facilities Management industry. This employment requirement is necessary as there is a Work Based Learning module that must be undertaken.

Study Hours
On average students will study three taught modules per semester. Typically, students can expect 3 live lectures per week, each lasting approximately 1 hour. In addition to attending the lectures, students will be required to undertake self-study of 3-5 hours per week per module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment, Work Based Learning and final exams

On-Campus Attendance
A face-to-face workshop day (normally a Friday) is held each semester in either Sligo or Dublin. Attendance at the workshop day is encouraged but is not mandatory.

External Accrediting Body
Society of Chartered Surveyors of Ireland (SCSI).

Who should apply?
This programme is suitable for a range of industry professionals including estate agents, property managers, facilities managers or co-ordinators and maintenance supervisors.

Online

Level: 6

Credits: 120

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,900

Recognition of Prior Learning ✓

What will I study?

Modules

Principles of Law

Services Procurement & Management

Introduction to Facilities Management and Environmental, Health And Safety

Information Technology and Systems Administration

Work Based Learning - Facilities Management

Construction Technology and Maintenance

* For the full list of modules, please see the course webpage.

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Higher Certificate in Science

Water and Waste Water Operations

In collaboration with Uisce Éireann and the Local Authority Services National Training Group, this Level 6 part-time online and flexible Higher Certificate in Water & Wastewater Treatment Operations is tailored to address the increasing and demanding needs of Drinking Water and Wastewater treatment plant operations.

Key course details

Entry Requirements
A Level 5 qualification (e.g. leaving certificate) or equivalent is required for entry to this programme. Applicants with other qualifications and with relevant work experience may also be considered through ATU Sligo's Recognised Prior Learning (RPL) process.

Who should apply?
The programme is available to operatives in Local Authorities, Uisce Éireann and Private Sector Water organisations. It is also available to those looking to change careers and work in this sector in the future

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 6

Credits: 120

Duration: 3 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €8,700

Recognition of Prior Learning ✓

What will I study?

Modules

ICT and Transferable Skills

Water and Wastewater Science Module

Health and Safety for Treatment Plant Operators

Energy Management

Law and Compliance

Networks Flow Measurement and Control

Water Sources, Abstraction and Quality

Drinking Water Treatment

Drinking Water Sludge Treatment

Drinking Water Treatment Plant Maintenance

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

Bachelor of Engineering

Automation and Robotics

This programme is an industry-led degree designed to upskill employees in the manufacturing sector. This is an innovative programme that has been designed in close consultation with manufacturing industries in the western region who have identified a requirement to up-skill their employees. The aim of the programme is to graduate engineers that can build and manage modern manufacturing cells.

Key course details

Entry Requirements
Applicants should be employed in the manufacturing industry and have an agreement with their employer to be released one day per week. The students from industry may start in Year 1, or they may avail of advanced entry depending on their background and qualifications. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours
Students will undertake 60 credits per year, which is a full-time academic load. Their employer should commit to reduce their professional workload by a minimum of 12 hours per week during the academic year to accommodate study time and a minimum of 4 hours for the rest of the year to work on their project.

Examination & Assessment
The modules will be assessed by both continuous assessment, via ongoing assignments coupled with extensive group project work, and an exam week.

On-Campus Attendance
Semester 1 & 2, one day per week on-site for laboratory work (9am to 6pm) in ATU Galway City. Semester 3 custom industry training and Industry Project / Work Placement. Each year students attend either one or two weeks of certified training (Allen Bradley and FANUC).

Who should apply?
The is an industry-led degree designed to upskill employees in the manufacturing sector. Graduates of this programme have the skills and knowledge to design and maintain automated manufacturing processes and integrate in-house and vendor automation solutions.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 7

Credits: 180

Duration: 3 years

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €18,000

Recognition of Prior Learning ✓

What will I study?

Modules

Natural Heritage Management

Water Quality in Irish River Basin Districts

Environmental Legislation

Planning and Environmental Impact Assessment

Wastewater Management

Energy and Sustainability

Environmental Management Systems and Auditing

Drinking Water Technology

Environmental Issues

Air Quality

Waste Management

Occupational Safety and Health

Bachelor of Engineering

Mechatronic Engineering

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems that are used in modern manufacturing industries. During this programme, students learn how to design, build and control the machines and processes that are found in the biomedical, automotive, food processing and high-volume manufacturing sectors, to name but a few.

Key course details

Entry Requirements
Applicants are required to have a Level 6 qualification in a related area.

Study Hours
Students should expect to have 2 live lectures a week which last approximately 1 hour. It is recommended that students should try to allow for 7 hours per week for a 5 credit module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
Campus attendance may be required for some modules. If required, attendance will be twice per semester and only occur on Fridays. Please note, international distance learners can be facilitated to not have any in-person attendance requirements.

Who should apply?
This programme is suitable for those seeking to gain the interdisciplinary approach necessary to pursue careers in the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Control Systems 301

Supervisory Control and Data Acquisition L7

Professional Development & Employability

Industrial Data Communication 1

Essential Lean Six Sigma and Validation

Introduction to Robotics

Industrial Data Communication 2

Mechatronics Project 300

Mathematics 3

Control Systems 302

Advanced Automation Technology

Bachelor of Engineering

Mechatronic Systems

Mechatronics is the combination of mechanics, electronics, robotics and computing that is used in modern engineering industries. It involves the study of automation from an engineering perspective and serves the purpose of controlling advanced hybrid systems in business and industry. In this workbased version of our campus degree, students spend three days per week in the workplace and two days per week studying online.

Key course details

Entry Requirements
Please note that for entry onto this programme students must be offered a traineeship position with a suitable employer. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours
Students spend three days a week in the workplace and two days studying online.

On-Campus Attendance
Students may be required to attend the Sligo Campus for up to four days per year.

Who should apply?
This programme is suitable for those looking to gain the integrated skills necessary to be applied to a variety of jobs, enabling students to have a very promising career in the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 7

Credits: 180

Duration: 3 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Introduction to Engineering Mathematics

Computer Aided Design and Modelling

Intermediate Engineering Mechanics

Metrology and Calibration

Mechatronics Systems Engineering Work Placement 2

Programming Fundamentals

Introduction to Engineering Mechanics

Quality and Production Techniques 1

Mechatronics Systems Engineering Work Placement 1

Plastics Materials Processing and Testing

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

Bachelor of Engineering

Polymer Processing

This programme focuses on the materials, processes, and tooling used in relation to polymers. Students learn the characteristics of various polymers, the common polymer processes - including injection moulding, blow moulding, and extrusion as well as plastic part design - and factors in the design of tooling for these processes.

Key course details

Entry Requirements
Applicants require a Higher Certificate NFQ Level 6 in a relevant discipline or an Advanced Craft Certificate, or equivalent.

Study Hours
Students should expect to have 2-4 live lectures a week which last approximately 1 hour. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to your studies.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
2 lab days per semester at the Sligo Campus. There is also an additional one-day attendance in Athlone (First Polymer Training) for each semester, which is mandatory.

External Accrediting Body
Engineers Ireland

Who should apply?
This programme is suitable for those seeking to gain the necessary technical skills to help secure employment in the plastics manufacturing, medical device industries as a technician/apprentice technician in polymer processing.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Students can avail of a 30% reduction via your employer through First Polymer Training Skillnet

Recognition of Prior Learning ✓

What will I study?

Modules

Polymer Tooling Design

Six Sigma 2 Statistical Control

Polymer Project

Control Systems 302

Medical Device Manufacturing

Polymer Processing

Mathematics 3

Six Sigma 1 - Introduction to Lean Sigma Quality

Control Systems 301

Plastic Part Design

Materials for the Polymer Industry

Bachelor of Engineering

Precision Engineering and Design

The aim of this programme is to provide graduates with the skills needed to pursue a career in precision engineering, tool and product design and advanced manufacturing industries. Students will explore key areas such as design of precision products, tools and machines, CNC programming & machining, metrology, validation, polymer processing, analysis and manufacture of precision engineering/mechanical devices.

Key course details

Entry Requirements
1. Holders of Level 6 Higher Certificate in Mechanical Engineering or related discipline.

2. Qualified craftpersons (in toolmaking, fitting and related skills) who have successfully completed the Certificate in Mechanical Analysis & Automation (Special Purpose Award).

3. Applicants with other qualifications and/or with relevant industrial experience may apply via RPL.

Study Hours
Students can expect total lecture hours of approximately 5-6 hours, 3 nights per week. Each module will typically require an additional 4-5 hours work per week. A total study effort of 20 hours per week is typical.

Examination & Assessment
Modules are assessed by a mixture of exams and continuous assessment. Some modules are 100% continuous assessment with no exam.

On-Campus Attendance
Attendance is required 2-3 days per semester for practicals and labs at the Sligo Campus.

Who should apply?
This is programme is suitable for craftspersons, such as qualified toolmakers & fitters, and those working in a technician type role who want to progress into an engineering role.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Computer Aided Design 301

Mould Design and Polymer Processing

CIM & Robotics 300

Essential Lean Six Sigma and Validation

Mechanics/Dynamics 301

Computer Aided Manufacture (CAM/CNC) 301

Computer Aided Manufacture (CAM/CNC) 302

Machine Design

Materials Testing & Metrology

Mathematics 3

Integrated Project and Project Management

Bachelor of Engineering

Manufacturing Management

This programme meets the requirements of the Institute of Biomedical Science, where students study the subject specialisms, namely cellular pathology, clinical biochemistry, clinical immunology, haematology and transfusion science, and medical microbiology, and an additional biology of disease module with a molecular-pathology emphasis.

Key course details

Entry Requirements
Applicants should hold a Level 6 National / Higher Certificate in Business, Science, Engineering or equivalent.

Study Hours
Students should expect to have 2-4 live lectures a week which last approximately 1 hour. 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 mixture of continuous assessment and final exams.

On-Campus Attendance
No attendance required.

Who should apply?
This course is aimed at those currently working, or aspiring to work in management or supervisory positions in a manufacturing or service organisation. Graduates from this programme hold front-line management positions with leading multinational and SME employers across Ireland.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Charlotte McManus: Charlotte.McManus@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✓

What will I study?

Modules

People Management in Practice

Production Management

Project Management

Organisational Behaviour

Quality Management Systems

Management Accounting

Professional Development Skills

Six Sigma 2 Statistical Control

Lean Management Techniques

Project Six Sigma 3

Six Sigma 1 - Introduction to Lean Sigma Quality

Occupational Safety and Health

Bachelor of Engineering

Data Centre Facilities Engineering

This programme was developed in partnership with industry providers including Google, Facebook and Microsoft in order to meet the growing need for upskilling of service personnel in the data centre industry.

Key course details

Entry Requirements
Applicants should hold a Higher Certificate award in a related technical discipline, or a Senior Trades Craft Apprenticeship in a related discipline and a minimum five years' relevant industrial experience. In conjunction with this, students must hold a Maths qualification that enables them to undertake the Maths module on this specific programme. For full details on the Entry Requirements for this programme please see the course webpage.

Study Hours
Students should expect to have 2-3 live lectures a week which last approximately 1 hour. It is recommended that students should try to allow for 7 hours per week for a 5-credit module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
All of the lectures are delivered online, in English. For labs, students are required to spend one week per year at Haute Ecole Louvain en Hainaut (HELHa) in Mons, Belgium.

Who should apply?
The course is aimed not only at employees of the major data centre corporations and their service contractors, but for individuals currently involved in the management of facilities at all data centres, or planning to provide such services in the future.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,200

Recognition of Prior Learning ✓

What will I study?

Modules

Six Sigma 1 - Introduction to Lean Sigma Quality

Facility and Utilities Management for Data Centres

Scada for Data Centres

Mechanical Principles for Data Centres

Project Module - Data Centres Control Principles for Data Centres Power and Energy Engineering Mathematics 3

Bachelor of Science

Quality

This programme covers the scientific and management principles necessary for the achievement of customer satisfaction in a way that makes an enterprise competitive. The tools and techniques necessary to implement Lean and Six Sigma programmes are included as well as modules on the statistical, management and communications aspects of Quality.

Key course details

Entry Requirements
Applications should hold 120 credits at Level 6 (Higher Certificate) qualification in a relevant discipline or equivalent. Candidates who do not meet the standard entry requirements but who have some academic and appropriate industrial experience will be considered.

Study Hours
Students should expect to have 2-4 live lectures a week which last approximately 1 hour. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies.

Examination & Assessment
A combination of continuous assessment and final examinations.

On-Campus Attendance
One or two days per semester at the Sligo Campus.

Who should apply?
Suitable to those seeking career progression in the areas of Quality Technician or Engineer and on to Quality Managers.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Charlotte McManus: Charlotte.McManus@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✕

What will I study?

Modules

Lean Management Techniques

Six Sigma 1 Quality Tools

Project Management

Mathematics and Statistics

Quality Management Systems

Six Sigma 2 - Statistical Control Applied Statistical Improvement Project - Six Sigma 3 Organisational Behaviour

Applied Excel Programming Production Management Inspection, Measurement & Testing

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Bachelor of Science

Construction Management

This programme prepares graduates to assume technical, management, academic and research and development level positions within the construction industry. The course consists of twelve subject modules - three per semester and learners may take as few modules as they wish and complete the programme over a number of years to suit their own circumstances. Professionally qualified and experienced Civil Engineers, Construction Managers and Quantity Surveyors will teach the various modules in the areas of site management, contracts management, project planning, measurement and costing, construction technology, services, BIM and site surveying.

Key course details

Entry Requirements
Applicants require Higher Certificate (NFQ Level 6) in a relevant discipline or equivalent. Graduates who have not obtained this minimum may incorporate other equivalent qualifications and relevant work experience and apply for assessment via the Recognition of Prior Learning (RPL) process.

Study Hours
Live lectures normally take place between 6pm and 10pm, two evenings per week but this may vary. It is recommended that you should try to allow for 5-6 hours per week per 5-credit module to your studies.

Examination & Assessment
Continuous assessment varies per module, typically 40% with a 60% final exam. The programme includes a significant amount of online testing in each of the modules and the objective of the final written and practical examinations is to ensure the validity of the online test results.

On-Campus Attendance
No attendance required.

External Accrediting Body
Chartered Institute of Building (CIOB).

Who should apply?
The programme is specifically designed to facilitate industry professionals or Qualified Level 6 construction industry professionals seeking to progress to management roles or existing construction managers seeking formal education and training.

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✓

What will I study?

Modules

Building Services

Site Management

Project Feasibility and Appraisal

Building Surveying

Construction Contract Admin & Procurement

Project Programming & Control Industrial Construction Technology

Building Information Modelling Fundamentals

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

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Bachelor of Science

Property Services and Facilities Management

This programme prepares graduates to assume technical and management-level positions within the property and facilities management industry. Students explore key aspects of both property services and facilities management including property sales, letting and marketing; investment valuations; fundamentals of measurement and cost control and building surveying.

Key course details

Entry Requirements
Applicants require a Level 6 Higher Cert in a related field or equivalent.

Study Hours
On average students will study three taught modules per semester. Typically, students can expect 3 live lectures per week, each lasting approximately 1 hour. In addition to attending the lectures, students will be required to undertake self-study of 3-5 hours per week per module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
No attendance required.

External Accrediting Body
Society of Chartered Surveyors Ireland (SCSI).

Who should apply?
This programme is suitable for a range of industry professionals including estate agents, property managers, facilities managers or co-ordinators and maintenance supervisors. It is also suitable for those looking to pursue a career in this industry

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Sallyanne Downes: Sallyanne.Downes@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✓

What will I study?

Modules

Property Sales, Lettings & Marketing

Project Feasibility and Appraisal

Introduction to Planning and Development

Investment Valuations

Commercial Real Estate Mgmt & Leases

Capstone Project - Property Development

Fundamentals of Measurement and Cost Control

Building Services

Industrial Buildings - Construction Technology

Building Surveying

Commercial Buildings - Construction Technology

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

Bachelor of Science

Quantity Surveying

This add-on programme offers graduates a broad skills base for the specialised profession of quantity surveying. The evolving international economic climate means the role of the quantity surveyor is in high demand as both public and private clients are pursuing the agenda of obtaining value for money and greater cost certainty in all construction activities.

Key course details

Entry Requirements
The minimum entry requirement is a Level 6 qualification or international equivalent in Quantity Surveying or a related discipline. Applicants with other Level 6 qualifications and a number of years relevant work experience in construction estimating/cost management may also be considered through the Recognition of Prior Learning (RPL) process.

Study Hours
This online programme has approximately 4 hours of live lectures per week (all recorded). Required study hours will be reflective of your experience and will require additional focus around exam time.

Examination & Assessment
Module assessment strategies for this programme include end of semester exams and/or continuous assessment.

On-Campus Attendance
No attendance required.

External Accrediting Body
The Chartered Institute of Building (CIOB).

Who should apply?
This programme is designed for professionals in the construction sector who already have a Level 6 qualification but want to upskill to a Level 7 degree on a part-time, flexible basis.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Sallyanne Downes: Sallyanne.Downes@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,900

Recognition of Prior Learning ✓

What will I study?

Modules

Measurement of Industrial Buildings

Industrial Buildings - Construction Technology

Cost Planning

Private Sector Standard Form of Construction Contracts

Programming & Planning Theory Cost Control

Commercial Buildings - Construction Technology

Measurement of Commercial Buildings

Construction Programme Software QS Dispute Management

Work Placement (E)

Project (E)

(E) = Elective

Bachelor of Engineering

Electronic and Computer Engineering

This course accredited by Engineers Ireland positions graduates for a promising career at the Associate Engineering level across the electronics, software, or manufacturing industries, offering a broad spectrum of opportunities in technological innovation and design.

Key course details

Entry Requirements
Merit Grade at Level 6 (Higher Cert) in Electronic Engineering or related discipline. Applicants who have successfully completed the Certificate in Electronics and Automation are also eligible. Applicants with other qualifications and/or with relevant industrial experience will also be considered through the RPL process.

Study Hours
Students must expect to attend live online classes 3-4 times per week and each class lasts approximately 1 hour. Live lectures normally take place between 6pm and 10pm, Monday to Thursday but this may vary depending on the availability of specific lecturers. 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
One/two days per semester.

External Accrediting Body
Engineers Ireland Associate Engineer.

Who should apply?
This programme is suitable for technicians with a Level 6 qualification in electronics or related disciplines looking to up-skill into the Electronics profession.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 7

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €6,800

Recognition of Prior Learning ✓

What will I study?

Modules

System Design Integration and Test

Digital Signal Processing 301

Digital Signal Processing 302

Embedded Systems 1

Embedded Systems 2

Data Communications

Mobile Applications Programming

Professional Development & Employability

Essential Lean Six Sigma and Validation

Mathematics 3

L7 Final Year Project

Bachelor of Science

Network Cybersecurity

This programme aims to upskill IT practitioners in current tools and techniques to protect information at rest, in transit, or processed for an organization in line with industry best practices and in compliance with appropriate standards. Data security is omnipresent and every organisation implements security measures to protect data from unauthorised access, disclosure, modification, or destruction.

Key course details

Entry Requirements
The minimum entry requirement is a Level 6 (Higher education) major award in a cognate area or equivalent.

Study Hours
Students can expect to have 10-13 contact hours per week on average. Students are also expected to carry out 10-15 hours of self-guided study.

Examination & Assessment
This programme is assessed entirely via continuous assessment.

On-Campus Attendance
Occasional on-site days to explore Cybersecurity related tutorials (1- 2 per month). These tutorials are also streamed over Microsoft Teams for any participant who cannot make it.

Who should apply?
Anyone looking to upskill in the area of Cybersecurity and Data Protection.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Online

Level: 7

Credits: 60

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Mayo

Total fees: €3,600

Recognition of Prior Learning ✓

What will I study?

Modules

The Next Step - Transitioning to Work

LAN Cybersecurity

Network Operating Systems Security

Network Routing & Switching

Cybersecurity Standards, Risk, and Compliance

Database Management

Information Technology Project Management

Cloud Information Security

Information Technology Operations Management

Cybersecurity Practical Project

Bachelor of Engineering (Honours)

Advanced Manufacturing Systems

This innovative programme has been designed in close consultation with the manufacturing industry, who have identified a requirement to upskill their employees. The programme offers a progression route for Level 7-qualified manufacturing engineers (or cognate) who wish to progress into advanced manufacturing. The programme is delivered to allow flexibility for people who wish to upskill while continuing to work.

Key course details

Entry Requirements
Applicants require a B.Eng. in Manufacturing Engineering or related discipline with a minimum of one year experience in the manufacturing industry. As the Industrial engineering project is an applied project to be conducted in industry, applicants should either be employed or have an agreement with a company that will allow them to conduct their project in their manufacturing facilities.

Study Hours
Students attend two evenings of online classes per week as well as 6 on-site workshop days (Saturdays). As students obtain 60 credits in one calendar year, they can expect a significant amount of self-study in addition to the contact hours.

Examination & Assessment
The modules will be continually assessed via ongoing assignments coupled with extensive group project work and 2 exam/assessment days.

On-Campus Attendance
Students are required to attend 6 on-site days at the Galway City Campus.

Who should apply?
This programme is suitable for holders of a B.Eng. in Manufacturing Engineering or related discipline with a minimum of one year experience in the manufacturing industry who are looking to up-skill and move into advanced manufacturing positions - such as digitalisation of manufacturing, data analytics and operation management - in the medical device and engineering manufacturing sectors.

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €6,000

Funding available from Irish Medtech Skillnet. Fees for this programme may be covered under the SUSI fee scheme.

Recognition of Prior Learning ✓

What will I study?

Modules

Cloud Infrastructure and Enterprise Services

Decision Theory and Data Visualisation

Lean Enterprise Engineering

Six Sigma Engineering

Advanced Manufacturing Systems Digital Twin Technology

System Integration Innovation and Enterprise Industrial Engineering

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Student Advisor:
Eileen O'Hara:
Eileen.OHara@atu.ie

Bachelor of Engineering (Honours)

Automation and Digital Manufacturing

This innovative programme has been designed in close consultation with the manufacturing industry in the western region, who have identified a requirement to up-skill their employees. The aim of the programme is to produce graduate engineers that can design, build and manage modern manufacturing cells. The graduate profile will be in automation, robotics, and digital manufacturing with skills in system integration and data driven decision making.

Key course details

Entry Requirements
Applicants for this programme require a B.Eng. in Automation and Robotics or equivalent. As the system integration project is an applied project to be conducted in industry, applicants should either be employed or have an agreement with a company that will allow them to conduct their project in their manufacturing facilities.

Study Hours
Students attend two evenings of online classes per week. As students obtain 60 credits in one calendar year, they can expect a significant amount of self-study in addition to the contact hours.

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

On-Campus Attendance
Students attend one day per week at the Galway City Campus.

Who should apply?
This programme is suitable for graduates of the Level 7 in Automation and Robotics, or equivalent, working in industry and wishing to upskill to a Level 8 qualification. The course will position graduates to move into automation engineering positions or advanced manufacturing ones - such as digitalisation of manufacturing, data analytics and operation management - in the medical device and engineering manufacturing sectors.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €6,000

Funding available from Cobotics Skillnet. Fees for this programme may be covered under the SUSI fee scheme.

Recognition of Prior Learning ✓

What will I study?

Modules

Machine Vision for Industry

Decision Theory and Data Visualisation

Cloud Infrastructure and Enterprise Services

Digital Twin Technology

Lean Process Automation

Advanced Automation

Database Design and Development

System Integration System Integration project

Bachelor of Engineering (Honours)

Mechatronic Engineering

This programme involves the study of automation from an engineering perspective and serves the purpose of controlling advanced hybrid systems in business and industry. Students learn how to analyse, design, and control the type of machines and processes that are used, for example, in biomedical, automotive manufacture and high-speed automation.

Key course details

Entry Requirements
Applicants require a Level 7 in Mechatronics or a related discipline, with an average grade of at least 50%.

Study Hours
Online live classes occur 3 evenings per week in Year 1, and 2 evenings per week in Year 2. Each live class is approximately 1 hour long. It is recommended that students should try to allow for 5-6 hours per week per 5-credit module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
Campus attendance may be required for some modules. If required, attendance will be twice per semester and only occur on Fridays. Please note, international distance learners can be facilitated to not have any in-person attendance requirements.

Who should apply?
This programme is suitable for persons currently employed in technician and technical support roles to upskill. The programme should also appeal to suitably qualified persons working in industries such as mechanical engineering, power and energy engineering, electrical and electronic engineering, robotics, information communication technology, and computer engineering to develop more multidisciplinary skills.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Energy Operations & Utilities Management

Industrial Networks 1

Industrial Networks 2

Mathematics 4

Operations Management

Control Systems Analysis and Design 401

Control Systems Analysis and Design 402

Power Electronics & Drives 401 Power Electronics & Drives 402 Project Mechatronics ProjectBiocontaminatio Biopharmaceutical Science Project [E]

Biopharmaceutical Science Practical [E]

[E] = Elective

Bachelor of Engineering (Honours)

Polymer Processing

This programme focuses on the processes and analysis, design of tooling used in relation to polymers as well as the impact on the environment and the processes for recycling. The course aims to form advanced professionals with critical thinking and problem solving skills.

Key course details

Entry Requirements
Applicants require a Level 7 BEng in Polymer Processing, Polymer Engineering or a related discipline.

Study Hours
Students are expected to attend 2-4 online lectures a week, lasting approximately 1 hour each. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to your studies.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
There is a requirement to attend two-days of practical lab work at the Sligo Campus per semester.

Who should apply?
This programme is suitable for those seeking to gain the necessary technical skills to help secure employment in the plastics manufacturing, medical device industries as a technician/apprentice technician in polymer processing.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Natalie McNulty: Natalie.Mcnulty@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €8,400

Students can avail of a 30% reduction via your employer through First Polymer Training Skillnett

Recognition of Prior Learning ✓

What will I study?

Modules

Quality Management Statistics

Statistical Process Control

Energy and Utilities Management 401

Advanced Polymer Processing and Analysis

Experimental Design Polymer Recycling Project Thesis 402 Injection Mould Design

Bachelor of Engineering (Honours)

Construction Contracts Management

This course allows professionals from a range of construction backgrounds to focus their skills and knowledge into much needed expertise in construction contracts management, embracing the new forms of government contract (GCCC), RIAI, Design /Build contracts and on-line procurement methods while creating expertise in the administration and management of contracts.

Key course details

Entry Requirements
A construction related honours degree (Level 8) or equivalent. Level 7 degree graduates with work experience in the construction industry are also eligible to apply.

Study Hours
Contact hours of typically 6 hours per week delivered over two evenings would require a minimum of the same self-study hours.

Examination & Assessment
Assessment will be a mix of problem-based learning and remotely administered or on campus written examinations. The course also includes a 200-hour minimum work placement which learners will source throughout Ireland.

On-Campus Attendance
Course delivery is fully online. Two examinations (January and May), will be held on campus in either Letterkenny or Galway.

External Accrediting Body
Chartered Institute Of Building (CIOB).

Who should apply?
Professionals and associate professionals in the construction industry seeking to update and expand their knowledge in the area of construction contracts management.

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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Online

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Online

Campus: Letterkenny

Total fees: €3,500

Fees for this programme may be covered under the SUSI fee scheme for eligible candidates.

Recognition of Prior Learning ✓

What will I study?

Modules

Construction Management 1

Statutory Approvals

Construction Management 2

Construction Law & Professional Ethics

Financial Information for Decision Making

Dispute Mitigation and Resolution Research Report

Industry Case Study

Work Placement

Bachelor of Engineering (Honours)

Construction Project Management

This CIOB and SCSI accredited programme is designed specifically for those planning a career in the project management profession. The course equips graduates with skills and knowledge in project management as well as an understanding of the business process and environment. Armed with such expertise, graduates will be prepared for decision making and undertaking executive responsibilities within a number of industries, such as: construction, energy, utilities, telecommunications, architecture, production, design and service industries.

Key course details

Entry Requirements
Candidates will be expected to hold as a minimum, a second-class Level 7 qualification in a relevant Construction / Engineering discipline. Applicants with other qualifications and with relevant work experience may also be considered through ATU Sligo's Recognised Prior Learning (RPL) process.

Study Hours
All modules require 2 contact hours per week, with the exception of the Dissertation module which is 1 hour per week. For part-time online or blended learning, it is recommended that you should try to allow for 5-6 hours per week per 5-credit module to your studies.

Examination & Assessment
Each 5-credit module is a combination of exam and coursework and are assessed at semester end. The 10-credit modules are 100% coursework and are assessed at year end. Digital Construction Technology: Must be studied when in the first year of course. Dissertation: Must be studied when in the second year of Course. Both modules are to be assessed at year-end only. Both modules are 10 Credits, all other modules are 5 Credits.

On-Campus Attendance
No attendance required.

External Accrediting Body
Society of Chartered Surveyors Ireland (SCSI) Chartered Institute of Building (CIOB).

Who should apply?
This programme is suitable for those planning a career in the Project Management profession within, but not limited to, the construction sector.

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Digital Construction Technology

Construction Corporate Management

Construction Law Liabilities and Obligations

International Construction

Construction Contracts and Dispute Resolution

Project Appraisal, Procurement & Finance

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

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Bachelor of Engineering (Honours)

Facilities and Building Services Management

This programme prepares graduates to assume technical and management level positions within the facilities management industry. Qualified and experienced Property Services and Facilities Management professionals prepare students with knowledge in areas such as green buildings, energy efficiency management, sustainable building, projects and contract management.

Key course details

Entry Requirements
Applicants require a Level 7 degree in a related field or equivalent.

Study Hours
Typically, students can expect 2-3 live online lectures per week - each lasting approximately 1 hour. Live lectures will be delivered on Monday - Thursday evenings after 6pm. In addition to attending the lectures, students will be required to undertake self-study of 3-5 hours per week per module.

Examination & Assessment
This programme is assessed through a mixture of continuous assessment and final exams.

On-Campus Attendance
No attendance required.

External Accrediting Body
Society of Chartered Surveyors Ireland (SCSI).

Who should apply?
This programme is suitable for a range of industry professionals including estate agents, property managers, facilities managers or co-ordinators and maintenance supervisors.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Sallyanne Downes: Sallyanne.Downes@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,900

Recognition of Prior Learning ✓

What will I study?

Modules

Mechanical and Electrical Services Technology

Fire Safety Management Maintenance Management & PPM

Sustainable Building Energy Management

Construction Law Liabilities and Obligations

Sustainable Development

Project and Contract Management for FM

Research Methods & Dissertation

Bachelor of Science (Honours)

Real Estate Development and Valuation

The principal aim of this programme is to produce graduates capable of meeting present and future needs and challenges in the Property and Surveying profession in the residential, commercial property sectors. The aims, objectives and learning outcomes of the programme take cognisance of the constantly evolving property industry, in areas such as valuation, management, estate agency, property development, property investment and planning. The aim of this programme is to provide the learner with the necessary knowledge and skills to become a property professional.

Key course details

Entry Requirements
This is an add-on course for Bachelor of Science in Property Services and Facilities Management (Online). Applicants must have as a minimum a National Framework of Qualifications level 7 Ordinary Degree in a related field or equivalent (including RPL etc). For candidates without level 7 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates' suitability to the course.

Study Hours
This course is delivered online, with live lectures delivered three hours per week. Recommended self-guided study is between 15-20 hours per week.

Examination & Assessment
Some modules are assessed through 100% continuous assessment in the form of ongoing projects throughout the semester. Other modules have a mix of continuous assessment and a formal exam.

On-Campus Attendance
No attendance required.

External Accrediting Body
Society of Chartered Surveyors Ireland (SCSI).

Who should apply?
Property Service Providers wishing to become chartered with the Society of Chartered Surveyors Ireland and a Registered RICS Valuer may be interested in this course. Students studying on the current BSc in Property Services and Facilities Management or equivalent degree can progress to the BSc (Hons) in Real Estate Development and Valuation.

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €7,900

Recognition of Prior Learning ✓

What will I study?

Modules

Irish Economic Land Policy

Urban Planning & Sustainable Development

Business and Property Taxation

Statutory Valuations

Lean Principles and Quality Management

Real Estate Investment and Funding

Sustainable Development

Research Methods & Dissertation

Specialist Valuations

Commercial Management for the Quantity Surveyor

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Bachelor of Science (Honours)

Computing in Contemporary Software Development

The objective of this course is twofold: to guide learners who have good general experience in and knowledge of general computing and augment their skills and knowledge in readiness to begin a career in software development and also to upskill existing programmers who may have gotten "stuck" in legacy programming languages and development techniques.

Key course details

Entry Requirements
Applicants require a Level 7 degree in Computing or equivalency= 180 credits at level 6 or 7 including at least 60 credits in Computing at level 7 or a combination of appropriate credits and relevant work experience in Computing. Candidates who do not hold these qualifications may also apply on the basis of Recognised Prior Learning.

Who should apply?
This programme may be suitable for professionals or graduates with a background in computing who are interested in a career in software development. It is also suitable for existing programmers who may be more familiar with legacy programming languages.

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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Blended

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: Fees for this programme may be covered under the SUSI fee scheme for eligible candidates

Recognition of Prior Learning ✓

What will I study?

Modules

Software Development

Software Processes

Contemporary Software Development

Cross Platform Development DevOps Pipeline

Project

Bachelor of Science (Honours)

Computing in Cybersecurity

Key course details

Entry Requirements
The course will be available to applicants who meet the following criteria: Level 7 qualification in computing, Level 6 qualification in computing with three years appropriate work experience. Candidates who do not have a degree but have significant relevant experience may also be eligible for consideration via Recognition of Prior Learning (RPL) which includes a combination of education, training and work experience.

Study Hours
100% CA

On-Campus Attendance
Blended

Who should apply?
The objective of the course is to guide learners who have good general experience in and knowledge of technical computing and augment their skills and knowledge in readiness to begin a career in Cybersecurity. Candidate students need to have a computing background but do not need to have a Cybersecurity background.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: Fees for this programme may be covered under the SUSI fee scheme for eligible candidates

Recognition of Prior Learning ✓

What will I study?

Modules

Secure Communications Infrastructure

Cryptography & Cryptographic Implementations

Digital Forensics & Evidence Information Security Management

Ethical Hacking & Threat Management

Project

Bachelor of Science (Honours)

Software Development

This programme focuses on the design and development of software. Students can expect to cover subject areas such as advanced programming, machine learning, artificial intelligence, security, and user experience.

Key course details

Entry Requirements
Applicants require a Level 7 in a Software Development programme or cognate area. Advanced entry may be possible in some case through an examination of your experiential learning. Graduates who have not obtained this minimum may incorporate other equivalent qualifications and relevant work experience and apply for assessment via the Recognition of Prior Learning (RPL) process.

Who should apply?
This programme is suitable for those seeking a future career paths in roles such as software testing, software engineer, web developer, application developer, mobile app developer, games developer, systems analyst, project manager.

Course Contacts

Admissions: admissions.sligo@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✗

What will I study?

Modules

Strategic Technology Management

Secure Software Development

Data Analytics

Machine Learning

AWS Academy Cloud Architecting (ACA)

Software Application Security Testing [E]

Advanced Database Concepts [E]

Artificial Intelligence

Startup Engineering

Project 400

Advanced Programming

User Experience (UX)

[E] = Elective Module.

Bachelor of Science (Honours)

Fire Safety Engineering

This unique programme gives students the opportunity to obtain a recognised qualification in what is the niche area of Fire Safety Engineering. The course provides the fundamental principles of the prescriptive based fire safety design approach inherent in achieving compliance with the requirements of Part B: Fire Safety, of the Building Regulations.

Key course details

Entry Requirements
Applicants require an NFQ Level 7 qualification in a cognate fire/ construction/ engineering discipline such as Civil Engineering, Building Services or Fire Engineering; Mechanical Engineering, Construction Management or Architectural Technology. Candidates who do not hold the required qualifications may also apply on the basis of Recognised Prior Learning (RPL).

Study Hours
Online classes are held two evenings per week, typically 6.30 -9.30pm (6 hours per week) for 12 months. Independent study of at least the same number of taught hours is recommended.

Examination & Assessment
Continuous assessment will take place throughout the duration of each module in accordance with an Assessment Schedule. Five modules have an end of module examination, four being on campus and one online. Problem based learning, laboratory reports and a final project presentation are included in assessment methodology.

On-Campus Attendance
The course is delivered online with mandatory laboratory attendance over two days in late December for each group of five students.

External Accrediting Body
Engineers Ireland - Associate Engineer.

Who should apply?
This course will appeal to those working in sectors such as construction, engineering, or the fire industry who are looking to enhance their qualifications and progress in their career. Graduates will have sufficient knowledge to be fully prepared to embark on a career in Fire Safety Consultancy, Building Control (Fire Authority Fire Prevention Officer) or related career paths in the wider fire safety industry.

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €3,500
Fees for this programme may be covered under the SUSI fee scheme for eligible candidates

Recognition of Prior Learning ✓

What will I study?

Modules

Fire Dynamics

Fire Safety Management

Fire Safety Design

Human Behaviour in Fire

Fire Protection Systems

Quantitative Risk Analysis (QRA)

Fire Project

Digital Communications & Employability Skills

Course Contacts

Admissions:
admissions.donegal@atu.ie

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

Bachelor of Science (Honours)

Quantity Surveying

This add-on programme has been designed to produce graduates with the skills and knowledge necessary to become a successful quantity surveyor. The evolving international economic climate means the role of the quantity surveyor is in high demand as both public and private clients are pursuing the agenda of obtaining value for money and greater cost certainty in all construction activities.

Key course details

Entry Requirements
This add-on programme is directed at graduates who have obtained a minimum final result of 50% in a cognate Level 7 degree. Graduates who have not obtained this minimum may incorporate other equivalent qualifications and relevant work experience and apply for assessment via the Recognition of Prior Learning (RPL) process.

Study Hours
This online programme has approximately 4 hours of live lectures per week (all recorded). Required study hours will be reflective of your experience and will require additional focus around exam time.

Examination & Assessment
Module assessment strategies include end of semester exams and / or continuous assessment.

On-Campus Attendance
No attendance required.

External Accrediting Body
The Society of Chartered Surveyors Ireland (SCSI), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

Who should apply?
This programme is designed for professionals in the construction sector who already have an Ordinary degree but want to upskill to an Honours degree on a part-time, flexible basis.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Sallyanne Downes: Sallyanne.Downes@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Measurement of Complex Structures, Ground Services

Complex Structures & Civil Engineering Construction Technology

Property Development and Economics

Capital Works Framework

Capstone Project

Building Information Modelling for Quantity Surveyors

Public Works Contract

Commercial Management for the Quantity Surveyor

Measurement of Civil Engineering Works

Research Methods & Dissertation

Bachelor of Science (Honours)

Quality Management and Technology

This programme covers the core scientific, engineering and management skills and technologies necessary for the achievement of improvement and excellence demanded within a competitive environment. The aspects of Quality Management required to implement and support the transformation required to achieve Lean, Six Sigma and Operational Excellence.

Key course details

Entry Requirements
Typically, entrants to this course will hold a minimum Level 7 degree in an engineering, science or business discipline.

Study Hours
Students are expected to attend live online lectures 2/3 evenings per week. It is recommended that students should try to allow for 5-6 hours per week per 5 credit module to their studies.

Examination & Assessment
There will be continuous assessment during the semester for each taught module. This may be in the form of online quizzes, assignments or project work. There will be formal examinations in taught modules at the end of each semester.

On-Campus Attendance
No attendance required.

Who should apply?
This course provides an add-on qualification in core quality management skills that are in demand in all sectors of the economy. It is ideal for engineering, science or business graduates working in the area of quality or who now find their careers or interests becoming more involved in quality management matters. This course is suitable for candidates seeking to become a Quality professional.

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Charlotte McManus: Charlotte.McManus@atu.ie

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✗

What will I study?

Modules

Statistics

Operations Management

Quality Management

Standards and Compliance

Statistical Process Control

Managing People

Validation for Regulatory Compliance

Reliability Engineering and Risk Management

Experimental Design

Service Quality

L8 Project

Bachelor of Science (Honours)

Electronic and Computer Engineering

The Level 8 BEng (Hons) in Electronic and Computer Engineering offers a comprehensive curriculum focused on embedded systems, digital signal processing, programmable logic, and artificial intelligence. It equips students with essential communication and engineering skills for industry roles and lays the groundwork for careers in sectors like automotive, medical, and renewable energy technology.

Key course details

Entry Requirements
Applicants require an average grade of above 50% at Level 7 in Electronic Engineering or a related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered through the RPL process.

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 exercises and exams.

On-Campus Attendance
One/two days per semester.

Who should apply?
This programme is suitable for those in a technician role looking to up-skill to Engineer level in the Electronics profession.

Course Contacts

Admissions: admissions.sligo@atu.ie

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

Online

Level: 8

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €9,000

Recognition of Prior Learning ✓

What will I study?

Modules

Real-time Operating Systems

Programmable Logic Technology

Advanced Embedded Systems

Digital Signal Processing 401

Digital Signal Processing 402

Artificial Intelligence

Operating Systems Interfacing

Advanced Embedded Programming

Operations Management

Electronics Level 8 project

Mathematics 4

Cúrsaí Iarchéime Páirtaimseartha
Postgraduate Part-time Courses

Explore our postgraduate part-time programmes in the areas of the areas of Civil & Construction, Mechanical & Manufacturing, Quality, Computing & Electronics, with awards including Level 8 Higher Diplomas, Level 9 Postgraduate Diplomas and Level 9 Masters degrees.

Higher Diploma in Engineering

Automation and Digital Manufacturing

This innovative programme has been designed in close consultation with the manufacturing industry in the western region, who have identified a requirement to upskill their employees. The programme offers a conversion route for Manufacturing Engineers (or cognate) who wish to re-direct their career towards Automation and Digital Manufacturing. The programme is flexible in nature, offering an opportunity to employees to up-skill while remaining in work.

Key course details

Entry Requirements
The entry requirement for the programme is a Bachelor (Hons) in Manufacturing Engineering (or cognate, including Mechanical, Electronic, Electrical Engineering) with a minimum of one year working in the manufacturing industry. As the digital transformation project is an applied project to be conducted in industry, applicants should either be employed or have an agreement with a company that will allow them to conduct their project in their manufacturing facilities.

Study Hours
Students will undertake 60 credits per year, which is a full-time academic load. Their employer should commit to reduce their professional workload by a minimum of 12 hours per week during the academic year to accommodate study time and a minimum of 4 hours for the rest of the year to work on their project.

Examination & Assessment
The modules will be assessed by continuous assessment.

On-Campus Attendance
Students attend on-site classes one day per week.

Who should apply?
This programme is suitable for those looking to move into automation engineering positions or advanced manufacturing ones - such as digitalisation of manufacturing, data analytics, operation management - in the medical device and engineering manufacturing sectors.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Galway

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €6,000
Funding available from Cobotics Skillnet

Recognition of Prior Learning ✓

What will I study?

Modules

Students take the mandatory modules (M) and choose 4 other modules from the list of electives. Some electives might only run if sufficient demand.

Industrial Control Systems (M)

Decision Theory and Data Visualisation

Industrial Robotics (M)

Machine Vision for Industry

Cloud Infrastructure and Enterprise Services

Digital Twin Technology

Lean Process Automation (M)

System Integration (M)

Industrial Networks

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

Higher Diploma in Science

Computing for Educators

This unique course allows educators to engage with material that will provide them with confidence and technical skills to deliver ICT in schools for the 21st century. The certificates have been carefully crafted to ensure that educators will be given opportunity to gain proficiency and to derive tangible elements for their own classrooms. Each certificate is worth 10 ECT credits and is at Level 8. Educators can take as many or as few of the certificates are they wish but completing 6 certificates will enable the participant to convert their 60 credits into a Higher Diploma in Computing for Educators.

Key course details

Entry Requirements
Applicants require a full Level 8 qualification, or equivalent, or a B.Ed. Preference will be given to professionals working in the education sector.

Study Hours
There are two Saturday live classes. The remaining are reading classes.

Examination & Assessment
100% continuous assessment.

On-Campus Attendance
Saturday live classes are on campus in ATU Donegal Letterkenny, ATU Galway City, or through the Online Classroom.

Who should apply?
This programme is designed for individuals who have an interest in both education and computing, and who want to develop skills in these fields to pursue a career as an educator in computing, information technology, or related disciplines. Candidates who might be well-suited include teachers or educators, graduates with a non-computing bachelor's degree, professionals with industry experience and career changers.

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 8

Credits: 60

Duration: Flexible

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

Delivery Method:
Blended

Campus: Letterkenny or Galway

Total fees: €1200/module

Recognition of Prior Learning ✗

What will I study?

Modules

Coding Principles

Database Technology

Coding with Syntax

Web Development and HCI

Block Based Mobile Application Development

Robotic for the Classroom

Digital Citizenship

Data Science

Computer Systems

Technology for the Primary Classroom

Software Engineering

Computer Science Unplugged

Project Management

Delivering Applied Learning Tasks

Higher Diploma in Science

Data Analytics

The aim of the course is to provide graduates from a non-computing background with a broad knowledge of computing, with a specialisation in data analytics. The course covers such skills as automating manual spreadsheet-oriented data analysis processes, converting large data sets into actionable information, and creating web-based dashboards for visualising data.

Key course details

Who should apply?
This programme is suitable for graduates from a non-computing background who wishes to enter into a career in computing, with a specialisation in data analytics.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

*This course will run subject to approved funding and sufficient student numbers

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Online

Level: 8

Credits: 75

Duration: 1 year or 18 months or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Galway City

Total fees: €6,750

Recognition of Prior Learning ✗

What will I study?

Modules

Programming and Scripting

Principles of Data Analytics

Applied Databases

Web Services and Applications

Programming for Data Analytics

Computer Infrastructure

Machine Learning

Applied Statistics

Work Placement or Project

Higher Diploma in Science
Software Development

This course provides you, as a Level 8 graduate, with an entry path into careers in computing and it includes a placement in the IT industry. There is the assumption behind the course that Level 8 graduates from other disciplines will already have developed significant transferable skills in analysis, communications and independent learning and that graduates are in a position to quickly learn a focused subset of computing knowledge at Level 8.

Key course details

On-Campus Attendance
Optional programming workshops once per month on a Friday evening.

Who should apply?
This prgramme is suitable for graduates from non-computing backgrounds seeking the skills and knowledge to start a career in the IT industry.

Course Contacts

Admissions: learn.galwaymayo@atu.ie

*This course will run subject to approved funding and sufficient student numbers

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Online

Level: 8

Credits: 75

Duration: 1 year or 18 months or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Galway City

Total fees: €6,750

Recognition of Prior Learning ✗

What will I study?

Modules

Object Oriented Software Development

Computer Architecture and Technology Convergence

Web Application Development

Database Design and Development

Network Technologies

Software Design and Data Structures / Project

Mobile Applications Development

Operating Systems and Cloud Computing

Computational Thinking with Algorithms

Agile Software Development

Work Placement/ Internship

Higher Diploma in Engineering
Civil Engineering

This work-based programme will allow students to demonstrate that they have achieved specific Engineers Ireland learning outcomes so that they can pursue the professional title of Chartered Engineer. The programme provides a shorter and clearly defined route towards Chartered Engineer (awarded by Engineers Ireland).

Key course details

Entry Requirements
Applicants for the Higher Diploma in Civil Engineering must either have (a) Engineers Ireland A. Eng. accredited civil engineering Level 8 degree or (b) Engineers Ireland A. Eng. accredited civil engineering Level 7 degree and an Engineers Ireland A. Eng. accredited civil engineering Level 8 add-on degree.

Study Hours
Fortnightly online workshops approximately one hour in length support the two modules. Self-directed learning in combination with independent learning in the workplace will be required to demonstrate attainment of specific programme outcomes.

Examination & Assessment
Students must submit an academic paper related to work-applied research project. Students must submit a professional practice report demonstrating attainment of Engineers Ireland programme outcomes. In addition, students must deliver a professional presentation to an academic panel and are interviewed in relation to their professional practice report.

External Accrediting Body
This programme is accredited by Engineers Ireland as meeting the educational standard for Level 8 engineering programmes for 'Chartered Engineer with further learning' (CEngFL).

On-Campus Attendance
An induction workshop is held on-campus (Dublin Rd) at start of the programme and all other workshops are delivered online and recorded.

Who should apply?
This programme is aimed at civil engineering graduates who wish to pursue the professional title of Chartered Engineer with Engineers Ireland. Both students and employers must be approved by ATU programme team prior to acceptance on the work-based programme.

Blended

Level: 8

Credits: 60

Duration: 1 year

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

Delivery Method:
Blended

Campus: Galway City

Total fees: €4,000
DASBE students pay €1500

Recognition of Prior Learning ✗

What will I study?

Modules

Research Skills For Engineers

Professional Civil Engineering Practice

Course Contacts

learn.galwaymayo@atu.ie

Galway

Master of Engineering

Automation and Digital Manufacturing

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: learn.galwaymayo@atu.ie

Student Advisor: Eileen O'Hara: Eileen.Ohara@atu.ie

Online

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Online

Campus: Galway City

Total fees: €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

Building Information Modelling and Digital Leadership

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2000
DASBE students pay €749

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

Postgraduate Diploma

Duration: 1.5 years

Credits: 60

Total fees: €4000
DASBE students pay €1500

Build Digital Applied Work-Based
Research Project

Master of Science

Duration: 2.5 years

Credits: 90

Total fees: €6000
DASBE students pay €2250

Build Digital Thesis

Blended

Level: 9

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

Delivery Method:
Blended

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

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

Built Environment Regulation

Award Options

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

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

Key course details

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

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

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

External Accrediting Body
Chartered Association of Building Engineers (CABE).

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 semester

Credits: 30

Total fees: €2000
DASBE students pay €750

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

Postgraduate Diploma in Science

Duration: 1 or 2 years

Credits: 60

Total fees: €4000
DASBE students pay €1500

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

Master of Science

Duration: 1.5 or 2.5 years

Credits: 90

Total fees: €6000
DASBE Students pay €2250

Built Environment Thesis

Blended

Level: 9

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

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

Circular Economy Leadership for the Built Environment

Award Options

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

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2000

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €4000

Applied Circular Built Environment Work-Based Research Project

Master of Science

Duration: 3 years

Credits: 90

Total fees: €6000

Circular Built Environment Thesis

Online

Level: 9

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

Delivery Method: Online

Campus: Galway City

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

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

Geotechnical and Structural Engineering

Award Options

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

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

Key course details

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

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

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

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €3000

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

Master of Engineering

Duration: 2 or 3 years

Credits: 90

Total fees: €9000

MEng Research Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Master of Science

Engineering Management

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules

Process Analysis and Improvement

Operations and Supply Chain Management

Data Analytics & Visualisation

Strategic Leadership

Project Management

Research Practice

Dissertation

Master of Science

Quality

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

Key course details

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

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

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

On-Campus Attendance
No attendance required.

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

Course Contacts

Admissions: admissions.sligo@atu.ie

Student Advisor: Charlotte McManus: Charlotte.McManus@atu.ie

Online

Level: 9

Credits: 60

Duration: 2 years

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

Delivery Method:
Online

Campus: Sligo

Total fees: €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

Road and Transport Engineering

Award Options

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

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

Key course details

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

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

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

External Accrediting Body
Engineers Ireland - Chartered Engineer Status. (Masters)

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

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €4500

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

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €9000

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

Master of Engineering

Duration: 3 years

Credits: 90

Total fees: €12,000

MEng Research Dissertation

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Master of Science

Blockchain Technologies and Applications

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

Key course details

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

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

Examination & Assessment
100% continuous assessment

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

Course Contacts

Admissions: admissions.donegal@atu.ie

On-campus

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

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

Computing (Data Science)

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

No attendance required.

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1.5 years

Credits: 35

Total fees: €3,000

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

Master of Science

Duration: 2.5 years

Credits: 90

Total fees: €9,000

Data Science Research Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Science
Computing in Big Data Analytics

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

Key course details

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

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

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

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Online

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Online

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

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

Master of Science
Computing in Big Data Analytics and Artificial Intelligence

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

Key course details

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

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

Examination & Assessment
100% continuous assessment.

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

Who should apply?
This programme is 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.

On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

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

Course Contacts

Admissions:
admissions.donegal@atu.ie

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

Master of Science

Computing in Cloud Technologies

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

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

Who should apply?

This programme is suitable for holders of an Honours degree in computing or those with an appropriate mix of academic qualifications and IT experience. This course will help maintain students' self-development with a set of skills that are transferable to the broader computing industry.

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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On-campus

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Infrastructure as Code

Virtual Server Administration

Networking

Hybrid Cloud Technology

Data Centre Operations

Research Project

Placement

Security & Legal

Storage Technology

Dissertation

Master of Science

Computing in Cybersecurity

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Secure Infrastructure

Cryptography & Forensic Analysis

Information Security Management 1

Threat Management I

Software Compliance

Information Security Management 2

Threat Management II

Web Application Security and Software Standards

Dissertation

Master of Science

Computing in DevOps

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

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

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

DevOps Software Engineering

IaC for DevOps Pipelines

Placement

Research Project

DevOps Project Management

Disruptive DevOps

Dissertation

Connected and Autonomous Vehicles

Award Options

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

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

Key course details

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

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

Examination & Assessment
A mix of continuous assessment, laboratory exercise and exams.

On-Campus Attendance
No attendance required.

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €7200

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

Master of Engineering

Duration: 2.5 years

Credits: 90

Total fees: €10,800

MEng CAV Research Dissertation

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

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

Master of Science

Cyberpsychology

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

Full time attendance is required.

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €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

Cybersecurity Operations

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

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

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Certificate

Duration: 1 year

Credits: 30

Total fees: €2,400

Incident Detection and Response
Programming for Cybersecurity
Security Operations

Master of Science

Duration: 2 years

Credits: 90

Total fees: €7,200

Research Methods and Critical Analysis
Dissertation/ Applied Research Project

Blended

Level: 9

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

Delivery Method: Blended

Campus: Mayo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
learn.galwaymayo@atu.ie

Master of Science

Data Science

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

Full-time attendance required.

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
Blended

Campus: Letterkenny

Total fees: €6,300

Recognition of Prior Learning ✓

ILEP Approved ✓

What will I study?

Modules

Descriptive Analytics and Visualisation

Data Operations and Management

Computational Mathematics

Machine Learning

Predictive Analytics

Deep Learning

Dissertation

Master of Science

Healthcare Innovation and Technology

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

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

On-Campus Attendance

Full-time attendance required.

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

On-campus

Level: 9

Credits: 90

Duration: 1 or 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €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 Statisical Analysis

Research and Development for Healthcare Innovation

Assessing Wearable Sensor Systems

Ethics in Healthcare Research

Dissertation

Master of Science

Design and Innovation

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

Key course details

Entry Requirements

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

Examination & Assessment

100% project-based with no exams.

On-Campus Attendance

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

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

Blended

Level: 9

Credits: 90

Duration: 2 years

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

Delivery Method:
Blended

Campus: Galway City, Dublin Road

Total fees: €6,300

Recognition of Prior Learning ✓

What will I study?

Modules

Applied Design Thinking Principles and Processes

Product and Service Processes

Research Methods for Design and Innovation

Design Innovation Project

Dissertation in Design and Innovation

Project Management

Award Options

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

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

Key course details

Entry Requirements

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

Study Hours

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

Examination & Assessment

Final exams and continuous assessment.

On-Campus Attendance

No on-campus attendance required .

Who should apply?

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

Progression Pathways

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

What will I study?

Postgraduate Diploma

Duration: 2 years

Credits: 60

Total fees: €6,000

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

*Students also choose from a number of Elective modules

Master of Science

Duration: 3 years

Credits: 90

Total fees: €9,000

Research Thesis

Online

Level: 9

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

Delivery Method:
Online

Campus: Sligo

Recognition of Prior Learning ✓

Course Contacts

Admissions:
admissions.sligo@atu.ie

Student Advisor:
Sallyanne Downes:
Sallyanne.Downes@atu.ie

Donegal

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. This programme is focused on how to make decisions about the organisation and management of the movement, transformation, and storage of flows of goods, people, data, and money as to meet certain performance criteria across a supply chain.

Key course details

Entry Requirements

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

Study Hours

Students can expect between 10 and 20 hours per week.

Examination & Assessment

100% continuous assessment.

On-Campus Attendance

Full-time attendance.

Who should apply?

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

Course Contacts

Admissions: admissions.donegal@atu.ie

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

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On-campus

Level: 9

Credits: 90

Duration: 2 years

Study Mode:
Part-time: Yes
Full-time: Yes

Delivery Method:
On-campus

Campus: Letterkenny

Total fees: €6,300

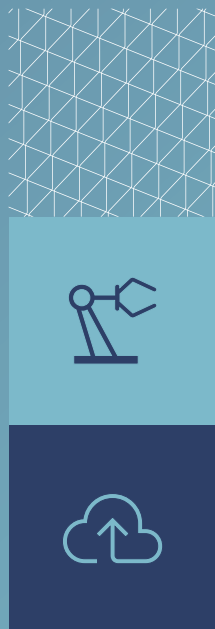**Recognition of Prior Learning** ✓

What will I study?

Modules
Dissertation

Cúrsaí Fochéime Páirtaimseartha

Short Accredited Courses

Explore our part-time accredited courses across Civil & Construction, Mechanical & Manufacturing, Quality, Computing & Electronics with awards including undergraduate Certificates at Level 6, 7, 8 and 9, and Postgraduate Certificates at Level 9.

Postgraduate Certificates

A Postgraduate Certificate offers students the opportunity to gain an accredited qualification at Level 9, which can provide a pathway to further opportunities at Postgraduate Diploma or Masters level. Many of ATU's Postgraduate Certificates are listed alongside the additional award options. Below are additional Postgraduate Certificate entry routes available:

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Engineering								
Automotive Artificial Intelligence	Postgraduate Certificate	8	30	1 Year	Part-time	Online	3,600	Sligo
Sensors for Autonomous Vehicles	Postgraduate Certificate	9	30	1 Year	Part-time	Online	3,600	Sligo
BIM and Lean Construction Management	Postgraduate Certificate	9	25	1 Year	Part-time	Online	3,000	Sligo
Bridge Engineering	Postgraduate Certificate	9	20	1 Year	Part-time	Online	3,000	Sligo
Road Maintenance Engineering and Network Management	Postgraduate Certificate	9	30	1 Year	Part-time	Online	4,500	Sligo
Strategic Construction Management	Postgraduate Certificate	9	30	1 Year	Part-time	Online	3,600	Sligo
Mechanical and Electrical Quantity Surveying	Postgraduate Certificate	9	30	1 Year	Part-time	Online	4,500	Sligo
Blockchain for Managers	Postgraduate Certificate	9	30	1 Year	Part-time	Online	3,600	Galway City

Micro-credentials, Minor Awards, Special Purpose Awards

ATU offers a comprehensive suite of short accredited courses aimed at supporting those in the workforce to upskill and bridge any skills gaps. This method of studying allows you to choose modules to suit professional or personal development goals. Short courses are an ideal way to return to education.

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Engineering								
Renewable Energy and Physics Fundamentals	Certificate	6	10	1 year	Part-time	On-campus	350	Letterkenny
SDGs and People	Certificate	6	5	1 semester	Part-time	Online	66.67	Galway City
SDGs and Prosperity	Certificate	6	5	1 semester	Part-time	Online	66.67	Galway City
SDGs and Partnership	Certificate	6	5	1 semester	Part-time	Online	66.67	Galway City
SDGs and Planet	Certificate	6	5	1 semester	Part-time	Online	66.67	Galway City
The Sustainable Development Goals, Partnership and People	Certificate	6	10	1 semester	Part-time	Online	TBC	Galway
The Sustainable Development Goals, Partnership and Planet	Certificate	6	10	1 semester	Part-time	Online	TBC	Galway
The Sustainable Development Goals, Partnership and Prosperity	Certificate	6	10	1 semester	Part-time	Online	TBC	Galway
The Sustainable Development Goals, Partnership, People, Planet and Prosperity	Certificate	6	20	1 year	Part-time	Online	1,600	Mayo
Drinking Water Treatment Operations	Certificate	6	60	2 years	Part-time	Online	4,800	Sligo

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Electric Vehicle Technology	Certificate	6	30	1 semester	Part-time	On-campus	TBC	Letterkenny
Facilities Management	Certificate	6	60	1 year	Part-time	Online	4,800	Sligo
Heat Pump Installation, Commissioning, Maintenance and Servicing	Certificate	6	20	1 semester	Part-time	Blended	1,600	Galway City
Introductory Construction Economics and Land Surveying	Certificate	6	10	1 year	Part-time	On-campus	800	Letterkenny
Wastewater Treatment Operations	Certificate	6	60	2 years	Part-time	Online	4,800	Sligo
Water and Wastewater Operations	Certificate	6	30	1 year	Part-time	Online	2,800	Sligo
Automation and Instrumentation	Certificate	6	35	1 year	Part-time	Online	2,450	Sligo
Automation and Electronics	Certificate	6	35	1 year	Part-time	Online	2,450	Sligo
Polymer Technologies	Certificate	6	35	1 year	Part-time	Online	2,800	Sligo
Mechanical Analysis and Automation	Certificate	6	30	1 year	Part-time	Online	2,100	Sligo
Quality Assurance	Certificate	6	30	1 year	Part-time	Online	4,800	Sligo
Quality Assurance with Project	Certificate	6	60	1 yar	Part-time	Online	3,600	Sligo
Validation Technologies	Certificate	6	30	1 year	Part-time	Online	4,800	Sligo
Validation Technologies with Project	Certificate	6	60	1 year	Part-time	Online	3,600	Sligo
Work Based Project	Certificate	6	30	1 year	Part-time	Online	2,400	Sligo

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Revit and 4D BIM	Certificate	7	30	1 year	Part-time	Online	1,000	Letterkenny
Applied Fire Safety Management	Certificate	7	10	8 weeks	Part-time	Online	800	Letterkenny
Auctioneering and Estate Agency Practice	Certificate	7	30	1 year	Part-time	Online	3,400	Sligo
Construction Site Management	Certificate	7	30	1 year	Part-time	Online	3,400	Sligo
Digital Construction Technology	Certificate	7	30	1 year	Part-time	Online	3,400	Sligo
Mechatronic Engineering	Certificate	7	30	1 year	Part-time	Online	3,600	Sligo
Lean Sigma Quality	Certificate	7	15	2 semesters (28 weeks)	Part-time	Online	1,600	Sligo
Lean Yellow Belt	Certificate	7	5	1 semester (14 weeks)	Part-time	Online	325	Sligo
Data Cybersecurity	Certificate	7	30	1 year	Part-time	Online	1,800	Mayo
Network Cybersecurity	Certificate	7	30	1 year	Part-time	Online	1,800	Mayo
Building Information Modelling	Certificate	8	20	1 year	Part-time	Blended	1,333	Galway City
Building Information Modelling Architecture	Certificate	8	10	1 semester	Part-time	Blended	133.33	Galway City
Building Information Modelling Infrastructure	Certificate	8	10	1 semester	Part-time	Blended	133.33	Galway City
Financial and Building Energy Management	Certificate	8	10	1 year	Part-time	On-campus	450	Letterkenny

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
System Integration	Certificate	8	5	1 semester	Part-time	Blended	500	Galway City
Advanced Lean Sigma Quality (Black Belt)	Certificate	8	30	1 year	Part-time	Online	4,200	Sligo
Software Engineering for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Computer Systems for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Computer Science Unplugged	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Block Based Mobile Applications Development for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Robotics for the Classroom	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Web Development and HCI for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Computer Networks and Cloud Infrastructure	Certificate	8	30	1 year	Part-time	Online	3,900	Sligo
Machine Vision for Industry	Certificate	8	5	1 semester	Part-time	Blended	500	Galway City
Building Information Modelling for Sustainability	Certificate	9	15	1 semester	Part-time	Blended	€00	Galway City
Introduction to Legislation for the Built Environment	Certificate	9	10	1 semester	Part-time	Blended	133.33	Galway City
Fire Safety (Part B Dwelling Houses)	Certificate	9	5	1 semester	Part-time	Blended	66.67	Galway City

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Structures (Part A, C, D, Eurocodes, and Circular Economy)	Certificate	9	5	1 semester	Part-time	Blended	66.67	Galway City
Energy Conservation (Part L, F, J, C, D, Sustainability, and Circular Economy)	Certificate	9	10	1 semester	Part-time	Blended	133.33	Galway City
Visual Programming for Digital Construction	Certificate	9	15	1 semester	Part-time	Blended	200	Galway City
Circular Economy Principles for the Built Environment	Certificate	9	15	1 semester	Part-time	Blended	200	Galway City
Building Information Modelling (BIM) and Digital Leadership	Certificate	9	15	1 semester	Part-time	Blended	200	Galway City
Access and Use (Part M, B, K, DAC, Universal Design)	Certificate	9	10	1 semester	Part-time	Blended	133.33	Galway City
Fire Safety (Part B Buildings Other than Dwelling Houses, and FSC)	Certificate	9	10	1 semester	Part-time	Blended	133.33	Galway City
Services (Part E, F, G, H, J and D)	Certificate	9	5	1 semester	Part-time	Blended	66.67	Galway City
Circular Economy Leadership and Organizational Transitions	Certificate	9	15	1 semester	Part-time	Blended	200	Galway City
Construction Law, Procurement and Finance	Certificate	9	15	1 year	Part-time	Online	1,800	Sligo
Energy Conservation and Environmental Services	Certificate	9	15	1 year	Part-time	Blended	1,000	Galway City

Course Title	Award	Level	Credit	Duration	Study Mode	Delivery Mode	EU Fees (€)	Campus
Fire Safety	Certificate	9	15	1 year	Part-time	Blended	1,000	Galway City
Road Safety Audit and Engineering	Certificate	9	15	1 semester	Part-time	Online	3,000	Sligo
Power Systems Dynamics and Control	Certificate	9	5	1 semester	Part-time	Online	TBC	Letterkenny
Project Management	Certificate	9	15	1 year	Part-time	Online	1,800	Sligo
Computing								
Computer Aided Design - Parametric Modelling	Certificate	6	15	1 year	Part-time	Blended	1,200	Galway City
Property Services	Certificate	6	60	1 year	Part-time	Online	4,800	Sligo
Applied Data Technologies	Diploma	7	60	1/2 years	Part-time	Online	3,000	Letterkenny
Coding Principles for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Coding with Syntax for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Database Technology for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Digital Citizenship for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Delivering Applied Learning Tasks	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Technology for the Primary Classroom	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Project Management for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny
Data Science for Educators	Certificate	8	10	1 semester	Part-time	Online		Letterkenny

Conas Iarratas a Chur Isteach
How to Apply

Before you Apply

Before you apply for a part-time learning course at ATU, we recommend that you research your course, through this prospectus and by viewing the course webpage. Please ensure to check the entry requirements and time commitment involved, as these vary from course to course. You will find details on entry requirements on the individual course webpage.

When to Apply

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

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

How to Apply

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

Each campus has its own application process and for further information on these processes, please visit **atu.ie/apply-now**

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.

Riachtanais Lontrála
Entry Requirements

At ATU, we have designed our part-time, online and courses in a way that gives our students the option to graduate at different levels.

These levels include Special Purpose Awards, Level 6 Certificate or Higher Certificate, Level 7 Bachelor Degree, Level 8 Honours Bachelor Degree and Level 9 Postgraduate qualifications.

This ladder system enables students to progress through to qualifications appropriate to individual requirements, previous qualifications, and work experience.

At ATU, every course is made up of a set of modules or subjects and each of these has a credit weighting. Credits (ECTS) is a universal term used to quantify learnings in higher education.

If you're thinking about applying for a flexible learning course at ATU, please ensure you check the NFQ level of the course and the number of credits associated with it. It's important to check you meet the entry requirements listed on the individual course web page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) is a process whereby evidence of learning (formal, non-formal or informal) that has taken place prior to enrolment in higher education is recognised and given value as part of your application process.

A fundamental principle of RPL is that a learner should not be asked to relearn something they already know. With RPL, prior learning can count towards entry, advanced entry, credit or exemptions from modules at ATU. If you do not meet the entry requirements of a course you may be able to use prior learning to gain access. To find out more and to apply for Recognition of Prior Learning, please visit **atu.ie/rpl**
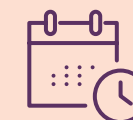
Scrúduithe & Measúnuithe
Examinations & Assessments

While continuous assessment occurs throughout many modules on our courses, many are also assessed by scheduled examinations at the end of each semester. The methods of assessments are specific to each course and the modules within that course.

Assessments in the forms of quizzes, practical labs and assignments are used to gauge students' understanding of a topic throughout an academic semester.

For examinations, students may have to attend an in-person exam at a nominated venue by ATU or at an ATU campus.

If you are studying a fully online course, it may be possible for the exam to be taken remotely via online invigilated exams (proctored exams). Online proctored exams, where available, can be taken by students resident overseas and those with extenuating circumstances.

End of semester exams are typically held in January and May each year, and you may be required to take some time off work to attend these exams.

Full details of examinations and assessments can be found on our course webpages.
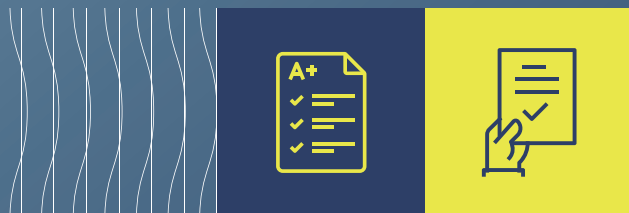
Táillí & Maoiniú
Fees & Funding

Fees vary for each course, it is important that you check the relevant course webpage for further information regarding the fees for your interested course.

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.

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

Fees quoted on the Online & Flexible Learning 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. In order to determine your own eligibility and if the course you have applied for qualifies for a tax refund, please read the information on the Revenue website: **www.revenue.ie/en/personal-tax-credits-reliefs-and-exemptions**

Funding Opportunities

Many of our online and flexible courses have funding supports available to applicants for their tuition fees. These funding supports are available from a variety of Skillnets, DASBE, Springboard+ and much more. For a full list of the courses that have funding supports, please visit: **www.atu.ie/fees-funding**

Skillnet

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

Springboard+

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

If you are a Springboard+ funded student completing a Level 6 course, it is fully funded by the HEA, and you are not required to make any payment towards your tuition fees. If you are employed and are completing a Level 7 - 9 course 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**

Cuir Aithne ar an bhfoireann
Meet our team

Business Development Team

Our Business Development Team focuses on developing business opportunities, managing funding initiatives, and building relationships with key industry partners to showcase the full portfolio of online and flexible courses available at ATU.

Funding initiatives such as Springboard+ and Skillnets are all managed by this team as well as business account management for upskilling, collaboration with ETBs/Fes, and attendance at many national and international events.

Jean Gilligan
Head of Online Learning Business Development & Operations Manager
jean.gilligan@atu.ie

Sarah Best
Business Development & Account Coordinator for the Faculty of Science
sarah.best@atu.ie

Catherine O'Reilly
Springboard & Online Programme Coordinator
catherine.oreilly@atu.ie

Theresa Dempsey
Work Based Learning Coordinator for Mechatronics
theresa.dempsey@atu.ie

Patrick Sweeney
Business Development & Account Coordinator for the Department of Civil & Construction Engineering
patrick.sweeney@atu.ie

Louis Walsh
Business Development & Account Coordinator
louis.walsh@atu.ie

Faculty Support

The Faculty Support team at ATU are dedicated to your academic journey, and will work closely with academic leads across the University's Schools, Faculties and Departments to develop cutting-edge programmes tailored for your success. The team actively supports the creation of innovative part-time, online, and postgraduate courses, providing faculty with the resources and expertise to deliver programmes that reflect the latest advancements in your chosen field.

Eamon Walsh
Head of Faculty Support - Education, Design, Humanities
eamon.walsh@atu.ie

Shane Connolly
Faculty Support Officer - Science & Health
shane.connolly@atu.ie

Emily King
Faculty Support Officer - Engineering & Computing
emily.king@atu.ie

Áine Friel
Faculty Support Officer - Business
aine.friel@atu.ie

Online Student Advisors

Our team of Online Student Advisors is there to support applicants and students on our Online & Flexible programmes. We will help you at all stages of your learning journey. If you're thinking of returning to education and need help choosing the right course we can assist. Online Student Advisors are dedicated to suites of online and flexible programmes and offer a one stop shop support service to students, from application to graduation.

Contact our Online Student Support team at:
studentexperienceofpd@atu.ie

Treoir Ghairme
Career Guidance

My Career Path

If you are unsure of what you would like to study or your career direction, MyCareerPath is an excellent online 1-to-1 mentoring service available from ATU. Designed for people in the workplace, returners to education, entrepreneurs seeking to upskill and people looking to accelerate their career and progress within their organisation.

You will receive advice and career guidance on the learning pathways available to you and how to achieve your career objectives or improve your employability.

For further information and how to subscribe to MyCareerPath, please visit **MyCareerPath.**

Careers Service

Our careers team are passionate about finding every student a career and future they will love. They advise on career options and postgraduate studies whilst also assisting with CV and interview skills. Their teams have well established links with local, national and international employers.

For students currently studying at ATU, our Careers team are here to help and are passionate. Throughout the year they organise a range of workshops, careers fairs and employer skills talks.

For further advice on postgraduate study opportunities, careers events and guidance, contact ATU's Careers Service on:

careers.donegal@atu.ie

careers.galwaymayo@atu.ie

careers.sligo@atu.ie

Líonra Iarscoláirí OTA
ATU Amuni Network

Stay Connected for Life

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

Professional Development

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

Continued Learning

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

Stay Informed

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

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

For more details, please visit: **atu.ie/alumni**

Reduced Masters Course Fees

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 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 2025/2026. Some course exclusions will apply.

To qualify, students must have obtained a Level 8 Honours Degree or higher from ATU, including its legacy Institutes of Technology (GMIT, LYIT, IT Sligo, and St Angela's College). They must be fully self-funded and registered with the ATU Alumni Office in the ATU Alumni Database to avail of this benefit. Applicants must also adhere to deadline application dates and submit their application to the ATU Alumni Office.

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: **atu.ie/connect/alumni**

Further Information

For further details on any of the
information contained within this book,
please visit **atu.ie/flexible**

Alternatively, you can email our admissions team

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 and ATU Mayo
Galway: +353 (0) 91 753 161
Mayo: +353 (0) 94 902 5700
Admissions: learn.galwaymayo@atu.ie

Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University