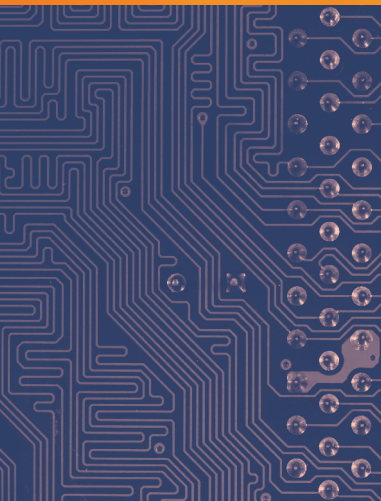# Atlantic Technological University

Réamheolaire Fochéime

Undergraduate Prospectus

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Your future is here

ATU

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Programmes List

Welcome from the President

Fáilte ón Uachtarán

Welcome to the 2025 prospectus of Atlantic Technological University (ATU).

As one of Ireland's largest multi-campus universities, we're excited to present to you over 220 CAO programmes available for full-time study at ATU through this prospectus.

This year ATU will launch our Strategic Plan for 2024-2028, focused on enabling education, engaged research and regional development through a connected approach. Our Strategic Plan underscores our commitment to sustainable economic, social and cultural development, both within our region and beyond. Through collaborative research initiatives and community engagement, we strive to make a meaningful impact on society while providing our students with a supportive environment to thrive.

With over 26,600 students and 8,000 graduates every year, our diverse programmes cater to various interests and career paths. Last year, we welcomed St Angela's as our ninth campus, enriching our academic offerings and bringing new programmes to you.

Spread across Galway, Mayo, Donegal and Sligo, our nine campuses offer over 690 academic programmes, offering an array of courses to suit everyone.

Join us at Atlantic Technological University, where academic excellence meets vibrant communities and stunning landscapes.

Your future is here.

Dr Orla Flynn
Uachtarán/President

Ollscoil Teicneolaíochta an Atlantaigh
Atlantic Technological University

Why choose Atlantic Technological University

Maidir le hOllscoil Teicneolaíochta an Atlantaigh

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

Collaborative Strength

Atlantic TU has a student population of over 26,600 learners, spanning more than 690 academic programmes from pre-degree to doctoral level. ATU's strength lies in our collaborative ethos, realising our shared goals by elevating and championing success.

Academic Excellence

ATU offers an exceptional higher educational experience. Building on the foundations of applied learning, our university focuses on research-informed teaching. We empower learners to realise their full potential, developing responsible citizens, critical thinkers, innovators and problem solvers equipped for life-long learning.

Research, Engagement and Innovation

At Atlantic TU we have a proud tradition of industry engagement, through collaborative research and providing programmes at undergraduate and postgraduate levels that meet employers' skills requirements. As the leading higher educational institution in the region, our students, staff and communities are intrinsically linked to regional employers, building sustainable employment opportunities, and driving growth in the west and north-west.

Global Opportunities

Our students develop as global citizens, recognising and building awareness of the opportunities and roles we play in developing sustainable global economies. From collaborative international research to overseas study and work placement opportunities, ATU students are part of a global community with a mindset that reaches far beyond our shores.

→ **1** Region
→ **9** Campuses
→ **690+** Programmes
→ **10** Research Centres
→ **8,000+** Graduates Annually
→ **26,600+** Total Students
→ **2,500+** Total Staff

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Galway City

Cathair na Gaillimhe

Galway is a cosmopolitan city that is world-renowned for its friendliness and community vibrancy. It is enriched with energy, amazing nightlife, a booming music scene and a fantastic schedule of annual festivals.

An Energetic City

A prominent gourmet destination, Galway offers everything from Michelin-star dining and contemporary restaurants to quirky cafés and street food. Trendy cocktail bars, traditional Irish bars and late-night venues with international artists, ensure you will always find a lively night out. With several cinemas to choose from alongside weekly arts and cultural events, quiet night options are plentiful too. Shopping lovers can find the perfect look at high street retailers or independent boutiques. Finally, with events including the Galway Races, Galway International Arts Festival and the Galway Christmas Markets, there is always an opportunity for some fun and festivals.

Spectacular Location

Galway captivates with its enchanting beauty nestled along the west coast of Ireland. It's breath-taking views of the Atlantic Ocean and Galway Bay offers opportunities for beach excursions, sea swimming, or leisurely strolls along the famous Salthill promenade. Merlin and Barna Woods along with the city Riverside Walk provide idyllic surroundings for land-based adventures.

Sports Facilities

A modern on-campus sports hall offers a wide variety of sports ranging from basketball to badminton and cricket to cheerleading. Our state-of-the-art High-Performance Unit (HPU) facilitates programmes for elite level athletes, whilst a fitness studio offers daily exercise classes. Outdoors, we have a GAA pitch with access to additional pitches locally. We also have arrangements made with several sports clubs. This means our students have access to facilities including FAI approved 3G Astroturf and grass pitches at Mervue United AFC, a fully floodlit GAA facility at Liam Mellows GAA Club and a 200m five lane synthetic running track at O'Sullivan Park.

Accommodation

There are several purpose-built student villages located close to ATU Galway City.

Glasán
www.glasan.com

Ceann Bóirne
www.ceannboirne.com

Cúirt Na Rásaí
www.cuirtnarasai.com

Students may also choose from numerous digs and private rental options.

For information on all the accommodation options, please contact the Students' Union at **www.atustudentpad.ie**

Please note student villages are owned and run by private operators and not by ATU.

Connemara

Conamara

Located in the beautiful village of Letterfrack, ATU Connemara is the National Centre for Excellence in Furniture Design and Technology. Renowned for its live traditional Irish music, Letterfrack is also surrounded by beautiful coastal destinations.

Great Location

There is an excellent choice of places to eat and drink in Letterfrack including cosy pubs, restaurants, coffee shops and a hotel. Clifden, which is often referred to as the capital of Connemara, is only 15 minutes away and is the largest town west of Galway City. This thriving town is home to shops, cafes, fine dining restaurants and lots of quaint Irish pubs. There are regular bus services to Letterfrack, with daily connections to Clifden and Galway City available.

Incredible Beauty

Letterfrack is overlooked by the majestic Diamond Hill and Connemara National Park. This park covers almost 3000 hectares of scenic mountains which are part of the famous Twelve Bens range. The main entrance to Connemara National Park is in the village and is the starting point for an array of stunning walks. Beautiful coastal destinations such as Inishboffin and Cleggan are also within easy access of Letterfrack.

Accommodation

Purpose-built student accommodation, Áras Ghuaire, is located within one-minute walking distance of ATU Connemara. To contact Áras Ghuaire please go to **www.letterfrackaccommodation.com** To find out about private rental and digs options, please contact the Students' Union at **www.atustudentpad.ie**

Please note student villages are owned and run by private operators and not by ATU.

Sports Facilities

Students have access to local sports facilities including a grass football pitch, floodlit Astroturf pitch, fully equipped gym and a tennis court. Those looking to explore the great outdoors have a huge range of options to choose from, with pursuits available on land and sea. Scenic walks and cycles, horse riding, angling and sea swimming offer ideal opportunities for relaxation. The more adventure orientated individual may find the perfect option in mountain climbing, abseiling, surfing, windsurfing or scuba diving.

Mayo

Maigh Eo

With a population of over 12,000, Castlebar is one of Ireland's fastest growing towns and home to ATU Mayo. Whether you want to immerse yourself in an energetic town or explore beautiful countryside, Castlebar offers an unforgettable student experience.

A Bustling Town

Castlebar is a shopper's heaven, with unique boutiques, high-street brands and everything in between. Food options range from quirky cafés to award winning restaurants, so there is something to suit every taste. Also, be sure to check out one of the weekly farmers markets. Established musicians frequent pubs, late bars and cocktail bars for those looking to dance the night away. For a quieter night out, a luxury seven screen cinema has all the latest blockbusters. The Royal Theatre and Event Centre, a leading entertainment venue in the west of Ireland, regularly plays host to top music artists, comedians, plays and major events. Castlebar is very accessible with a comprehensive daily bus and train service.

Beautiful Setting

The stunning grounds of Turlough Park and the nature trail at Raheens Wood are the perfect settings to get away from it all, whilst a range of water sports on Lough Lannagh offer a chance to try something new. Croaghmoyle and Nephin mountain ranges provide fantastic opportunities for hillwalking, mountain hiking and exploration. Regular bus services mean the award-winning seaside town of Westport is within easy reach. Alternatively, hop on a bike and explore The Great Western Greenway which extends from Castlebar onwards to Westport.

Accommodation

There are numerous accommodation options within easy access of ATU Mayo. These include private rentals, digs and purpose-built student accommodation. For more information on accommodation please contact the Students' Union at **www.atustudentpad.ie** Contact details for Hawthorn Village, the purpose-built student accommodation, can be found at **www.hawthornvillage.ie**

Please note student villages are owned and run by private operators and not by ATU.

Sports Facilities

On-campus sports facilities include an indoor climbing wall, soccer pitch and running track. Students also have access to a range of local facilities. These include an eight-lane pool at Lough Lannagh leisure complex, indoor courts at Castlebar Tennis Club and boxing facilities at Castlebar Boxing Club. ATU Mayo is recognised as one of the leading institutes in the country for outdoor adventure activities. Beaches, rivers and mountains provide the perfect environment for a range of outdoor activities.

Mountbellew

An Creagán

Home of the first agricultural college in Ireland, Mountbellew is a growing market town located 45 kilometres from Galway City. This busy town is where students spend their first two years of study before attending ATU Galway City in Year 3 and Year 4.

A Busy Town

With a population of almost 1,000, Mountbellew has several shops, small businesses, restaurants and coffee shops. Local pubs regularly host live music and entertainment, with a warm welcome ever-present. Daily bus services to Galway ensure the energetic city is never too far away.

Charming Countryside

Mountbellew Demense includes a wooded area with forest walks and picnic areas. The Demense loop trail is a 2.2km walk or cycle trail which navigates through trees and flora. The area is also home to a wide diversity of wildlife species, whilst Mountbellew Lake is a sanctuary for waterfowl including ducks, pheasants and swans. The area is also filled with interesting historical buildings such as old walled gardens, a flour mill, a boat house and a forge.

Accommodation

There is a range of private rental and digs accommodation available to ATU Mountbellew students. For more information on accommodation options please email **mac@atu.ie** for available local listings or contact the Students' Union at **www.atustudentpad.ie**

Please be advised that properties are not vetted by ATU.

Sports Facilities

Students have access to a variety of local sports facilities at Moylough Sports Ground. These include a GAA pitch, soccer pitch, handball alley and a tennis court. Gym facilities can be found at Mountbellew Fitness Centre, whilst Mountbellew Golf Club is home to an 18-hole golf course. Natural facilities allow for several outdoor options, ranging from fishing on the River Shiven to cycling the Demense loop trail.

Donegal

Dún na nGall

ATU Donegal has two campuses, one based in Letterkenny and another based in Killybegs. Donegal is renowned for its stunning beaches, welcoming and relaxed atmosphere, and not forgetting the most beautiful accent in Ireland. It's easy to see why ATU Donegal is attracting more students than ever before.

ATU Donegal Letterkenny

The Letterkenny campus is in the heart of Letterkenny town centre. Letterkenny is a lively town, offering excellent shopping, a vibrant nightlife and great opportunities for part-time work, sport, culture and fun. There are plenty of much-loved student haunts such as pubs, music venues, nightclubs and restaurants. In addition, you'll find an 8-screen cinema and the Aura Leisure Complex, which houses a 25m pool, tartan track and gym. For arts and cultural enthusiasts there is the Arena 7 Entertainment Complex, An Grianán and a Regional Cultural Centre which incorporates an art gallery, an auditorium and full cinema facilities. ATU Letterkenny campus includes the following facilities:

- Educational and support facilities, including general purpose and specialised teaching facilities, research facility, administrative, technical and academic staff accommodation, library, 4 dining areas/restaurants, meeting rooms and lecture theatres

- An Dánlann: sports/student services building comprising large sports/assembly hall, fitness suite, changing facilities, students' union and student services centre, dining facilities and storage space

- External Sports Facility: floodlit sand-based natural grass playing pitch

ATU Donegal Killybegs

The Killybegs campus is located in Ireland's premier fishing port which is rich in tradition and heritage. Its picturesque location boasts spectacular scenery and harbour views, surrounded by breathtaking beaches and close to Europe's highest accessible sea cliffs – Sliabh Liag. Students experience small class sizes and a personal approach to learning in a comfortable and welcoming setting. The campus has an impressive reputation for delivering exceptional academic programmes in culinary arts, hospitality and tourism.

Donegal

Dún na nGall

Accommodation

Donegal is one of the most affordable counties to live, work and travel around. The cost of living is considerably lower than the national average and the region offers a variety of affordable student accommodation. There is no on-campus accommodation, however, there are options for digs, houses to rent on a shared basis, and in Letterkenny there are also a number of apartment complexes built specifically for the student market. Both campuses are quite central and most accommodation is within 10 minutes' walk of each of the campuses. Each year, the Students' Union (SU) compiles and updates a list of student accommodation. The list is sent out automatically to students who receive an offer from ATU Donegal and is also available online from early August of each year. Students are advised to begin the accommodation search early as demand can be high, visit **atusudonegal.ie** to find out more.

Sport and Sports Facilities

ATU Donegal's sporting teams compete in the higher education and university competitions throughout the sporting calendar. Sport at ATU Donegal has gone from strength-to-strength in recent years under the leadership of Michael Murphy, Head of Sport.

In addition to competitive sports the campus offers health and fitness advice, recreation courses, wheelchair sport and community activities. The ATU Donegal gyms are located in both our Letterkenny and Killybegs campuses. The gyms are free-to-use for all students and they offer daily exercise classes to students who like to work within a small group setting. Current facilities include an on-campus floodlit pitch and indoor training facility, multi-purpose sports centre and a modern fitness suite.

Funding has been secured for the design of a sports and activity campus, the Letterkenny Regional Sports-Activity Hub. The project will see the creation of a high-quality, multi-pitch sports facility and community hub suitable for university students as well as local and regional sports teams and the wider community.

Sligo

Sligeach

Sligo combines a vibrant urban centre with stunning natural beauty. The perfect setting for an unforgettable student experience. With an added community feel throughout, it's easy to see why Sligo is such a popular university destination.

ATU Sligo

This 72-acre campus combines modern buildings, state-of-the-art facilities and landscaped grounds. A bright, contemporary feel runs through everything from the lecture halls to the library and cafés to chill-out zones. The campus is just a ten-minute walk from Sligo town centre, whilst beaches, mountains and countryside are all a short trip away. Sligo is easily accessible by road, rail and air, with numerous return bus services stopping on campus daily throughout the year. This Green Flag campus is also home to Sligo's only Starbucks.

ATU St Angelas

This is perhaps the most scenic campus in the country and just minutes away from Sligo town centre. Students experience small class sizes and a personal approach to learning in a comfortable and welcoming setting. There is a balance of theory and practical across all undergraduate programmes to enhance skills ahead of real-world placements. Students enjoy a learning experience that will empower them on a personal and professional level to ensure their high employability on graduation.

A Vibrant Town

From sushi, vegan and tapas to Mexican, Italian and Thai, Sligo's thriving culinary scene ensures there is something to suit every taste and budget. There are nightlife options for every mood, so whether you are looking for a traditional Irish pub or a trendy cocktail bar, a live music venue or an energetic nightclub, you will find it here. A ten-screen cinema has all the latest blockbusters whilst The Hawk's Well Theatre, The Model and The Factory host a diverse range of arts and entertainment weekly. For the shopping enthusiast, independent shops are nestled in between popular high street brands, catering for everything from clothes to computers and vintage to vinyl.

Famous for its connection to W.B. Yeats, Sligo is also home to a range of literary and cultural options. Music festivals take place in Sligo throughout the year, with some of the world's biggest acts performing.

Stunning Surroundings

World class beaches at Strandhill and Rosses Point or the tranquil beauty of Lough Gill, provide the perfect place to get away from it all. Sligo's rural landscape includes the world-famous Benbulben Mountain, the Queen Maeve trail on Knocknarea, woodland walks such as Hazelwood and Slish Wood, megalithic sites in Carrowkeel, the beautiful wilderness of the Ox Mountains and so much more.

Sligo

Sligeach

Accommodation

With a diverse range of options available, Sligo has the perfect accommodation to suit every individual. The cost of student accommodation is also much more affordable than many of Ireland's other university towns and cities, with this also reflected in the cost of living. There are several purpose-built student villages in Sligo, all within easy access of both campuses. Some student villages offer a laundry service, whilst others have smart TV's and free Netflix.

Digs accommodation is popular with students moving away from home for the first time, as they live with a local family and meals may be provided. With an excellent selection of private apartments and houses, private rental is popular with students wishing to live with friends. Whilst most students live close to campus, some choose the hustle and bustle of Sligo town centre or the stunning natural beauty of Strandhill or Rosses Point.

Sports Facilities

At the centre of our campus sports facilities is the Knocknarea Arena. This sporting hub is home to a multi-purpose sports hall, state-of-the-art fitness suite and specialised exercise studios. Outdoors, students have access to an international standard eight-lane tartan-surface running track with throwing and jumping facilities. Our 3G Astroturf pitch is fully floodlit, whilst our fully floodlit grass pitches include a championship standard GAA pitch and FAI certified soccer pitch.

Off-campus, students can avail of various sporting facilities at heavily discounted rates. These include a 25m indoor heated swimming pool at Sligo Regional Sports Centre plus a variety of indoor and outdoor courts at Sligo Tennis Club. Sligo's stunning location also lends itself to outdoor options ranging from golf, water sports and horse riding to hill walking, mountain biking and cycling.

Student Villages

Gateway Apartments - Lakewood Letting
www.gatewayapartments.ie

Gateway Apartments - M&C Property
www.mcp.ie/gateway-apartments

Ard Nua
www.ardnua.com

Uni Rooms @ Ard Nua
www.unirooms.ie

Yeats Village
www.yeatsvillage.net

Clarion Village
www.clarionvillagesligo.com

The Grove Student Complex
www.thegrovesligo.ie

Lake Isle Luxury Apartments
www.lila.ie

St. Angela's Lakeside Aparthotel
www.sala.ie

Visit **atussu.ie** for the full list of accommodation options available.

Please note student villages are owned and run by private operators and not by ATU.

Clubs and Societes

Clubanna agus Cumainn

Joining a club or society is a great way to meet people with similar interests, try out something new or pursue your passion. We encourage students to join at least one club or society, and with a huge variety to choose from, ATU has something for everyone.

Fun and Friendship

University life is more than just study. It is also about having fun and making friends. Clubs and societies play a big role in this. Joining one can often be the start of a new passion or a lifelong friendship.

You Choose

We have a huge selection of clubs and societies to choose from. These cover everything from frisbee to fine art and music to motorsport. Also, new clubs and societies are formed every year which means you can even start your own.

Check Them Out

Clubs and societies days are held across our campuses early in the university year. This is an opportunity to sign up to as many of them as you like. ATU subsidise clubs and societies so that they are free, as are most of the activities they offer.

The Extra Benefit

Clubs and societies are great fun, but did you know they offer more than that? Teamwork, participation and personal development are qualities that will impress employers. You may even discover a talent you never knew you had.

Clubs*

American Football	Cricket	Rugby
Athletics	Equestrian	Soccer
Badminton	GAA	Surf
Basketball	Golf	Swimming
Boxing	Karate	Table Tennis
Chess	Rowing	Volleyball

Societies*

Ag Science
Animation
Astronomy
Bushcraft
Cheerleading
Dance
Debate
DJ
Drama
Environmental
Eurovision
Fashion
Games
Harry Potter
International
Law
LGBTQ+
Literature
Mature
Neurodiversity
Politics
Robotics
Rock Climbing
Skate
Tea
Vegan

*Clubs and societies available will vary across individual campuses.

Students' Union

Aontas na Mac Léinn

The ATU Students' Union (ATUSU) is a democratic organisation run by students, for students. As soon as you become an ATU student, you automatically become a member of a Students' Union (SU). The ATUSU attend important university meetings to ensure that students are the focus of every decision made.

Support

Whilst they organise lots of fun events throughout the year, the Students' Union are also a valuable source of support. The supports they offer range from helping with any academic concerns you might have, to assisting in your search for the perfect accommodation. If you need to talk, their door is always open.

Campaigns and Events

The Students' Union organise campaigns on important issues such as mental health, sexual health and exam stress. They also organise events to help you settle into university life and make sure you have an unforgettable experience. Check out the campaigns and events calendar on this page for an idea of what to expect.

Represent

You could become your class representative. Class reps are the spokesperson for each individual class and are elected by their fellow classmates. They are the first point of contact for the Students' Union. Class reps acquire lots of new skills such as negotiation, organisation, leadership and advocacy.

Campaigns and Events*

Below is an example of the types of campaigns and events the Students' Union organise.

Freshers' Week

Rainbow Week

Silent Disco

Mental Health Weeks

Sexual Health Weeks

Sports and Awards Ball

Road Safety and Travel Week

Healthy Living Week

Day at the Races

Diversity Week

Exam De-stress Weeks

*Campaigns and events will vary across individual campuses.

Sport for All

Sport do Chách

Sport and physical activity play an important role in campus life at ATU. Our belief is that sport is for everyone. We understand the positive impact it can have on an individual's physical and mental health. That is why we have a wide range of activities to suit everyone. Whether you are an elite level athlete, a talented amateur or someone who is looking to keep fit and healthy, we have something to suit all abilities and interests.

Achievement

Develop your talent with the help of our top-class coaches and get the supports needed to excel in your chosen sport. Students may represent ATU at a national or international level, whether that is individually or as part of a team. Elite level athletes are encouraged to apply for an ATU Sports Scholarship. For more information or to apply for an ATU Sports Scholarship, please go to **atu.ie/sports-scholarships**

Participation

No matter what your sport is or what level you compete at, you can continue to do so at ATU. Our sports clubs range from basketball to badminton, karate to kayaking and everything in between. This is a great way to try out something new, meet new people or participate in a sociable environment with a competitive edge.

Health

If you just want to have some fun and keep active, we have something for you. Exercise classes such as spinning and yoga, fully equipped fitness suites and stunning local walks are just some of the ways ATU will help you stay fit and healthy.

Scholarships and Bursaries

Scoláireachtaí agus Sparánachtaí

We know that funding studies can often be a concern. That is why we provide additional financial support to hundreds of students each year. We recognise student talents in a range of areas, from academic results to sporting achievements. We also help support students who need financial assistance and ensure they have the means to succeed.

Sports Scholarships

The ATU Sports Scholarship programme provides supports to talented student athletes in recognition of their need to balance both sporting and academic commitments. Our sports scholarships include financial benefits of up to €3,000 per academic year. Non-financial benefits include free or reduced rate access to sports facilities, access to sports science supports, free ATU branded sports scholarship gear plus lots more. Bonus CAO points may also be awarded to elite level sports scholars. For more information or to apply for an ATU Sports Scholarship, please go to **atu.ie/sports-scholarships**

1916 Bursary Fund

This is a funding scheme targeted at students who are socioeconomically disadvantaged and who are from groups that have low participation rates in higher education.

Student Assistance Fund

The Student Assistance Fund (SAF) provides funding to students whose participation in higher education would be at risk as a direct result of financial difficulty. Funding is available towards costs relating to rent, transport, books, materials, food, utilities, childcare and medical costs.

Find out more

For more information on the scholarships and bursaries available across all ATU campuses, please visit **atu.ie/scholarships**

Additional Scholarships and Bursaries*

Sanctuary Scholarship

GPA Postgraduate Scholarship

Ireland Healthcare Scholarship

Dearcán Foundation Scholarship

Non-EU Scholarship

Education and Training Bursary Scheme

Galway Wind Park Scholarships

Google Insight Scholarship

Uversity Scholarship

Education and Training Bursary Scheme

*Additional campus specific scholarships and bursaries may also be available.

Academic Supports

Tacaíochtaí Acadúla

We have invested heavily in our learning facilities and academic supports to ensure our students are fully supported throughout their academic journey.

Maths Support

Our innovative and friendly maths support centres offer the extra support that many students need. Services include consultations, tutorials, computer-based tutorials, access to relevant text materials and the option to submit maths problems for correction. Students can access these facilities on a one-to-one basis, as a small group or online.

Academic Writing

Students of all abilities can benefit from our academic writing supports. These include getting started with assignments, effective notetaking, report writing, avoiding plagiarism, successful writing in exams and the writing process which includes generating ideas, drafting, revising and editing. Students can access these facilities on a one-to-one basis, as a small group or online.

Access Service

Our Access and Widening Participation service provides a range of supports and services for students applying to ATU and attending degrees within the university. Our supportive service, which includes personal, academic and financial supports, helps students realise their educational potential regardless of their background or age.

Learning Support

Learning support tutors provide tailored supports such as study skills, essay planning, time management and exam preparation to eligible students following a needs assessment. These supports, offered on a one-to-one or group basis, facilitate academic development, participation and progression. Learning support tutors work with assistive technology specialists to ascertain appropriate technology for students.

Disability Support

ATU's dedicated professional Disability and Learning Support Service (DLSS) offers an individual support plan tailored to the specific needs of the student and a range of pre and post entry supports for students with disabilities. Following a needs assessment, types of support offered include learning support, educational support workers and notetakers, modifications to the physical environment, transport, reasonable accommodations for examinations and assistive technology.

Assistive Technology

Assistive Technology (AT) helps students overcome barriers such as communication difficulties, mobility issues, sensory impairments and cognitive and learning difficulties. ATU offers a range of AT supports to eligible students following a needs assessment. These include laptops, Roger Select, Connect 12, echo pens, printing facilities, reader pens, touch screen tablets and specialised software.

Student Supports

Tacaíochtaí do Mhic Léinn

With student supports including a comprehensive induction and free health and counselling services, our teams help with any concerns or worries you may have. If it's important to you, it's important to us.

Health

The health service teams across ATU provide free on-campus medical care and health promotion information to students. The teams, which are made up of doctors and nurses, can help with the diagnosis and treatment of health problems, alongside providing services such as issuing prescriptions and repeat prescriptions.

Counselling

The professional counselling service is free-of-charge to all students. Our experienced teams will help and support students with any area of concern that might arise; be that academic, personal, financial, mental health or otherwise.

Chaplaincy

The chaplaincy service supports students in their personal and spiritual growth during their time in ATU. The chaplaincy service is available to students of all faiths and those who have none. The team help to build a sense of community, care for the wellbeing of all and are always available for a chat.

Induction

We know that the transition to university is an exciting time but a nerve-wracking one too. Our comprehensive induction and welcome programmes ensure the transition is both easy and fun. During induction, students receive their timetables, meet their classmates and lecturers, learn about supports and services, get their questions answered, go on a campus tour and lots more.

Screening questionnaires are also carried out with first year students to identify their preferred learning style and any supports they may need. ATU's #First5Weeks welcome programme ensures continued support into the academic year.

Careers Service

Our careers teams 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. The teams have well established links with local, national and international employers. Throughout the year they organise a range of workshops, careers fairs and employer talks.

Technology Support

ATU students have free Office 365 to download to their own devices plus free unlimited One Drive data storage, allowing them to study from anywhere in the world at any time. Students can also access a range of free modern technologies and free high-speed Wi-Fi on our campuses.

Pathways to Success

Barr do Chumais a Bhaint Amach

There are multiple ways to achieve your career goals. A degree from ATU will open lots of doors, allowing you to follow numerous career paths. Your future can take you anywhere and we can help take you there.

Common Entry

It is not always easy to know exactly what area to study. It is even more difficult to decide what area to specialise in. That is why our flexible common entry programmes are so popular. Common entry allows students to understand where their true passion lies. Students study a broad range of subjects before choosing what area to specialise in. Please view our programme pages for more information on the common entry options available across our campuses.

Teaching

Some of our degrees have a direct path into teaching, with built in school placements providing experience teaching in supportive classrooms and environments. Many of our honours degree programmes also meet Teaching Council subject requirements. Students who pursue this route are required to complete a Professional Master of Education (PME) after they graduate to become a fully qualified teacher.

Alternative Routes

There is never just one way to accomplish your goals. Here at ATU, we want to help each student achieve these goals. If you dream of a career in a certain profession, there may be alternative routes you are not aware of. For example, our health science programmes have routes into allied health professions. Our schools liaison teams are always available to discuss alternative routes which can help you fulfil your dreams.

Professional Accreditation

Many of our degrees have the added bonus of professional accreditation. Professional accreditation is a kitemark of quality that demonstrates a programme meets or exceeds standards developed by experts in the profession. The benefit to our graduates is increased employability. It gives employers confidence knowing that an individual has reached the industry standard. Throughout the programme pages in this prospectus, you will see all the professional accreditations.

Ladder System

CAO applicants can apply for up to 20 programmes, ten at Level 8 and ten at Level 6/7. The ladder system allows progression through these levels and beyond. For example, we have seen students progress from Level 6 higher certificate up to PhD Level 10. If a programme of interest is available at all levels, we recommend students include all levels on their application. This increases the chances of an offer. Level 6 points are normally much less than their Level 8 equivalent.

Study Abroad

Staidéar Thar Lear

If you are looking for an unforgettable experience during your time in ATU, then studying abroad might just be for you. We encourage students to consider the option of spending a year, a semester or even a small part of a semester at one of our partner universities. With locations across Europe and the world, your dream destination might be closer than you think.

Career

Time spent studying abroad will look great on your CV and further enhance your employability. It demonstrates your confidence and ambition. These are valuable skills that can give you an edge with future employers. In the internationalised job market, employers are increasingly looking for graduates who have a demonstrated ability to succeed in an international environment.

Journey

You will go on a journey of personal development as you step out of your comfort zone. You will gain new knowledge and develop language skills, whilst also having the option to study fully through English. There will be opportunities to travel to new destinations. You will take in world famous scenery and landmarks, all whilst you immerse yourself in a new culture.

Support

The ATU Global Office is on hand to make this happen. Not only will they help you make this dream a reality, they will fully support you for the duration of your time away.

Funding

Erasmus+ offers financial grants to students who wish to study abroad. These grants are in addition to, and independent from, other educational supports such as SUSI.

Work Placement

Socrúchán Oibre

The opportunity to translate academic knowledge into a hands-on employment experience is why we are so passionate about work placement. From start-ups to social care, teaching to technology, our varied placement options mean you will find something to suit you and your career aspirations. Although you will not be on campus during work placement, we are still here to fully support you.

Experience

Real-world experience makes you much more employable. It will look great on your CV and gives you real-life examples to reference in an interview.

Impress

As we have seen many times before, leaving a good impression during work placement can often lead to job offers. Translating book knowledge into a working situation is a valuable skill employers look for.

Network

Even if you don't get a job offer, the networks you build through work colleagues and industry experts can create all sorts of employment opportunities.

Insight

You will gain an insight into something you are passionate about. This can reinforce your career path choices. It can also highlight new career opportunities you may not have known were an option. Or it could fuel a desire to progress your studies to the next level.

Mature Applicants

Iarrthóirí Lánfhásta

Returning to education takes courage. We welcome hundreds of new mature students each academic year. Whether you want to gain a new qualification for your career or study something you have always been passionate about, we have the supports in place to help you succeed.

Supports

We understand that the first essay, assignment or report can be a challenge. We have several supports available including maths support and academic writing support.

Academics

We pride ourselves on the welcoming and supportive environment our academic staff create. Not just a number, they are always on hand to help with any questions you may have.

Grants and Scholarships

There are several grants and scholarships which may be available to mature students. These include The Back to Education Grant, The 1916 Bursary Fund and Uversity Scholarships. For more information, please visit **atu.ie/scholarships**

Clubs and Societies

Clubs and societies are a great way to make new friends, try out something new or pursue your passion. With a huge range to choose from, we have something for everyone.

Entry Requirements

Mature applicants are required to be over 23 on January 1st of the calendar year of application. For more information on entry requirements, please go to page 323.

QQI/FET Applicants

Iarrthóirí QQI/FET

Not all students will take the same path, but we believe all students can reach the same destination. Each year we welcome lots of new students to ATU based on their Further Education and PLC awards. We fully support them on their academic journey which will ultimately lead to their dream career.

Alternative Route

Many students do not qualify for a university degree based on their Leaving Certificate results. An award from a Further Education and Training (FET) or Post-Leaving Certificate (PLC) course can often be the perfect stepping-stone to securing a university place.

Entry Requirements

Applicants must present a full major award at QQI Level 5 or higher for entry into Year 1. Applicants with awards at QQI Level 6 may be considered for advanced entry into Year 2. For more information, please go to page 319.

Quotas

A quota of places on ATU programmes are reserved annually for QQI accredited applicants to ensure that they are fairly represented in our student numbers. Offers are issued in Round Zero which is usually in early August.

Transition

Our welcoming environment, supportive lecturers and staff, and range of student supports will help make the transition to university life an easy one.

Tertiary Degrees

Tertiary degree programmes allow students to spend Year 1 of their degree in an ETB before completing their studies at an ATU campus. For more information, please visit **atu.ie/tertiarydegrees**

Northern Irish Applicants

Iarrthóirí ó Thuaisceart Éirinn

Each year we are proud to welcome a new cohort of Northern Irish students. With a top-class education guaranteed, a simple application process and all the financial benefits that come along with it, we can see why more and more Northern Irish students are choosing to study at ATU.

Fees

At a maximum of €3000 per year, the student contribution fee is significantly less than in Northern Ireland and the UK. Based on June 2024 exchange rates, fees in Ireland are at least 59% cheaper than in Northern Ireland and the UK.

Grants

Northern Irish students can apply for a fee grant through Ireland's awarding authority, SUSI (Student Universal Support Ireland). Unlike student loans, fee grants do not have to be paid back. For more information, please visit **www.susi.ie**

Loans

Students can apply to the Student Loans Company for a student contribution loan. Students may also be entitled to a maintenance loan which will help with living costs. For more information, please visit **www.studentfinanceni.co.uk**

Application Process

CAO applications open on November 5th. The application process is very straight forward with no personal statement required. For more information or to apply, please visit **www.cao.ie**

Entry Requirements

To view our entry requirements and how the points system works, please go to page 320. Should you have any questions, please email **admissions@atu.ie**

International Applicants

Iarrthóirí Idirnáisiúnta

Our campuses attract students from across the globe. We pride ourselves on being friendly and welcoming, so asking questions and meeting new people could not be easier.

Wild Atlantic Welcome

From your first day through to graduation, we will make you feel welcome and part of the ATU family. Our campuses cover much of the Wild Atlantic Way, which means you can look forward to stunning landscapes, breath-taking views and exciting outdoor adventures.

Community

ATU is home to students from over 100 countries worldwide, giving us diverse and vibrant campuses. Throughout your studies you will meet students from different backgrounds and cultures, offering you new perspectives and inspiring new interests.

International Office

Our dedicated international offices will help with the admissions process and support you throughout your time in ATU. Please go to page 324 for our international offices contact information.

International Society

Joining an international society is a great way to make new friends. Throughout the year they arrange field trips, nights out and weekends away.

Global Degree

The quality of the experience at Atlantic TU is equally matched by the quality of the degree. From successful careers to exciting further studies, our graduates have taken their qualifications across the globe.

Our Global ATU Alumni Network

Líonra Domhanda Alumni OTA

ATU degrees are recognised worldwide, our graduates live and work across the globe.

1 Roisin Murphy
BSc (Hons) in Intellectual Disability Nursing
Registered ID Nurse
Melbourne, Australia

2 Conor Fennell
BEd (Hons) in Home Economics and Religious Education
Principal at Katherine High School
Northern Territory, Australia

3 Roisin Hession
BEd (Hons) in Home Economics and Biology
Post-Primary School Teacher
New Zealand

4 Adam Neely
BSc (Hons) in Quantity Surveying
Senior Quantity Surveyor, Laing O'Rourke, Sydney, Australia

5 Odhran Doherty
BSc (Hons) in Agriculture
Senior Unit Manager
Almarai, Saudi Arabia

6 Amira Amiran
LLB (Hons)
Associate
Kuala Lumpur, Malaysia

7 Brian McDermott
BSc (Hons) in General Nursing
Registered Nurse
Abu Dhabi, UAE

8 Glenn Gallagher
BSc (Hons) in Chemical and Pharmaceutical Science
AES Operator, ALS
Dubai, UAE

9 Donn Holohan
BSc (Hons) in Furniture Design and Manufacture
Assistant Professor,
University of Hong Kong, China

10 Andrew Walsh
BA (Hons) in Culinary Arts
Michelin Chef, Cure Restaurant
Singapore

11 Lauren Cooke
BA (Hons) in Textile and Fashion Design
Product Developer, Umbro
Manchester, England

12 Shauna Noonan
BSc (Hons) in Occupational Safety and Health
HSQE Advisor, Pod-Trak
London, England

13 Demi Doherty
BEng (Hons) in Mechanical Engineering
NPI Project Lead, ASML
Eindhoven, Netherlands

14 Conor McMorrow
BBus (Hons) in Business
Sales Development, Crono
Barcelona, Spain

15 Darren Mc Granaghan
BA (Hons) in Performing Arts
Costumer, Lionsgate
Berlin, Germany

16 Daniel Cieszkowski
BEng in Mechatronic Engineering
P1 Test Engineer, Valeo
Paris, France

17 Oisín Foley
BSc (Hons) in Software Development
Senior Software Engineer, Trustpilot
Copenhagen, Denmark

18 Charlotte Morton
BA (Hons) in Accounting
Tax Manager, Grant Thornton
Dublin, Ireland

19 Barry McGeever
BSc (Hons) in Furniture Design, Making and Technology
Project Manager, Celtic Kitchens
San Diego, California

20 Matthew Tucker
BA (Hons) in Fine Art
Visual Artist, Painter and Animator
New York, USA

21 Paul Barrett
BA (Hons) in Film and Documentary
Lead Compositor, Ingenuity Studios
Vancouver, Canada

22 Seamus Bannon
BA (Hons) in Sociology and Politics
Grants Management Officer,
Mayor's Office
Michigan, USA

23 Siobhán Glacken
BBus (Hons) in Event Management with Public Relations
Conference Manager, Chelsea Hotel
Toronto, Canada

24 Pamela de Oliveira Pena
BSc (Hons) in Biomedical Science
Analyst, Universidade de São Paulo
São Paulo, Brazil

25 Ian Nell
BEng (Hons) in Robotics and Automation
Industrial Automation Consultant, Visual Management Systems
Johannesburg, South Africa

26 Caroline Joire
BBus (Hons) in Business
Founder and Managing Director, DesiSource
Delhi, India

Campus Locations and Programmes

Suíomh na gCampas agus Cláir

As a multi-campus university, Atlantic TU offers a diverse range of programmes. Students can follow their passion, find their career path and engage in a vibrant university community. With an emphasis on applied learning, small class sizes and a supportive environment, students get an unforgettable university experience and graduate career ready.

Our prospectus programme pages are packed full of information. If you require further information, please visit our website or contact us via email. We have included these details on each page. We have also included Minimum Entry Requirements and any Additional Entry Requirements on each page. For more information on Minimum Entry Requirements, please go to page 318 or email **admissions@atu.ie**

ATU
Galway City
Dublin Road

**OTA Cathair na Gaillimhe,
Bóthar Baile Átha Cliath**

ATU Galway City offers undergraduate programmes across a wide range of disciplines, in addition to postgraduate, part-time and professional development programmes.

Location

ATU Galway City, Dublin Road, located on the east side of Galway city, is one of the city's iconic landmarks by its three distinctive sail-shaped copper panels on the building front. This vibrant campus welcomes students to study a variety of programmes, including business, science, computing, engineering, culinary arts, hospitality and tourism.

Facilities

Students have access to state-of-the-art lecture theatres, labs, machine halls, robotic labs, training kitchens, restaurants, and bars. Our award-winning library offer quiet study spaces, free Wi-Fi, computing, and printing facilities. The IT Centre has 188 workstations, a fully equipped training room, a multimedia studio and technical support services.

Student Centred

Students are the focus of the learning experience, and we empower them to be successful at third level and in their future careers. From day one, we offer a range of supports, which include a first five weeks programme, a learning and innovation skills module, a community engagement module and an employability resources toolkit.

Innovation

ATU Galway City, Dublin Road is home to research centres in the fields of heritage, marine and medical technologies. Our Innovation Hubs support new business start-ups. 60% of our postgraduate students avail of learning and networking opportunities at our iHubs facility, where they receive project support from enterprise partners.

Languages

ATU Galway City offers language and culture modules in French, German, Spanish and Gaeilge across various programmes in:

- Business
  (Business, Marketing and Sales, Entrepreneurship, Finance and Economics)

- Tourism and Hospitality
  (International Tourism Management, Heritage, International Hotel and Hospitality Management, Event Management with Public Relations, Culinary Arts)

Studying a language opens doors to travel, new cultures and communication skills.

It provides Erasmus+ and placement opportunities, enhancing job prospects in the global economy.

With skilled language lecturers, ATU Galway offers a unique learning approach, international trips and events, and opportunities for career growth and personal development.

AU601 | Level 8 | Bachelor of Business (Honours)

Business

The Bachelor of Business (Honours) is a four-year, Level 8, business programme. The programme provides students with a broad-based business education, studying a variety of business management subjects. The programme involves the development of professional competencies and skills appropriate to a career in business. The programme content delivers practical and relevant content to students to equip them to avail of the varied career opportunities in the business environment.

atu.ie/AU601

🕐 4 Years

CAO POINTS 280 (Level 8 2023)

☑ Minimum Entry Requirements

👥 60 Places

💼 Erasmus+

@ Kevin Mc Donagh
Programme Chair
kevin.mcdonagh@atu.ie

Special Features

The programme incorporates practical assessments and projects which are aimed at cultivating a range of skills including interpersonal, management, analytical and critical thinking. Business is a great degree choice due to the exciting and varied career options. With a wide range of courses on offer at undergraduate and post-graduate level, business students at ATU Galway can embrace the flexibility a degree in Business offers, all while enjoying the vibrant student city of Galway.

Career Opportunities

This programme prepares students for employment in a wide range of business areas, including management functions of industrial, commercial, and public enterprises, accounting, financial services, marketing and sales, human resources, and IT services.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

Common Entry

At ATU Galway, students explore a range of business areas during the first part of their degree. Students can move between any of the following programmes at the end of their second year:

- Business
- Business in Marketing and Sales
- Business with Entrepreneurship
- Business in Finance and Economics

Alternatively, students can move from the Accounting and Digital Accounting degree to any of the above four-degree courses after one year.

Or

Move into the Accounting degree from any of the above four degree courses after two years, provided specific Accounting subjects have been taken.

Also, students can move between Business Information Systems and any of the above four degree courses after Year 1.

What will I study?

Year 1

- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability
- Academic and Professional Skills

Year 2

- Business Law and Legal Studies
- Management Information Systems
- Business Communications
- Human Resource Management
- Applied Macroeconomics
- Organisational Behaviour
- Applied Marketing and Sales
- Statistics for Business
- Human Resource Development

Year 3

- Sales Management
- Financial Management
- Digital Business
- Operations Management
- Business Ethics and Corporate Governance
- Business Communications and Negotiations
- Technology, Management and Society
- Project Management

Year 4

- Strategic Management
- Research Methods
- Critical Thinking
- Project
- Supply Chain Management
- Sustainable Development and the Circular Economy
- People Management

Additional elective modules, including languages, are available

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AU501 | Level 7 | Bachelor of Business
AU401 | Level 6 | Higher Certificate in Business

Business

Our business degrees provide comprehensive education and practical skills, offering a solid foundation in various functional areas of business. Students engage with core business modules like economics, accounting, IT, management, organisational behaviour, entrepreneurship, marketing, sustainability, law and human resource management through expert lecturers, blending academic knowledge with industry experience.

atu.ie/AU501
atu.ie/AU401

🕐 2/3 Years

CAO POINTS 222 (Level 7 2023)
161 (Level 6 2023)

☑ Minimum Entry Requirements

👥 60 Places

💼 Erasmus+

@ Colm Kelleher
Programme Chair
colm.kelleher@atu.ie

Special Features

These programmes include practical assessments and projects designed to develop interpersonal, management, analytical, and critical thinking skills. A business degree offers exciting and diverse career opportunities. ATU Galway provides a wide range of undergraduate and postgraduate courses, allowing students to enjoy the flexibility of a business degree while experiencing the vibrant student life in Galway city.

Career Opportunities

These programmes prepare students for employment in a wide range of business areas in the accounting, financial services, marketing, human resource, agri-business and management functions of industrial, commercial and public enterprises.

Further Study Options

Students successfully completing the Higher Certificate in Business can progress, through an internal progression route, to Year 3 of the Bachelor of Business (Level 7). Similarly, students who successfully complete the Bachelor of Business (Level 7), can apply to progress to Year 4 of the Bachelor of Business (Level 8 Honours).

Common Entry

At ATU Galway, students explore a range of business areas during the first part of their degree. Students can move between any of the following programmes at the end of their second year:

- Business
- Business in Marketing and Sales
- Business with Entrepreneurship
- Business in Finance and Economics

Alternatively, students can move from the Accounting and Digital Accounting degree to any of the above four-degree courses after one year.

Or

Move into the Accounting degree from any of the above four degree courses after two years, provided specific Accounting subjects have been taken.

Also, students can move between Business Information Systems and any of the above four degree courses after Year 1.

What will I study?

Year 1

- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability
- Academic and Professional Skills

Year 2

- Business Law and Legal Studies
- Management Information Systems
- Business Communications
- Human Resource Management
- Applied Macroeconomics
- Organisational Behaviour
- Applied Marketing and Sales
- Statistics for Business
- Human Resource Development

Year 3 (Level 7)

- Sales Management
- Financial Managemen
- Digital Business
- Operations Management
- Business Ethics and Corporate Governance
- Business Communications and Negotiations
- Technology, Management and Society
- Project Management

Additional elective modules, including languages, are available

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

AU600 | Level 8 | Bachelor of Business (Honours)

Accounting

Accountants are essential for every business, offering expert advice and managing financial activities. This programme provides a direct pathway to a career in professional accounting and opportunities in business, including financial services and management consulting. Programme lecturers are highly qualified professional accountants, many of whom are examiners for professional bodies. ATU maintains close links with professional bodies and industry, ensuring the programme is regularly updated to meet professional and employer requirements.

atu.ie/AU600

🕐 3 Years

CAO POINTS 311 (Level 8 2023)

☑ Minimum Entry Requirements

👥 40 Places

@ Niamh Fennell Programme Chair niamh.fennell@atu.ie

Career Opportunities

This programme prepares students for employment in the professional accounting industry, including accounting firms and financial services employers and multi-national companies. There are many different types of accounting roles including financial accounting, management accounting, auditing, and tax accounting. Today accountants play a strategic role within businesses. Accountants frequently move into higher management positions quickly, so accounting careers can be many and varied including financial controller roles, senior business management roles up to and including chief executive role.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Most graduates will progress directly into the later stages of professional accountancy exams with professional bodies such as: ACCA, Chartered Accountants Ireland, CPA, or Irish Taxation Institute, while working as part of a structured traineeship with an employer.

The Level 8 degree is designed to meet the Teaching Council requirements for the teaching of Accounting to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Did You Know?

Accounting degrees at ATU Galway City are designed to have the flexibility to switch from one accounting programme to another if a student changes their mind about what they want to study.

Special Features

This accountancy programme offers the most exemptions from professional bodies for any Irish undergraduate three year accounting degree, providing a quicker route to becoming a qualified accountant. With over 1,000 accounting job openings in Ireland and rising demand, graduates enjoy excellent career prospects. The qualification from ATU Galway is internationally recognised, making skills acquired valuable both in Ireland and abroad.

What will I study?

Year 1
- Academic and Professional Skills
- Management Principles and Business Environment
- Information Technology (ACCT)
- Cloud Computing Infrastructure and Services
- Business Mathematics
- Computerised Accounting Packages
- Principles of Economics
- Introduction to Business Analytics
- Financial Accounting (ACCT)
- Management Accounting 1

Year 2
- Management Accounting
- Financial Management (managerial finance)
- Computerised Accounting Packages
- Financial Management (investment decisions)
- Business Analytics
- Financial Reporting
- Taxation
- Corporate and Business Law

Year 3
- Taxation
- Principles of Strategic Management
- Corporate Reporting
- Audit and Assurance
- Corporate Finance and Management Accounting
- Corporate Governance
- Professional Development

Mandatory Modules Shown
– Electives Available in Year 3

Professional Accreditation

CHARTERED ACCOUNTANTS IRELAND

ACCA

CPA IRELAND

AU607 | Level 8 | Bachelor of Science (Honours)

Digital Accounting

This is a four-year Level 8 programme blending traditional accounting skills with advanced digital technology. It prepares students for careers in accounting, decision making, digital auditing, business and data analytics, blockchain, and more. The curriculum is future-proof, addressing current and emerging industry demands. Lectures are delivered by experienced professional accountants and digital technology experts with strong industry connections. The programme includes a work placement to provide practical experience. Graduates gain critical knowledge and skills highly sought after in today's business environment.

atu.ie/AU607

🕐 4 Years

CAO POINTS 301 (Level 8 2023)

☑ Minimum Entry Requirements

👥 30 Places

👤 Work Placement

@ Michelle Burke Programme Chair michelle.burke@atu.ie

Career Opportunities

This programme enables graduates to pursue further studies and gain work experience to become professional accountants in various sectors. Specialisations include management accounting, systems accounting, digital auditing, and IT roles like process design, business analytics, data analytics, blockchain, and application support. The degree offers a well-rounded combination of accounting, business, and digital skills, equipping graduates to become future business leaders.

Did You Know?

Applicants do not need to have previously studied accounting, business, honours maths or computing. There is no requirement for skills in computing or IT. We focus on teaching our students how to apply and analyse the various information technology tools commonly used in business.

Special Features

This programme has excellent professional body recognition and exemptions for graduates.

Chartered Accountants Ireland (CAI) - all 'CAP1' exams and three of the four CAP2' exams- the only university in the country offering this at undergraduate level.

Association of Chartered Certified Accountants (ACCA) - all 'Applied Knowledge' exams and five of the six 'Applied Skills' exams'.

Certified Public Accountants (CPA) - all 'Foundation Level' exams and five of the six 'Professional Level' exams.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

This programme is designed to meet the Teaching Council requirements for the teaching of Accounting to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Professional Accreditation

CHARTERED ACCOUNTANTS IRELAND

ACCA

CPA IRELAND

What will I study?

Year 1
- Academic and Professional Skills
- Management Principles and Business Environment
- Information Technology (ACCT)
- Cloud Computing Infrastructure and Services
- Business Mathematics
- Computerised Accounting Packages
- Principles of Economics
- Introduction to Business Analytics
- Financial Accounting (ACCT)
- Management Accounting 1

Year 2
- Business Process Modelling
- Financial Management 1 Managerial Finance
- Blockchain
- Management Accounting 2 & 3
- Digital Accounting Decision Making
- Taxation 1
- Financial Reporting
- Corporate and Business Law

Year 3
- Taxation 2
- Business Analytics
- Database for Accounting Information Systems
- Decision Theory and Data Visualisation
- Financial Management 2
- Artificial Intelligence for Digital Accounting
- Work Placement

Year 4
- Advanced Financial Reporting
- Performance Management
- Intelligent Systems
- Systems Analysis and Design
- Contemporary Management Accounting
- Systems Project
- Strategic Finance
- Corporate Governance
- Business Strategy and IS

AU602 | Level 8 | Bachelor of Science (Honours)
AU502 | Level 7 | Bachelor of Science

Business Information Systems

These programmes combine Information Systems (IS) and Business modules to equip graduates with the skills needed for various career paths. As students' progress, they gain proficiency in integrating IS into various business settings and in developing and implementing internet and mobile technologies. Topics covered include enterprise systems, social media, e-commerce websites, cybersecurity and cloud computing.

atu.ie/AU602
atu.ie/AU502

🕐 3/4 Years

CAO POINTS 307 (Level 8 2023)
238 (Level 7 2023)

▤ Minimum Entry Requirements

👥 50 Places

▤ Work Placement

◯ Erasmus+

✉ Ronan MacGearailt
Programme Chair
ronan.macgearailt@atu.ie

Special Features

In Year 3 of their studies, students have the option to pursue a work placement, participate in the Erasmus+ programme for studying abroad, or take modules on campus. For work placements, students can choose organisations based on their interests or preferred geographical locations. To date, those opting for the Erasmus+ programme have had opportunities to study at universities in France, Germany, and the Netherlands.

Career Opportunities

Graduates gain employment in diverse roles including business managers, IT / IS business analysts, data analysts, systems analysts, web developers, applications support and testing, cloud analyst, solutions architect, or IT project managers.

Graduates have gained employment with both indigenous business and multinationals such as HP, SAP, Dell, Accenture, Metlife, Fidelity Ireland and many others. There is a growing skills shortage in this area, thus graduates of this programme are in high demand.

Further Study Options

Upon successfully completing Year 3, (Level 7) students can then apply internally for Year 4 (Level 8). ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

The Level 8 degree is designed to meet the Teaching Council requirements for the teaching of Computer Science to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Quick Fact

With a work placement in Year 3 students get a chance to try out their newfound skills in a professional working environment.

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

What will I study?

Year 1

- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Academic and Professional Skills
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability

Year 2

- Project Management
- Management Information Systems
- Business Process Modelling
- Visual Design
- Principles of IS
- Advanced Computer Applications
- Statistics for Business
- Database Management Systems
- Internet Technology
- Creative Digital Media
- Dynamic Web Development
- Advanced Programming

Year 3

- Cybersecurity and Data Governance
- Digital Business
- Business Analytics
- Data Modelling
- Web Design Workflow
- Industrial Placement

Year 4 (Level 8)

- Business Strategy and IS
- Application Development
- Systems Analysis and Design
- Artificial Intelligence for Business
- Business Intelligence
- Enterprise Applications
- Information Systems Development
- Integrated Enterprise Systems
- Cloud Infrastructure and Enterprise Services
- Blockchain Technology

Additional elective modules, including languages, are available

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AU605 | Level 8 | Bachelor of Business (Honours)
AU505 | Level 7 | Bachelor of Business

Entrepreneurship

These degrees develop students' creativity and business analytics skills as students learn to build their own business or work innovatively within existing businesses. Students gain a solid grounding in business while strengthening their entrepreneurial knowledge, competence, and skills. Entrepreneurs must communicate their vision, listen to input, sell their vision to employees/partners/investors, and build motivated teams. Graduates develop rewarding careers at home or abroad.

atu.ie/AU605
atu.ie/AU505

🕐 3/4 Years

CAO POINTS 281 (Level 8 2023)
225 (Level 7 2023)

▤ Minimum Entry Requirements

👥 60 Places

▤ Work Placement

◯ Erasmus+

✉ Eilis McNulty
Programme Chair
eilis.mcnulty@atu.ie

Special Features

These applied programmes collaborate with businesses and Enterprise Ireland. The programme is for students looking to work as a dynamic entrepreneur in their own business or as an innovative business executive in enterprise. Small class sizes facilitate group work, project work and the development of practical and digital skills, ensuring an excellent career path in business or enterprise. Students can pursue their own enterprise interests through work placement opportunities in Year 4. Much of the final year will be delivered off-campus with a number of innovative modules planned for online delivery.

Career Opportunities

Graduates can create their own employment in a start-up business of their own or build a career as an impactful and innovative executive in business and enterprise. Graduate careers may include working as a start-up business owner, business manager, business development officer, inventor, business consultant or manager of innovation and change.

Further Study Options

Upon successfully completing Year 3, (Level 7) students can then apply internally for Year 4 (Level 8). ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

The Level 8 degree is designed to meet the Teaching Council requirements for the teaching of Business to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Quick Fact

Applicants for this programme are not required to have previously studied entrepreneurship, accounting, finance, economics or business.

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

What will I study?

Year 1

- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Academic and Professional Skills
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability

Year 2

- Business Law and Legal Studies
- Management Information Systems
- Business Communications
- Human Resource Management
- Applied Marketing and Sales
- Statistics for Business
- Family Business
- Applied Macroeconomics
- Organisational Behaviour
- Human Resource Development

Year 3

- Entrepreneurship in Action
- Financial Management
- New Venture Creation
- Project Management
- Digital Business
- Operations Management
- New Venture Planning
- Business Communications and Negotiations
- Planning and Decision Making for Entrepreneurs

Year 4 (Level 8)

- Strategic Management
- Eco and Social Enterprise
- Commercialising Technology and Innovation
- Work Placement
- Research Methods
- Project

Additional elective modules, including languages, are available

Daniel Feehan

BBus (Hons) in Business

I enjoyed studying Business in secondary school, but I was uncertain about what area I wanted to specialise in. Opting for a flexible broad business degree, seemed the ideal choice to explore various aspects of the business world.

University offers a refreshing change from some of the restrictions in secondary school. The interactive nature, group projects, and range of different modules really contribute to my learning experience. I particularly enjoy the vibrant atmosphere at ATU Galway and actively engage with clubs and societies, creating a sense of belonging within the university community.

AU604 | Level 8 | Bachelor of Business (Honours)

Finance and Economics

This programme is for students interested in studying subjects such as business finance and decision-making, the principles of investment and the analysis of bonds and shares in an economic context. Lecturers on this programme are highly qualified and experienced financiers and economists and designed the programmes in collaboration with business leaders. The semester-long business placement in Year 3 boosts students' employability and helps to identify which specific career path suits them. Due to the skills shortage in this field, we anticipate excellent career opportunities for graduates of this programme.

atu.ie/AU604

- 4 Years
- **CAO POINTS** 319 (Level 8 2023)
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Marie Finnegan Programme Chair marie.finnegan@atu.ie

Special Features

This degree offers a direct pathway into a full-time career in financial services or in the economics profession. This degree is for students who would like to focus on a career in the financial services industry, avail of work placement in Year 3, gain extra accreditation through the digital academy, including qualifications such as Microsoft accreditation at different levels. This programme facilitates the completion of Qualified Financial Advisor and Investment Foundation exams for accreditation.

Quick Fact

Prior knowledge of business, accounting, economics or entrepreneurship is not needed to apply to this programme.

Career Opportunities

Graduates are in high demand by small firms, large companies (BNP Paribas, Northern Trust, State Street), and government agencies both domestically (e.g., Central Bank) and internationally (e.g., US Federal Reserve). Graduates pursue fulfilling careers across various sectors, including financial services, guiding established enterprises, executive positions, and traditional business roles.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. This degree was designed around Qualified Financial Advisor (QFA) qualification.

On completion of this Level 8 degree, graduates can sit for the QFA qualification based on the core content mastered in their degree programme. This gives graduates a unique selling point when marketing themselves for their ideal job.

This programme is designed to meet the Teaching Council requirements for the teaching of Business to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

What will I study?

Year 1
- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Academic and Professional Skills
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability

Year 2
- Business Law and Legal Studies
- Management Information Systems
- Business Communications
- Human Resource Management
- Applied Marketing and Sales
- Statistics for Business
- Applied Macroeconomics
- Organisational Behaviour
- Human Resource Development

Year 3
- Financial Services 1 - Loans and Pensions
- Financial Management 1 - Managerial Finance
- Irish Taxation Environment
- Business Analytics
- Quantitative Techniques
- Applied Microeconomics for Business
- Work Placement

Year 4
- Research Methods and Project
- Global Financial Markets and Institutions
- Financial Management 2 - Investment Decisions
- Econometrics
- Economic Evaluation Methods
- Financial Services 2 - Investment and Planning
- Financial Management 3 - Corporate Finance
- Ireland in the Global Economy
- Ethics and Corporate Governance

Additional elective modules, including languages, are available

AU603 | Level 8 | Bachelor of Business (Honours)
AU503 | Level 7 | Bachelor of Business

Marketing and Sales

Developed with business and marketing experts, these degrees cultivate creative talent and skills in research, digital proficiency, data analysis, ethics, and strategic thinking. They prepare students for careers as marketing and sales professionals in the digital age. Industry links offer expert guest speakers, real-world projects, and excellent work placements in Year 3.

atu.ie/AU603
atu.ie/AU503

- 3/4 Years
- CAO POINTS 300 (Level 8 2023) 251 (Level 7 2023)
- Minimum Entry Requirements
- 60 Places
- Work Placement
- Erasmus+
- Lorna Moynihan Programme Chair lorna.moynihan@atu.ie

Special Features

Designed in collaboration with business and industry, these degrees develops students' creativity through practical project work, group work and continuous assessment and numerous other skills leading to an exciting marketing or management career. These programmes are for students with an interest in digital business, social media marketing, market research and buyer behaviour.

Career Opportunities

Graduates apply their creative talent and skills through marketing and sales, to ensure the success of businesses and organisations, developing exciting and rewarding careers in areas such as marketing management, selling and sales management, brand management, international marketing management, marketing communications, digital and online marketing and business analyst.

Further Study Options

Upon successfully completing Year 3, (Level 7) students can then apply internally for Year 4 (Level 8). ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

The Level 8 degree is designed to meet the Teaching Council requirements for the teaching of Business to Leaving Certificate level following the completion of a Professional Master of Education (PME).

Quick Fact

The industrial placement in Year 3 helps to boost employability. The small class size facilitates group work, project work and the development of practical and digital skills.

Did You Know?

Business degrees at ATU Galway City are designed to have the flexibility to switch from one Business programme to another if a student changes their mind about what they want to study.

What will I study?

Year 1

- Principles of Economics
- Fundamentals in Financial and Management Accounting
- Computer Applications
- Management Principles and Business Environment
- Academic and Professional Skills
- Fundamentals of Entrepreneurship
- Principles of Marketing
- Sustainability

Year 2

- Business Law and Legal Studies
- Management Information Systems
- Business Communications
- Human Resource Management
- Applied Marketing and Sales
- Statistics for Business
- Applied Macroeconomics
- Organisational Behaviour
- Human Resource Development

Year 3

- Digital Content: Design and Creation
- Digital Business
- Marketing and Sales Management
- Market Research
- Digital Marketing
- Integrated Marketing Communications
- Consumer Behaviour
- Work Placement

Year 4 (Level 8)

- Strategic Management
- Global Marketing and Sales Strategy
- Brand Management
- Multi-channel Retail Strategy
- Professional Development for Marketers
- Marketing Analytics
- Strategic Marketing Practice
- Services Marketing

Additional elective modules, including languages, are available

Annie DeHora

BBus (Hons) in Marketing and Sales

When I applied to the CAO, I wasn't sure about my career path but knew I was really into business. That's why I picked the general business degree at ATU Galway. The flexible courses, with shared modules, led me to move to Marketing and Sales in my second year.

University is different from school; it requires self-reliance and proactive learning. It took a bit, but I adapted and found my rhythm. I really enjoy the group assignments because they encourage collaboration, diverse perspectives on projects, and mimic real workplace teamwork. ATU has a vibrant student life with loads of clubs and societies to join. It's great for trying new things and making friends. The Students' Union organises loads of events throughout the year, so there's always something for everyone.

AU631 | Level 8 | Bachelor of Arts (Honours)
AU531 | Level 7 | Bachelor of Arts

Gastronomy Science and Food Innovation

These programmes are for students who want to shape the future of food and become Ireland's top culinary graduates and food entrepreneurs. Students will develop an appreciation for sustainable gastronomy, understand the importance of ethical food sourcing and local ingredients, and embrace contemporary food trends. They will develop key skills in food product development and food entrepreneurship, leading to exciting career opportunities.

atu.ie/AU631
atu.ie/AU531

🕐 3/4 Years

CAO POINTS 271 (Level 8 2023)
300 (Level 7 2023)

Minimum Entry Requirements

64 Places

Work Placement

Erasmus+

Galway International Hotel School Office gihs.galwaymayo@atu.ie

Special Features

Sustainability principles have been embedded within our programmes as a core ethos. The learning on this course reflects and challenges industry trends and ensures students are equipped with a broad range of practical and academic modules to enhance their employability across the broader food industry, offering an extensive range of exciting career opportunities, both at home and abroad.

Career Opportunities

Graduates of these programmes have excellent employment opportunities, in all aspects of the food industry in Ireland and internationally. Graduate opportunities include employment in professional kitchens, in food compliance and safety, food styling, food enterprise development, food production management, food manufacturing, and postgraduate research.

Further Study Options

Upon successfully completing Year 3, (Level 7) students can then apply internally for Year 4 (Level 8). ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Guest speakers from leading industries are a regular feature of these programmes. Field trips include visits to top local and national restaurants, Michelin-recommended eateries, food tours, breweries, farms, and food producers. In the fourth year, students can visit an international gastronomic destination of renown as part of their International Study Tour module.

What will I study?

Year 1
- Culinary Skills and Service
- Sustainable Food Practices
- The Art of Pastry, Baking and Desserts
- Introduction to Food Science and Nutrition
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week work placement

Year 2
- Creative Cooking and Service
- The Art of Pastry and Baking
- Food Science and Technology
- Food for Health and Well-being
- Workplace Culture
- Modern Gastronomy
- Placement Reporting and Reflection

Year 3
- Work Based Learning – 30-week Industry Placement
- Food Product Innovation
- Fermented Foods
- Sensory and Consumer Science
- Advanced Food Science – Food Processing
- Food Microbiology and Analysis

Year 4 (Level 8)
- International Study Tour
- Applied Research Project
- Strategic Industry Management Seminars
- Sustainable Food Packaging
- Food Legislation or Regulatory Affairs
- Food Commodities and Ingredients
- Flavour Science
- Sensory Analysis for New Food Product Development
- Food Product Development

Additional elective modules, including languages, are available

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AU429 | Level 6 | Higher Certificate in Arts

Culinary Arts-Professional Chef Programme

This programme provides students with the key skills, knowledge and competencies required to work as chefs in a professional kitchen. Designed for students who are interested in shaping the future of food, learners will attain and develop both theoretical knowledge and specialised culinary skills through creative and technical competencies, all within a realistic learning environment. Students will gain an understanding and appreciation for gastronomy, the importance of sourcing ethical food, respecting local ingredients and traditions whilst embracing contemporary food trends.

atu.ie/AU429

🕐 2 Years

CAO POINTS 190 (Level 6 2023)

Minimum Entry Requirements

32 Places

Work Placement

Galway International Hotel School Office gihs.galwaymayo@atu.ie

Special Features

Our re-designed culinary programmes reflect industry trends and modern technology, equipping students for successful careers in the food industry. Sustainability principles are core, addressing climate action. Students learn from both practical and academic modules to enhance employability across diverse career opportunities. Year 1 and 3 work placements develop skills relevant to chosen pathways.

Career Opportunities

Graduates will have excellent employment opportunities, in all aspects of the food industry in Ireland and abroad. Graduates can be employed as Commis-Chef and with relevant industry experience, may progress to become Chef de Partie, Sous-Chef or Head Chef in a professional kitchen.

Did You Know?

Guest lectures and field trips are at the core of the teaching on the programme and are attached to many modules to enhance the application of the learning. Field trip destinations include local and nationally profiled restaurants of best practice, Michelin-recommended restaurants, food tours, breweries, farms and food producer visits and Bia Innovator campus.

What will I study?

Year 1
- Culinary Skills and Service
- Sustainable Food Practices
- The Art of Pastry, Baking and Desserts
- Introduction to Food Science and Nutrition
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week work placement

Year 2
- Creative Cooking and Service
- The Art of Pastry and Baking
- Food Science and Technology
- Food for Health and Well-being
- Workplace Culture
- Modern Gastronomy
- Placement Reporting and Reflection
- Work Based Learning – 30-week Industry Placement

(Students progressing into year 3 will undertake a 30-week international industry work placement following successful completion of year 2)

Additional elective modules, including languages, are available

Further Study Options

Level 6 graduates may apply internally for Year 3 of the Level 7 programme, Bachelor of Arts in Gastronomy Science and Food Innovation. Level 7 graduates may apply internally for Year 4 of the Level 8 programme, Bachelor of Arts (Honours) in Gastronomy Science and Food Innovation.

AU532 | Level 7 | Bachelor of Business

Tourism, Hospitality and Event Management (Common Entry)

Degree Award Options:

- International Tourism Management
- International Hotel and Hospitality Management
- Event Management with Public Relations

The Tourism, Hospitality, and Event Management industries form the largest service sector worldwide, offering a multitude of career opportunities. The common entry programme in these fields is designed to give students the opportunity to experience an introduction to the vast and diverse nature of each industry. Following first year, students have the flexibility to then stream into the Level 8 programme of their choice within their chosen discipline. This structure ensures that graduates are well-prepared for successful and varied careers.

atu.ie/AU532

- 3 Years
- CAO POINTS **NEW Programme**
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Galway International Hotel School gihs.galwaymayo@atu.ie

Special Features

The common entry programme invites students to discover the aspects of the Tourism, Hospitality and Event Management industries that they excel at and enjoy the most. More than half of the student's time will be spent in practical subjects, learning the diverse skills required to work in these diverse industries. This allows for specialisation from year 2 into the area of most interest to the student.

Career Opportunities

Our graduates are in high demand, with exciting career opportunities worldwide. They possess a range of specific and transferable skills, enabling them to enter their preferred industry. Depending on your chosen degree, roles vary from marketing, finance, HR, management, PR and entertainment enterprises, conferences and convention centres, non-profit organisations, tourism organisations, hotels, arts, and music festivals. visitor attractions, tourism agencies, transport operators, tour guiding, visitor information centres, and much more.

What will I study?

Year 1

- Industry Skills
- Introduction to Hotel, Hospitality and Tourism Industry
- Introduction to Event Industry
- Introduction to Public Relations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Management Accounting 1

Additional elective modules, including languages, are available

Year 2+

Students choose and transfer into one of the following degrees:

- International Tourism Management
- International Hotel and Hospitality Management
- Event Management with Public Relations

Further Study Options

After successfully completing Year 1, students progress into Year 2 of one of the following programmes:

- International Tourism Management
- International Hotel and Hospitality Management
- Event Management with Public Relations

ATU Level 8 qualifications are recognised worldwide for postgraduate entry including a MSc. In Sustainable Tourism and Event Management (Level 9) in ATU Galway.

Did You Know?

Students will experience a range of field trips and guest speakers in the first year to further inform them on future career opportunities.

AU628 | Level 8 | Bachelor of Business (Honours)

International Tourism Management

The travel and tourism industry is an exciting and varied industry. This programme is designed to equip students with the necessary skills, knowledge, and experience to pursue a successful career in management and business in both the domestic and international tourism industry. The integrated work placement enables students to apply and develop skills and knowledge at both operational and supervisory management levels, giving first-hand experience of the challenges, demands, and rewards of working in this exciting and ever-changing industry.

atu.ie/AU628

- 4 Years
- CAO POINTS **287** (Level 8 2023)
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Galway International Hotel School Office gihs.galwaymayo@atu.ie
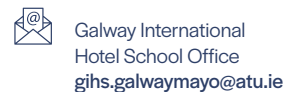
Special Features

The inclusion of the Fáilte Ireland Certified Regional and National Guiding Certificates greatly enhance the employability of graduates of the programmes. In addition, students will learn to use the Galileo international travel booking system, used by tour operators across the globe.

Career Opportunities

Graduates of this programme can pursue successful careers in the Fáilte Ireland Graduate Programme, visitor attractions, tourism agencies, transport operators, tour guiding, visitor information centres, festival and event management and hospitality operations in Ireland and overseas.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Field trips are at the core of teaching on the programme, linking with modules to enhance the application of learning. Destinations include the Aran Islands, Connemara, Dublin, Clonmacnoise, Newgrange, the Burren & the Cliffs of Moher. International study tour destinations in Year 4 vary each year, and have included Lisbon, Rome, Switzerland, and Berlin.

Professional Accreditation

Fáilte Ireland Rural Guiding Certificate following successful completion of Year 2. Fáilte Ireland National Guiding Certificate following successful completion of Year 3 of the programme.

What will I study?

Year 1

- Industry Skills
- Introduction to Hotel, Hospitality and Tourism Industry
- Introduction to Event Industry
- Introduction to Public Relations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills

Year 2

- Regional Guiding
- International Tourism Geography and Travel Trade
- Financial Accounting
- Marketing Principles
- International Tourism Impacts and Trends
- Management Principles
- Business and Consumer Law

Year 3

- Work Based Learning (30-week Industry Placement)
- National Guiding
- Management Accounting
- Human Resource Management
- Services Marketing
- Tourism Economics

Year 4

- International Study Tour
- Applied Research Project
- Strategic Industry Management Seminars
- Sales and Marketing Management
- Tourism Policy, Planning and Strategies
- Tourism Transport Management
- Performance Management and Decision Making
- Sustainable Tourism and Hospitality Management
- Destination and Resort Management

Additional elective modules, including languages, are available

AU426 | Level 6 | Higher Certificate in Business

Tourism

The travel and tourism industry is exciting and varied. This programme equips students with the skills, knowledge, and experience needed for a successful tourism career. Through integrated work placements, students experience the industry's challenges, demands, and rewards firsthand. They also participate in numerous field trips, which support university-based learning activities, providing practical, hands-on experience that complements their academic studies.

atu.ie/AU426

🕐 2 Years

CAO POINTS 259 (Level 6 2023)

📋 Minimum Entry Requirements

👥+ 25 Places

📄 Work Placement

@ Galway International Hotel School Office
gihs.galwaymayo@atu.ie

Career Opportunities

Upon completion of this programme you will be capable of undertaking a wide range of roles within the tourism industry both at home and abroad. The programme will also provide a foundation for the development of entrepreneurial activities. The inclusion of modern European languages will also aid students' mobility within the European Union and further afield.

Further Study Options

Students who successfully complete Year 2 will graduate with a Level 6 Higher Certificate in Tourism. They can then apply internally for entry into Year 3 of the Level 8 BA (Honours) in International Tourism Management. Students who successfully complete Year 3 can then progress to Year 4 of the Level 8 to gain a BA (Honours) in International Tourism Management.

Did You Know?

Field trips are at the core of teaching on the programme, linking with modules to enhance the application of learning.

Destinations include the Aran Islands, Connemara, Dublin, Clonmacnoise, Newgrange, the Burren & the Cliffs of Moher.

Common Entry

Following the successful completion of Year 1, students on this programme may choose to transfer to other programmes within the same discipline. Event Management with Public Relations or International Hotel and Hospitality Management. The student would transfer at the same level and may need to take a 'bridging module' in year two in lieu of the elective choices.

What will I study?

Year 1

- Introduction to Tourism
- Tourism Industry Skills
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills

Year 2

- Regional Guiding
- International Tourism Geography and Travel Trade
- Financial Accounting
- Marketing Principles
- Placement Reporting and Reflection
- Management Principles and Practice
- Consumer Law
- Summer 12-week international work placement (continuing or progressing into Year 3)

Additional elective modules, including languages, are available

Professional Accreditation

Fáilte Ireland Rural Guiding Certificate following successful completion of Year 2 of the Level 6.

Fáilte Ireland

Meida Gauryte

BBus (Hons) in International Tourism Management

Exploring European destinations at a young age ignited my interest in tourism, particularly guided tours and attractions. My love for travel was fuelled by the joy of flying visiting with family and friends.

Initially after my leaving cert I tried another course, but it wasn't for me. When looking for my path my research led me to ATU Galway where I knew a degree in International Tourism Management with language options and a work placement suited me perfectly. While in ATU I have loved working as a student ambassador and my work placements at the Guinness Storehouse and busy city centre hotel. This year I've travelled for a study semester abroad to ESB Business School in Reulingen Germany which is one of the best experiences I've ever had.

AU630 | Level 8 | Bachelor of Business (Honours)

International Hotel and Hospitality Management

This programme is designed to equip students with the necessary skills, knowledge and experience to pursue a successful career in management and business in both the domestic and international hotel and hospitality industry. Teaching is delivered through a range of practical and academic modules, supported by regular field trips. The integrated work placement enables students to apply and develop skills and experience at both operational and supervisory management levels, experiencing first-hand the challenge and rewards of working in this exciting industry.

atu.ie/AU630

🕐 4 Years

CAO POINTS 274 (Level 8 2023)

📋 Minimum Entry Requirements

👥 50 Places

📄 Work Placement

🔄 Erasmus+

✉ Galway International Hotel School Office
gihs.galwaymayo@atu.ie

Special Features

Field trips are at the core of the teaching on the programme to enhance the application of the learning. Destinations include Ashford Castle, Adare Manor, Guinness Storehouse, Jameson Distillery, Airbnb, etc. International Study Tour destinations (Year 4) vary each year and have included Lisbon, Rome, Switzerland, and Berlin.

Career Opportunities

Graduates will have excellent employment opportunities, at various levels of employment, in all aspects of the hospitality and tourism industry at home and abroad. Alternatively, graduates may specialise in specific areas such as marketing, finance, human resources, operations management to name but a few within the service industries. Alternatively, graduates may specialise in specific areas such as marketing, finance, human resources, operations management to name but a few within the service industries.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Year 4 students participate in the annual IHI Management Games, competing against students from various Irish colleges. ATU students have been regular winners of the competition in recent years.

What will I study?

Year 1
- Industry Skills
- Introduction to Hotel, Hospitality and Tourism Industry
- Introduction to Event Industry
- Introduction to Public Relations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills

Year 2
- Menu Management and Contemporary Service Techniques
- Rooms Division Management
- Financial Accounting
- Marketing Principles
- Culinary Skills for Hospitality Managers
- Management Principles
- Business and Consumer Law

Year 3
- Work Based Learning (30-week Industry Placement)
- Strategic Hospitality Management
- Management Accounting
- Human Resource Management
- Services Marketing
- Tourism Economics

Year 4
- International Study Tour
- Applied Research Project
- Strategic Industry Management Seminars
- Hotel Revenue and Distribution Management
- Sales and Marketing Management
- Employee Resourcing
- Performance Management and Decision Making
- Strategic Decision-Making

Additional elective modules, including languages, are available

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AU629 | Level 8 | Bachelor of Business (Honours)

Event Management with Public Relations

This programme is designed to provide relevant and professional education for students on all aspects of the planning, marketing and management of events and public relations in this multifaceted industry. Graduates pursue successful careers in management and business in both the domestic and international event management industry. The integrated work placement enables students to apply and develop skills and experience at both operational and supervisory management levels, experiencing first-hand the challenges and rewards of working in this exciting and ever-changing industry.

atu.ie/AU629

🕐 4 Years

CAO POINTS 263 (Level 8 2023)

📋 Minimum Entry Requirements

👥 50 Places

📄 Work Placement

🔄 Erasmus+

✉ Galway International Hotel School Office
gihs.galwaymayo@atu.ie

Special Features

Students will engage in a variety of field trips and events, both at home and abroad including the Galway International Arts Festival, Connacht Rugby, Aviva Stadium, Croke Park, Ploughing Championships, Dublin – Guinness Storehouse, Jameson Distillery, Airbnb, etc. International Study Tour destinations (Year 4) vary each year and have included Lisbon, Rome, Switzerland, and Berlin.

Career Opportunities

Graduates can expect to find employment in a variety of event, PR and entertainment enterprises; including conferences and convention centres, charitable non-profit organisations, national and regional tourism organisations, hotels, public relations firms, event management agencies, sports and leisure centres, community development organisations, arts and music festivals, multinational companies and public sector organisations.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Galway is regarded as the festival capital of Ireland, with a year-round calendar filled with vibrant events. Students of this course regularly partake and volunteer in these events throughout the year, giving valuable experience to support the learning on the programme.

What will I study?

Year 1
- Industry Skills
- Introduction to Hotel, Hospitality and Tourism Industry
- Introduction to Event Industry
- Introduction to Public Relations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills

Year 2
- Business Information Tools
- Conference and Exhibition Management
- Financial Accounting
- Marketing Principles
- Public Relations Techniques
- Event Risk Management
- Event Management
- Management Principles
- Business and Consumer Law

Year 3
- Work-Based Learning – 30-week Industry Placement
- Event Planning Management
- Public Relations Management
- Management Accounting
- Human Resource Management
- Services Marketing
- Tourism Economics

Year 4
- International Study Tour
- Applied Research Project
- Strategic Industry Management Seminars
- Sales and Marketing Management
- Event Strategy and Policy
- International Perspectives of Festival and Events
- Performance Management and Decision Making
- Public Relations Project
- Event Project Management

Additional elective modules, including languages, are available

AU625 | Level 8 | Bachelor of Arts (Honours)

Heritage

Heritage is anything from the past that people identify with, or something handed down through generations. Heritage is also concerned with how the past shapes the present and future. This programme is designed to equip students with the knowledge, skills, and experience for a rewarding career in the heritage sector or related areas. The programme's focus is applied, dynamic, and multidisciplinary – drawing insights from heritage and related fields such as archaeology, history, geography, ecology, literature, tourism, digital heritage, and museology.

atu.ie/AU625

🕐 4 Years

CAO POINTS 320 (Level 8 2023)

✅ Minimum Entry Requirements

👥 25 Places

📄 Work Placement

🌐 Erasmus+

✉ Programme Chair
Dr Mark Mc Carthy
mark.mccarthy@atu.ie

Special Features

Students learn through a lively and practical hands-on learning experience. In-person lectures and classroom discussions are supplemented by fieldtrips to heritage sites and museums throughout Ireland and Berlin, Germany. Learning also takes place by means of library work, labs, and online Virtual Learning Environments (VLEs). Research-informed teaching, Work-Integrated Learning (WIL), and the United Nations Sustainable Development Goals (SDGs) are important aspects of this programme.

Career Opportunities

Diverse career opportunities exist in the heritage sector and beyond, including: Archaeology, Archives, Biodiversity, Business, Civic Trusts, Government Departments, Creative & Cultural Industries, Conservation & Restoration, Digital Media, Environmental Consultancies, Family History Centres, Genealogy, Guiding, Heritage (Agencies, Centres, & Consultancies), Hospitality, Journalism, Lecturing, Libraries, Local & Regional Authorities, Museums, National Parks, NGOs, Planning, Research, Rural & Community Development, Start-up Enterprises, Teaching (Primary & Post Primary), and Tourism.

Further Study Options

Level 8 graduates are eligible to apply for many postgraduate programmes worldwide, including the Professional Master of Education (for primary or secondary school/post-primary teacher training) and ATU's Level 9 MA and Level 10 PhD in Heritage Studies (by Research).

Did You Know?

Students can study abroad for one or two semesters with our partners in Europe and the USA. Students choosing the Regional Guiding and National Guiding electives can be certified with the Fáilte Ireland Regional and National Guiding Certificates, following successful completion of Years 2 and 3 of this programme.

Fáilte Ireland

What will I study?

Year 1

- Ireland's Linguistic Traditions
- Irish and European History, 400-1200
- Earth Processes and Landforms
- Information Technology for Heritage Studies
- Academic and Professional Skills
- Rural Field Studies
- Reading Irish Literature
- Introduction to Archaeology & Built Heritage
- Irish and European History, 1200-1600

Year 2

- Irish Folklore
- Biogeography and Natural History
- Modern Irish History and Memory
- Digital Heritage Tools
- Urban Field Studies
- Later Modern International History and Memory
- European History Field Studies
- History of Art and Design
- Archaeology & Built Heritage of Rural Ireland

Year 3

- Museology: Principles and Practice
- Ireland's Literary Heritages
- Digital Heritage Tools
- Irish Local History and Genealogy
- Ecology & Environmental Sustainability
- Irish Artefactual Archaeology & Heritage
- Museums: Management and Design
- Geographic Information Systems
- Research Methods
- Historical Geography

Year 4

- Dissertation
- Geography, Planning & Climate Heritage
- Digital Surveying & Field Evidence
- Irish Traditional Music: History and Heritage
- Irish Historiography
- Heritage Tourism
- Irish Cinematic History and Cultural Identity
- Curatorial Practice and Project Management

Additional elective modules, including languages, are available

AU425 | Level 6 | Higher Certificate in Arts

Heritage

Heritage is anything from the past that people identify with, or something handed down through generations. Heritage is also concerned with how the past shapes the present and future. This programme is designed to equip students with the knowledge, skills, and experience for entry-level positions in the heritage sector or related areas. The programme's focus is applied, dynamic, and multidisciplinary – drawing insights from heritage and related fields such as archaeology, history, geography, folklore, literature, tourism, and information technology.

atu.ie/AU425

2 Years

CAO POINTS 181 (Level 6 2023)

Minimum Entry Requirements

25 Places

Work Placement

Programme Chair
Dr Mark Mc Carthy
mark.mccarthy@atu.ie

Special Features

Students learn through a lively and practical hands-on learning experience. In-person lectures and classroom discussions are supplemented by fieldtrips to heritage sites and museums throughout Ireland and Berlin, Germany. Learning also takes place by means of library work, labs, and online Virtual Learning Environments (VLEs). Research-informed teaching and the United Nations Sustainable Development Goals (SDGs) are important aspects of this programme.

Career Opportunities

This programme will appeal to students seeking a shorter period of study for operational roles in the heritage sector and related areas, including: OPW Heritage Guide (at heritage sites), Tour Guide (with coach and walking tour companies), General Operative Archaeologist; Library Assistant; Local Authority Clerical Officer; and Research Assistant (on projects in heritage, public history, and community archaeology).

Further Study Options

Students who successfully complete Year 2 will graduate with a Level 6 Higher Certificate in Heritage. They can apply internally for entry into Year 3 of the Level 8 BA (Honours) in Heritage. Students who successfully complete Year 3 can then progress to Year 4 of the Level 8 to gain a BA (Honours) in Heritage.

Did You Know?

Students choosing the Regional Guiding elective can be certified with the Fáilte Ireland Regional Guiding Certificate, following successful completion of Year 2 of this programme.

What will I study?

Year 1

- Ireland's Linguistic Traditions
- Irish and European History, 400-1200
- Earth Processes and Landforms
- Information Technology for Heritage Studies
- Academic and Professional Skills
- Rural Field Studies
- Reading Irish Literature
- Introduction to Archaeology & Built Heritage
- Irish and European History, 1200-1600

Year 2

- Irish Folklore
- Biogeography and Natural History
- Modern Irish History and Memory
- Digital Heritage Tools
- Urban Field Studies
- Modern International History and Memory
- European History Field Studies
- History of Art and Design
- Archaeology and Built Heritage

Additional elective modules, including languages, are available

Jake Justice

BA (Hons) in Heritage

Growing up in east Clare, I was emersed in the local archaeological sites and built heritage in the area. Supported by my guidance counsellor I chose to study Heritage at ATU. I had initially deferred my place for a year and got to work on archaeological excavations, solidifying my decision.

I love the field trips, range of subjects, and passionate lecturers in my degree. Memorable trips have included Northern Ireland, Cork City, and Berlin. My work placement in year 2 was with TVAS Ireland Ltd. in Cork working on an excavation, exposing me to various historical periods and showcasing the diverse career paths available. During my time in ATU, I've made lasting friendships and really enjoyed the vibrant city of Galway.

AU637 | Level 8 | Bachelor of Science (Honours)
AU537 | Level 7 | Bachelor of Science

Architectural Technology

An Architectural Technologist is a highly skilled technical design professional. This Chartered Institute of Architectural Technologists (CIAT) and Royal Institute of the Architects of Ireland (RIAI) accredited programme delivers a practical, applied learning experience, encouraging a strong work ethic in all years. We use a studio environment to deliver the practical modules using 2D and 3D modelling to arrive at sustainable design solutions.

atu.ie/AU637
atu.ie/AU537

🕐 3/4 Years

CAO POINTS 332 (Level 8 2023)
268 (Level 7 2023)

Minimum Entry Requirements

32 Places

Work Placement

Gerard Nicholson
Programme Chair
gerard.nicholson@atu.ie

Quick Fact

Students will take part in a semester-long placement in Year 3.

Career Opportunities

This programme responds to the rapidly developing technical environment of architecture worldwide, developing strong analytical and research skills. It equips learners with a strong, flexible and adaptable skill set which is suited to a variety of careers in architectural private practices, industry, research, design and consulting teams or academia.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

The Level 8 programme is professionally accredited by the Royal Institute of the Architects of Ireland (RIAI), the Chartered Institute of Architectural Technologists (CIAT) and the Chartered Association of Building Engineers (CABE) provides worldwide recognition.

RIAI

CIAT ACCREDITED PROGRAMME

cabe chartered association of building engineers

What will I study?

Year 1

- Detail and Design Studio 1
- Architectural Technology and Services 1
- Computer Aided Design (CAD) 1
- Construction Materials
- History of Western Architecture
- Architectural Graphics and Communication 1
- Mathematics
- Academic and Professional Skills

Year 2

- Detail and Design Studio 2
- Architectural Technologies and Services 2
- Building Information Modelling and Computer Aided Drawing 2
- History and Conservation of Irish Architecture
- Building Surveying
- Structural Element Design
- Architectural Graphics and Communication 2

Year 3

- Detail and Design Studio 3
- Advanced Architectural Technologies
- Building Information Modelling (BIM) 3
- Environmental Building Systems
- Professional Practice and Law
- Placement (Semester six)

Year 4 (Level 8)

- Detail and Design Studio 4
- Innovative Architectural Technologies
- Professional Practice – Contract and Procurement
- Building Information Modelling (BIM) 4
- Technical Design Report

Additional elective modules may be available

Lane Mooney

BSc (Hons) in Architectural Technology

From a young age I was always fascinated by architecture and building design. Before discovering Architectural Technology at ATU I had explored various academic paths. I knew this was the right fit for me with its blend of creativity and practical skills, especially in areas like surveying and Revit software. Transitioning to university life was initially daunting, but I quickly adapted and really enjoyed the practical tutorials and small class sizes. The lecturers are always available and easy to communication with.

Since graduating from Architectural Technology, I am now studying a MSc. in Built Environment Regulations and working part-time at ATU iHubs with BlueWise Marine. The highlight of this year was presenting at the International Conference of Architectural Technology, providing invaluable networking opportunities.

AU638 | Level 8 | Bachelor of Engineering (Honours)
AU538 | Level 7 | Bachelor of Engineering

Civil Engineering

Civil Engineering is probably the best-known type of engineering because the work of the civil engineer is clearly visible to us every day. Civil Engineering is all about creating, improving, and protecting the environment in which we live. It involves the planning, design, and construction of facilities that we require for everyday living, industry, and transport.

atu.ie/AU638
atu.ie/AU538

3/4 Years

CAO POINTS 400 (Level 8 2023)
300 (Level 7 2023)

Minimum Entry Requirements PLUS
▪ O4/H7 Maths

48 Places

Work Placement

Erasmus+

Dr Noelle Jones
Programme Chair
noelle.jones@atu.ie

Special Features

Civil Engineers have a creative, diverse, and challenging career and will be making a real contribution to the needs of both modern and developing societies all over the world. Graduates of Civil Engineering are in high demand in the profession in Ireland and worldwide. The course is accredited by the professional body of Engineer's Ireland (EI) as Associate Engineer (AEng). The course is also accredited by the Chartered Association of Building Engineers (CABE). In addition, the level 8 course is fully recognised by the Chartered Institute of Building (CIOB) and provides professional recognition worldwide.

Career Opportunities

Graduates of Civil Engineering will possess the technical and managerial skills necessary to enter professional careers in industry, research, design and consulting teams or academia.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

The Level 8 programme is professionally accredited by the CIOB, CABE and associate accreditation with Engineers Ireland.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

CIOB
THE CHARTERED INSTITUTE OF BUILDING

cabe
chartered association of building engineers

What will I study?

Year 1

- Surveying for Civil Engineering
- Construction Technology and Building Services
- CAD
- Health and Safety in the Built Environment
- Structural Mechanics
- Mathematics for Civil Engineering 1
- Engineering Science and Chemistry
- Construction Materials and Concrete Technology
- Academic and Professional Skills

Year 2

- Geomechanics and Ground Construction Technology
- Surveying for Civil Engineering
- Mathematics for Civil Engineering 2
- Structural Design and Detailing
- Infrastructural Engineering
- Water Analysis and Protection
- Civil Engineering Measurement and Procurement
- CAD/BIM

Year 3

- Hydraulics 1
- Public Health Engineering
- Surveying and Digital Terrain Modelling
- Structural Analysis and Design
- Construction Management Law and Procurement
- Mathematics for Civil Engineering 3
- Work Placement (four months) (Semester 2)

Year 4 (Level 8)

- Integrated Project
- Advanced Civil Engineering Software
- Engineering Hydrology
- Structural Scheme Design
- Environmental Engineering
- Geotechnical Engineering
- Environmental and Energy Sustainability
- Project Management
- Hydraulics 2

Additional elective modules may be available

David Cherry

BEng (Hons) in Civil Engineering

Finding the right degree path was a journey. I studied Earth and Ocean sciences for three years, then joined the UK military and worked various jobs, seeking my true passion. After visiting ATU on an Open Day and speaking with lecturers and students, I knew Civil Engineering was the right fit and applied as a mature student.

From outdoor surveying projects to a work placement with John Sisk & Sons, I got hands-on experience along with the academic study that set me up for success. I now work as a graduate engineer at Ryan Hanley Ltd and aim to become a Design Engineer/Project Engineer in a few years. If you're looking for a degree that is practical and career focused, this is for you too.

AU635 | Level 8 | Bachelor of Science (Honours)
AU535 | Level 7 | Bachelor of Science

Construction Management

Construction Management is a rewarding career, turning designs into real buildings, roads, or bridges. Managers efficiently organise people, materials, and equipment. They possess strong communication and people skills to direct projects. A five-month work placement in Year 3 offers students firsthand industry experience, showcasing the profession's challenges and opportunities.

atu.ie/AU635
atu.ie/AU535

🕐 3/4 Years

CAO POINTS 330 (Level 8 2023)
262 (Level 7 2023)

✓ Minimum Entry Requirements

👥 48 Places

📄 Work Placement

✉ Michelle Fahey
Programme Chair
michelle.fahey@atu.ie

Did You Know?

Our Construction Management graduates are educated and trained to be well-organised professionals who can control, direct, lead and motivate the range of people and organisations involved in construction projects.

Career Opportunities

There are great career prospects in Ireland and across the world. Graduates work on-site and in professional office environments with large and small building and civil engineering contractors, and project management practices.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

The programme is accredited by the Chartered Associate of Building Engineers (CABE). In addition, the Level 8 programme is fully recognised by the Chartered Institute of Building (CIOB) and has professional recognition.

What will I study?

Year 1
- Construction Technology 1
- Building Services 1
- CAD/BIM 1
- Land Surveying 1
- Building Economics 1
- Structures for Construction
- Academic and Professional Skills
- Building Science and Materials
- Mathematics

Year 2
- Construction Technology 2
- Building Services 2
- CAD/BIM 2 Construction
- Land Surveying 2
- Building Economics 2
- Site Management 1
- Structural Design and Detailing
- Integrated Project
- Environmental Management for Construction

Year 3
- Building Performance and Technology
- Building Services 3
- Construction Finance and HRM
- Innovation and Enterprise in the Built Environment
- Building Economics 3
- Site Management 2
- Work Placement (five months)

Year 4 (Level 8)
- Digital Systems
- Sustainability and Circular Economy in the Built Environment
- Construction Law and Industrial Relations
- Financial Evaluation
- Development Evaluation
- Building Economics 4
- Project Management
- Dissertation

Additional elective modules may be available

AU636 | Level 8 | Bachelor of Science (Honours)
AU536 | Level 7 | Bachelor of Science

Quantity Surveying and Construction Economics

A quantity surveyor combines the roles of accountant, solicitor, and building manager, excelling in cost planning, estimating, procurement, tendering, and contract administration. A four-month work placement in Year 3 offers practical learning. Graduates gain qualifications to become professional quantity surveyors, with specialisations that give them a competitive edge in the job market.

atu.ie/AU636
atu.ie/AU536

🕐 3/4 Years

CAO POINTS 348 (Level 8 2023)
250 (Level 7 2023)

✓ Minimum Entry Requirements

👥 48 Places

📄 Work Placement

✉ Lisa Dooley
Programme Chair
lisa.dooley@atu.ie

Did You Know?

Graduates of the Level 8 programme are provided with the academic qualification necessary to commence the process of becoming a Professional Quantity Surveyor (Chartered Surveyor). The programme provides highly sought-after specialisations, giving its graduates a clear edge in the employment market.

Career Opportunities

Graduates can find opportunities in Ireland and across the world in building, civil engineering, or building services consultancy, working on-site or in professional roles, with contractors, facilities management, insurance companies, local authorities, government departments, property divisions of the the banking sector, and utility providers.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

The Level 8 programme is fully accredited at Professional Level by the Society of Chartered Surveyors Ireland (SCSI), The Royal Institution of Chartered Surveyors in the UK (RICS) and the Chartered Association of Building Engineers (CABE).

What will I study?

Year 1
- Quantity Surveying Practice and Procedures
- Building Measurement
- Construction Technology 1
- Building Services 1
- Building Information Modelling for Surveyors 1
- Law for the Built Environment
- Academic and Professional Skills
- Financial and Economic Management
- Mathematics

Year 2
- Applied Measurement and Estimating
- Procurement Studies
- Contract Accounts Administration
- Construction Technology 2
- Building Services 2
- Health Safety and Site Management
- Project/QS Computer Applications
- Cost Studies 1
- Building Information Modelling for Surveyors 2

Year 3
- Advanced Measurement
- Building Performance and Technology
- Building Services 3
- Contracts (Private Sector)
- Cost Management of Civil Works
- Cost Studies 2
- Industrial Placement (four months)

Year 4 (Level 8)
- Cost Management of Building Services
- Capital Works Management Framework
- Construction Project Management
- Sustainability and the Circular Economy
- Dissertation

Additional elective modules may be available

AU642 | Level 8 | Bachelor of Engineering (Honours)
AU542 | Level 7 | Bachelor of Engineering

Software and Electronic Engineering

Students learn about the Internet of Things, mobile technologies, designing for a sustainable world, artificial intelligence, virtual reality, autonomous vehicles and medical technologies. Our innovative learning environment includes team and problem-based learning. Most of the contact time is spent in practical and project work. Lecturers work closely with the students to nurture their technical, personal, and professional development. No experience necessary, just an enquiring mind and an interest in technology.

atu.ie/AU642
atu.ie/AU542

🕐 3/4 Years

CAO POINTS 307 (Level 8 2023)
239 (Level 7 2023)

📋 Minimum Entry Requirements PLUS
▪ O4/H7 Maths

👥 80 Places

📄 Work Placement

🔄 Erasmus+

✉️ Des O'Reilly
Head of Department
of Electronic and
Electrical Engineering
des.oreilly@atu.ie

Did You Know?

ATU Galway organises student work placement in the top companies in the world who just happen to be in our region. Many students take their first job on graduation with the company where they did their placement.

Quick Fact

Our alumni have successfully secured positions in renowned companies such as Cisco, Intel, Ericsson, HP, Analog Devices, SAP, Avaya, Genesys, Valeo, Jaguar Land Rover, Boston Scientific, Medtronic, Thermo King and ATU.

Career Opportunities

A qualification as a Software and Electronic Engineer is a passport to work anywhere in the world. Graduates work with the leaders in software, computers, the Internet, medical technology, autonomous cars, sustainability, and telecommunications. Engineers can assume various roles including product design, technical support, research, management, sales, and education. As an engineer, you possess an entrepreneurial spirit, and the possibilities for your career are boundless with this degree.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

The Level 8 and Level 7 degrees are accredited by Engineers Ireland at Associate Level.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1

- C / C++ Programming
- Web Technologies
- Electronic Circuits
- Electrical Theory
- Internet Technology
- Project Build and Test
- Academic and Professional Skills
- Mathematics for Engineering

Year 2

- Java Programming
- Smart Teams
- Computer Engineering
- Analog Devices
- Electronic Design Automation
- Internet Technology
- Internet of Things Project
- PASS Leadership
- Communication Skills
- Civic Engagement
- Mathematics for Engineering

Year 3

- Machine Learning with Python
- Applied Linux
- System On Chip Design and Verif
- Embedded Systems
- Continuous Integration and Continuous Delivery
- Mathematics for Engineering
- Work Placement (Jan – August)

Year 4 (Level 8)

- C++ Programming
- Full Stack Development
- Mobile App Development
- Cloud Computing
- Embedded Real-Time Operating Systems
- Digital Signal Processing
- Medical Electronics
- Continuous Integration and Continuous Delivery
- Enterprise and Innovation
- Project Engineering

Additional elective modules
may be available

Marta Prieto Solovyova

BEng (Hons) in Software and Electronic Engineering

Transitioning into my course initially posed challenges, but bonding with classmates eased my mind. After exploring multiple career paths, my interest in technology ignited during my involvement with CoderDojo, especially in software development. Opting for Computer Science for my Leaving Cert and CAO application felt right, despite early uncertainties.

I love the practical aspect of my course. As a hands-on learner, the balance between lab work and lectures at ATU suits me perfectly. Building and programming projects like my RoboCar has been immensely rewarding.

ATU's lively student life, with events at Union Square and diverse clubs, enriches my experience. The feedback from lecturers, support from the Math Support Centre and completing the many practical projects have all contributed to building my confidence to work in this exciting and diverse industry.

AU649 | Level 8 | Bachelor of Engineering (Honours)
AU549 | Level 7 | Bachelor of Engineering

Engineering (Common Entry)

Degree Award Options:

- Agricultural Engineering
- Biomedical Engineering
- Energy Engineering
- Manufacturing Engineering Design
- Mechanical Engineering
- Automation and Robotics

The Common Entry Engineering degree programme introduces students to various engineering fields and fundamental skills, aiding in an informed programme choice in second year based on aptitude and skill. Upon completing the one-year programme, students will be eligible to transfer into Year 2 of the following programmes: Agricultural Engineering, Biomedical Engineering, Energy Engineering, Manufacturing Engineering Design, Mechanical Engineering, or Automation and Robotics Engineering.

atu.ie/AU649
atu.ie/AU549

🕐 3/4 Years

CAO POINTS 465 (Level 8 2023)
347 (Level 7 2023)

☑ Minimum Entry Requirements PLUS
▪ O6/H7 Maths
Note: Special Regulations may apply to progression to specific disciplines from Year 2

👥 60 Places

📄 Work Placement

✉ Dr Aoife O'Brien
Programme Chair
aoife.obrien@atu.ie

Common Entry

Students are introduced to various engineering disciplines through our programmes in Agricultural, Biomedical, Energy, Manufacturing, Mechanical, and Automation and Robotics Engineering. In Year 1, you will complete mandatory modules along with taster modules to better understand each discipline. This helps you make an informed decision when choosing your preferred field. The common entry programme lets you try before you decide on your engineering specialism.

What will I study?
Year 1

Elective Taster Modules
- Agricultural Technology
- Mechanical Dissection
- Introduction to Energy Systems
- Anatomy and Physiology for Engineers
- Electric Principles of Automation

Year 2+

Students choose and transfer into one of the following degrees:
- Agricultural Engineering
- Biomedical Engineering
- Energy Engineering
- Manufacturing Engineering Design
- Mechanical Engineering
- Automation and Robotics

Further Study Options

Students move to their chosen specialised area from Year 2. Special Regulations may apply to progression to specific disciplines from Year 2.

Career Opportunities

Our engineering graduates of Agricultural, Biomedical, Energy, Manufacturing, Mechanical, and Automation and Robotics Engineering can pursue careers in research, development, design, and project management. They find opportunities in sectors like biotechnology, renewable energy, agritech, automation, healthcare, and advanced manufacturing, both in Ireland and internationally.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

AU648 | Level 8 | Bachelor of Engineering (Honours)
AU548 | Level 7 | Bachelor of Engineering

Agricultural Engineering

These degrees combine engineering principles from various engineering disciplines, such as mechanical, electrical, civil, and chemical engineering with agricultural sciences. Graduates design and develop innovative farm equipment, machinery, technology, and systems for sustainable agriculture. Ideal for those passionate about farming and engineering.
These programmes emphasise practical learning with weekly classes, workshop practice, individual and group projects and national and international paid work placements.

atu.ie/AU648
atu.ie/AU548

🕐 3/4 Years

CAO POINTS 327 (Level 8 2023)
290 (Level 7 2022)

☑ Minimum Entry Requirements PLUS
▪ O4/H7 in Maths

👥 20 Places

📄 Work Placement

✉ Joint Programme Chairs
Alan Connors
alan.connors@atu.ie
Enda Kennedy
enda.kennedy
@associate.atu.ie

Special Features

This programme is delivered in ATU Galway City, with provided bus transportation to ATU Mountbellew for scheduled classes. Students are advised to seek accommodation in Galway City.

Common Entry

Students can enter into Year 2 of this programme via the Engineering Common Entry route AU649 (Level 8) / AU549 (Level 7).

Career Opportunities

Agricultural Engineering graduates perform and supervise engineering tasks related to agricultural land, buildings, machinery, and equipment. Career opportunities include maintaining and designing agricultural machinery, developing drainage systems, researching environmentally friendly crop production on farms and in labs, and conducting environmental impact evaluations.

Further Study Options

Level 7 graduates may apply internally for Year 4 of the Level 8 programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

The Department of Mechanical and Industrial Engineering collaborates with local industries, offering graduates funded research opportunities for MSc, MEng, or PhD programmes.

Did You Know?

The Level 8 programme meets the educational requirements for 'Trained Farmer Status' for the purpose of farm inheritance, grant aids, and tax exemptions. To comply with the requirements, students are required to complete an additional 5 credit subject per year.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?
Year 1

- Animal and Crop Production Science
- Agronomy and Animal Husbandry
- Computer Aided Design
- Electrical Science
- Agricultural Technology
- Engineering Science
- Mathematics
- Manufacturing Engineering

Year 2

- Mechanics and Dynamics of Machines
- Mathematics
- Farm Safety
- Grassland Production
- Farm Animal Health and Planning
- Thermodynamics
- Mechanics and Properties of Materials
- Computer Aided Design
- Power Hydraulics

Year 3

- Food Science, Technology and Quality Assurance
- Animal Nutrition and Breeding
- Dry Stock Production
- Work Experience for Agricultural Engineers (five months)
- Machine Design
- Advanced Manufacturing Processes
- Heat Transfer
- Power Hydraulics
- Dairy Production
- Engineering Design
- Programming for Embedded Controllers

Year 4 (Level 8)

- Mechanical Power Transmission
- Sustainable Farming and the Environment
- Soil Science and Nutrient Management
- Manufacturing Automation
- Maintenance and Reliability
- Electrical Machines
- Computer Aided Engineering
- Smart Agri Systems
- The Engineering in Society
- Automation and Control
- Agricultural Engineering Major Project

Additional elective modules are available

AU647 | Level 8 | Bachelor of Engineering (Honours)
AU547 | Level 7 | Bachelor of Engineering

Biomedical Engineering

Biomedical Engineers combine learning from Engineering with Biology and Medicine, and apply the learned principles to healthcare systems, developing life-enhancing equipment and technologies, such as vascular stents, artificial limbs, pacemakers, lasers for eye surgery, and contact lenses. These degrees are for students who would like an exciting career in Engineering that will save or improve people's life.

atu.ie/AU647
atu.ie/AU547

3/4 Years

CAO POINTS 380 (Level 8 2023)
308 (Level 7 2023)

Minimum Entry Requirements PLUS
▪ O4/H7 Maths

40 Places

Work Placement

Dr Liam Morris
Programme Chair
liam.morris@atu.ie

Special Features

The programme focuses on the integration of engineering and human physiology, biomedical product/system design and automation and also, validation, quality and regulatory affairs.

Career Opportunities

Graduates find employment in biomedical engineering related disciplines nationally and internationally, in areas such as medical device research and design, surgical design, new product design and development, product or process validation and project management.

Careers include working as an automation engineer, research and development engineer, quality engineer or sales engineer.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry. The Department of Mechanical and Industrial Engineering collaborates with local industries, offering graduates funded research opportunities for MSc, MEng, or PhD programmes specifically in the areas of biomedical engineering.

Common Entry

Students may enter into Year 2 of this programme via the Engineering Common Entry route AU649 Level 8 or AU549 Level 7.

Did You Know?

Paid work placement opportunities are available nationally and internationally in companies like Stryker, Medtronic and Boston Scientific.

Quick Fact

Ireland is home to 250+ medical technology companies employing over 25,000 people. Some 80% of the world's heart stents, 50% of ventilators, and 33% of contact lenses, are produced here in Ireland.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1

- Mathematics
- Computer-Aided Design
- Learning and Innovation Skills
- Electrical Science
- Anatomy and Physiology for Engineers
- Engineering Science
- Applied Biology of the Cell
- Introduction to Manufacturing Engineering

Year 2

- Mathematics
- Manufacturing Automation
- Anatomy and Physiology for Engineers
- Fluid Mechanics
- Mathematics
- Manufacturing Automation
- Mechanics and Properties of Materials
- Medical Image Generation of Anatomical Structures and Functions
- Statics and Dynamics
- Quality and Regulatory Affairs
- Project Management and Project

Year 3

- Instrumentation and Control
- Manufacturing Automation III
- Machine Design
- Lean Six Sigma
- Biomechanics of Soft Tissues
- Biomechanics of Hard Tissues
- Biomaterials
- Engineering Work Experience (five months)

Year 4 (Level 8)

- Medical Devices
- Major Project
- Computer-Aided Engineering
- The Engineer in Society
- Intellectual Property and Knowledge Management
- Advanced Mechanical Engineering
- Six Sigma Engineering
- Automation and Control

Additional elective modules may be available

Saifur Rahman

BEng (Hons) in Biomedical Engineering

I've always been fascinated by biology, technology, and healthcare. In secondary school, I developed a keen interest in understanding how medical devices and innovations can improve patient lives. This curiosity led me to explore various fields, and eventually, I decided to pursue Biomedical Engineering. ATU's strong reputation and blend of theoretical and practical learning, with a strong emphasis on hands-on experience, was a major draw.

I've enjoyed the supportive staff, practical skills, and vibrant student life, participating in events, leadership programmes, and career services. My goal is to excel in Biomedical Engineering and contribute to innovative medical solutions. Completing my placement with Boston Scientific as a Co-op Manufacturing Engineer was an invaluable learning experience, applying my knowledge into practice to help patients worldwide.

AU646 | Level 8 | Bachelor of Engineering (Honours)
AU546 | Level 7 | Bachelor of Engineering

Energy Engineering

Energy Engineering encompasses energy harvesting, conversion, management, storage, efficiency, modelling, sustainability, and compliance, driven by the goal of Net Zero carbon emissions by 2050. If you seek an exciting career in improving energy production and consumption, this degree is for you. These programmes integrate mechanical, energy, manufacturing, and environmental principles to equip you with skills to tackle global energy challenges.

atu.ie/AU646
atu.ie/AU546

🕐 3/4 Years

CAO POINTS 337 (Level 8 2023)
310 (Level 7 2022)

Minimum Entry Requirements PLUS
▪ O4/H7 Maths

30 Places

@ Christoph Schellenberg
Programme Chair
christoph.schellenberg
@atu.ie

Special Features

These programmes offer practical learning with access to dedicated energy teaching and research labs. They include laboratory classes, individual and group projects, and work placements in companies like ThermoKing, Unitherm Heating Systems, ESB and EirGrid.

Career Opportunities

Graduates are employed in a wide diversity of engineering related disciplines, both nationally and internationally. Destinations include building energy management, building information modelling services, research and development, energy manager, project managers, energy assessors and consultants, energy network managers and controllers, HVAC mechanical services, energy efficiency and recovery, energy distribution and with start-up companies.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry. The Department of Mechanical and Industrial Engineering collaborates with local industries, offering graduates funded research opportunities for MSc, MEng, or PhD programmes specifically in the areas of biomedical engineering and energy engineering.

Did You Know?

Energy engineers play a crucial role in tackling the pressing challenge of sustainable energy production and meeting the growing energy demand. With an expected 19% increase in global energy demand from 2020 to 2040, radical changes in the energy mix are necessary to meet greenhouse gas reduction targets, such as a 55% decrease by 2030.

Common Entry

Students may enter into Year 2 of this programme via the Engineering Common Entry route AU649 Level 8 or AU549 Level 7.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1

• Mathematics
• Computer-Aided Design
• Learning and Innovation Skills
• Electrical Science
• Mechanical Dissection
• Engineering Science
• Manufacturing Engineering
• Introduction to Energy Systems

Year 2

• Renewable Energy Technologies
• Statics and Dynamics
• Building Information Modelling I – Fundamentals
• Building Information Modelling II - Building Services
• Fluid Mechanics
• Mathematics
• Mechanics and Dynamics of Machines
• Manufacturing Automation
• Mechanics and Properties of Materials
• Thermodynamics
• Mathematics

Year 3

• Electrical Energy Technologies
• Programming for Embedded Controllers
• Heat Transfer
• Machine Design
• Thermofluids
• Thermodynamics Systems
• Instrumentation and Control
• Building Energy Performance
• Professional Practice for Engineers (five months)

Year 4 (Level 8)

• Computer-Aided Engineering
• Integrated Energy Systems
• Wind and Wave Energy
• Nuclear Engineering and Electrochemical Technology
• Energy Management
• Plant Engineering
• Electrical Machines
• The Engineer in Society
• Major Project
• Reliability and Maintenance

Additional elective modules may be available

AU650 | Level 8 | Bachelor of Engineering (Honours)
AU550 | Level 7 | Bachelor of Engineering

Manufacturing Engineering Design

These degrees produce high-quality manufacturing engineering graduates to support local, national, and international industries. Students gain transferable skills for rewarding careers. If you enjoy collaborative work and are interested in designing, implementing, and managing optimal manufacturing processes, this degree is ideal, helping Ireland's manufacturing industry grow and compete internationally.

atu.ie/AU650
atu.ie/AU550

🕐 3/4 Years

CAO POINTS 302 (Level 8 2023)
308 (Level 7 2022)

Minimum Entry Requirements PLUS
▪ O6/H7 Maths

20 Places

Work Placement

@ Dr David Gorman
Programme Chair
david.gorman@atu.ie

Special Features

These programmes are very practical with weekly lab classes, workshop practice, individual and group projects as well as company-based work experience. In addition, tuition is given on the latest CAD packages and leading-edge CNC turning and milling machines. Students will learn how to work together in teams to accomplish specified goals and targets, develop problem-solving skills, being creative and innovative, and gain experience in six sigma and project management methodologies.

Career Opportunities

Graduates will have the skills and experience necessary to build a career in manufacturing engineering design, quality engineering, lean / six sigma engineering, production and process engineering, operations management and maintenance, process improvement, supply chain engineering and project management.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

The Department of Mechanical and Industrial Engineering collaborates with local industries, offering graduates funded research opportunities for MSc, MEng, or PhD programmes.

Quick Fact

Manufacturing is the biggest employer in Irish industry. According to the European Commission, the industry is the backbone of the European economy, accounting for 80% of Europe's exports and private innovations, and providing high skilled job opportunities.

Common Entry

Students may enter into Year 2 of this programme via the Engineering Common Entry route AU649 Level 8 or AU549 Level 7.

What will I study?

Year 1

• Manufacturing Engineering Mathematics
• Manufacturing Engineering
• Engineering Science for Manufacturing
• Computer-Aided Design
• Academic and Professional Skills
• Engineering in Business
• Mechanical Dissection
• Electrical Science

Year 2

• Manufacturing Automation
• Maintenance and Safety
• Manufacturing Automation
• Metrology
• Manufacturing Engineering Mathematics
• Manufacturing Design of Fixtures
• Project Management and Project

Year 3

• Polymer Processing Technology
• Engineering Software Systems
• Advanced Manufacturing Processes
• Six Sigma Quality
• Manufacturing Process Planning
• Robotics and Control
• Operations Management
• Engineering Work Experience

Year 4 (Level 8)

• Product and Service Development
• Operations Modelling and Simulation
• Lean Enterprise Engineering
• Innovation and Enterprise
• Supply Chain Engineering
• Six Sigma Engineering
• The Engineer in Society
• Smart Manufacturing
• Major Project

Additional elective modules may be available

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

AU645 | Level 8 | Bachelor of Engineering (Honours)
AU545 | Level 7 | Bachelor of Engineering

Mechanical Engineering

In these degrees students will learn how machines and other mechanical systems work and how they are designed and controlled. This covers a vast range of products and systems from transportation, and power generation to medical devices. These programmes are very practical and more than 50% of the time is spent in laboratories, workshops and completing group and individual projects. Students are taught the latest techniques for computer-aided design and simulation.

atu.ie/AU645
atu.ie/AU545

🕐 3/4 Years

CAO POINTS 431 (Level 8 2023)
301 (Level 7 2023)

Minimum Entry Requirements PLUS
▪ O4/H7 Maths

👥+ 40 Places

📄 Work Placement

✉ Dr Denis O'Mahoney
Programme Chair
denis.omahoney@atu.ie

Special Features

In Year 3, students can avail of work placements in companies like Caragh Precision, Glanua, Medtronic, Thermoking, Xerotech and Boston Scientific.

Career Opportunities

Mechanical Engineers envision and create solutions. Many of our graduates have careers in component/product design, energy utilisation equipment, safety and reliability, automobile design, materials development, and mechanical design in aerospace, biomedical, ICT, process, pharmaceutical, manufacturing industries, and gas turbine design.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

The Department of Mechanical and Industrial Engineering collaborates with local industries, offering graduates funded research opportunities for MSc, MEng, or PhD programmes.

Did You Know?

Mechanical Engineering is one of the oldest branches of engineering, which combines physics, engineering, design and the sciences to analyse, design, and manufacture mechanical engineering systems. Due to the vast range of engineering systems studied, mechanical engineers are highly trained and skilled and competent to take on a variety of careers in industry, education, and public services.

Common Entry

Students may enter into Year 2 of this programme via the Engineering Common Entry route AU649 Level 8 or AU549 Level 7

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1

• Mathematics
• Engineering Science
• Mechanical Dissection
• Electrical Science
• Engineering in Business
• Academic and Professional Skills
• Computer-Aided Design
• Manufacturing Engineering

Year 2

• Manufacturing Engineering
• Computer-Aided Design
• Statics and Dynamics
• Fluid Mechanics
• Mathematics
• Manufacturing Automation
• Mechanics and Dynamics of Machines
• Mathematics
• Manufacturing Automation
• Mechanics and Properties of Materials

Year 3

• Heat Transfer
• Machine Design
• Advanced Manufacturing Processes
• Numerical Methods and Programming
• Engineering Design
• Instrumentation and Control
• Manufacturing Automation
• Professional Practice for Mechanical Engineers (five months)
• Electrical Energy Technologies
• Six Sigma

Year 4 (Level 8)

• Computer-Aided Engineering
• Major Project
• Automation and Control
• Advanced Mechanical Engineering
• The Engineer in Society
• Maintenance and Reliability

Additional elective modules may be available.

Loic Guillot

BEng (Hons) in Mechanical Engineering

I was studying science in another university, but I knew I always had a keen interest in engineering, so I applied to study Mechanical Engineering in ATU. Academically, the material was manageable, especially with prior knowledge, but adjusting to the university lifestyle and being self-accountable was a challenge initially. I love the hands-on modules, particularly CAD and manufacturing.

For my work placement I worked with Medesign in ATU iHubs where they offer a full range of medical device design solutions from concept to manufacture. I now feel significantly more developed as an engineer, equipped to innovate and generate new ideas. The abundance of clubs, societies, and academic support has really enhanced my university experience too.

AU656 | Level 8 | Bachelor of Science (Honours)
AU556 | Level 7 | Bachelor of Science

Science (Undenominated)

Degree Award Options:

- Applied Freshwater and Marine Biology
- Applied Biology and Biopharmaceutical Science
- Chemical and Pharmaceutical Science
- Physics and Instrumentation
- Forensic Science and Analysis

These undenominated science degrees offer flexibility, providing a core foundation in key disciplines during the first year. Ideal for undecided students, they allow specialisation after Year 1 in fields like Applied Freshwater and Marine Biology, Physics and Instrumentation, Chemical and Pharmaceutical Science, Applied Biology and Biopharmaceutical Science, or Forensic Science.

atu.ie/AU656
atu.ie/AU556

- 3/4 Years
- **CAO POINTS** 400 (Level 8 2023) 283 (Level 7 2023)
- Minimum Entry Requirements
- 32 Places
- Work Placement
- Dr Ian O'Connor Head of Department of Natural Resources and the Environment ian.oconnor@atu.ie

Special Features

A common entry route is a great choice for students who are unsure which area of science is for them. These programmes allow students to gain a deeper understanding of what each of the pathways entails.

Further Study Options

This programme is the common first year for 5 of our degrees. Upon successful completion of 1st year you progress into Year 2 of your chosen degree (subject to availability of places).

Did You Know?

Our science programmes prioritise practicals, projects and placements. At the end of Year 1 on the undenominated degrees you will select one of the specialist degrees to continue in Years 2, 3 and 4.

What will I study?

Year 1

- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2 +

Students choose one of the following specialisms:

- Applied Freshwater and Marine Biology
- Applied Biology and Biopharmaceutical Science
- Chemical and Pharmaceutical Science
- Physics and Instrumentation
- Forensic Science and Analysis

Additional elective modules are available

Common Entry

Year 1 involves the study of a range of science subjects, including Chemistry, Biology, Maths, Physics and Learning & Innovation Skills.

Quick Fact

There is no need to have studied any Chemistry, Biology or Physics at Leaving Certificate, as the fundamentals of all science subjects are delivered in Year 1.

AU655 | Level 8 | Bachelor of Science (Honours)
AU555 | Level 7 | Bachelor of Science

Applied Freshwater and Marine Biology

Students will study a range of modules from Freshwater and Marine Biology at home and abroad. This is an applied biology programme with an emphasis on practicals, projects and placement. These programmes focus on Freshwater and Marine Biology of organisms, populations, communities and ecosystems. The sustainable development of renewable resources in the face of the rapidly expanding population and developing economy is a consistent theme throughout these programmes.

atu.ie/AU655
atu.ie/AU555

- 3/4 Years
- **CAO POINTS** 401 (Level 8 2023) 305 (Level 7 2023)
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Dr Ian O'Connor Head of Department of Natural Resources and the Environment ian.oconnor@atu.ie

Special Features

Students on this programme complete numerous field trips from seashores to lakes, rivers and wetlands within Ireland and abroad to locations such as Spain.

Career Opportunities

Graduates from our programmes are equipped to undertake scientific, technical, or managerial roles in positions related to Freshwater and Marine Biology. Many work in state agencies nationally and internationally as well as industry and environmental organisations. Others go on to complete Master and Doctoral degrees in Ireland and internationally.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8.

Level 8 graduates can progress to MSc programmes within ATU, such as MSc Applied Marine Conservation, MSc Conservation Behaviour, or PhD / MSc by Research at the Marine and Freshwater Research Centre in ATU Galway City (mfrc-atu.ie).

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Common Entry

Students may enter Year 2 of this programme via the Science Undenominated common entry route AU556 Level 7 or AU656 Level 8.

Did You Know?

Ireland's wetland habitats are home to numerous plant and animal species. They form an important network of habitats for many species on migration and will be central to restoring biodiversity and mitigation of our carbon emissions. Ireland's marine environment is roughly ten times the size of its landmass with a wide range of habitats and species. The ocean has a fundamental role in our climate, food, and future energy supply.

What will I study?

Year 1

- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2

- Experimental Design and Statistics
- Botany and Zoology
- Biology and Culture of Aquatic Species
- Field and Laboratory Techniques
- Limnology and Oceanography

Year 3

- Ecological Techniques
- Ecology of Aquatic Environment
- Environmental Monitoring and Assessment
- Fisheries Monitoring and Assessment
- Identification Skills for Biologists
- Professional Development Plan
- Professional Practice (Placement - eight weeks)

Year 4 (Level 8)

- Aquatic Animal Behaviour
- Advances in Aquatic Biology and Ecology
- Biodiversity and Conservation
- GIS in Applied Freshwater and Marine Biology
- Advanced Data Analysis
- Aquatic Resource Management
- Project Methods and Preparation
- Applied Ecological Modelling
- Environmental Legislation
- Project Data Management
- International Field Course

Additional elective modules may be available

AU670 | Level 8 | Bachelor of Science (Honours)
AU569 | Level 7 | Bachelor of Science

Applied Biology and Biopharmaceutical Science

These programmes prepare graduates for roles in Ireland's pharmaceutical, biomedical, and healthcare sectors, with avenues in environmental protection, food safety, regulatory agencies, and research. The professional qualifications they gain boost career advancement, leading to managerial positions. Many secure job opportunities even before completing their final exams, while others pursue postgraduate research or higher degrees.

atu.ie/AU670
atu.ie/AU569

- 3/4 Years
- **CAO POINTS** 400 (Level 8 2023) 307 (Level 7 2023)
- Minimum Entry Requirements
- 64 Places
- Work Placement
- Dr Mary McMahon Programme Chair mary.mcmahon@atu.ie

Career Opportunities

Graduates have excellent career opportunities in the pharmaceutical, biomedical and healthcare sectors, in such areas as the development of new medicines, biomedicines, quality assurance, regulatory affairs, quality control, validation studies, management, research and development, the food industry, biotechnology sector, forensic science, consultancy, marketing, scientific publishing and education.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Ireland is a centre of excellence for numerous pharmaceutical and biotechnology companies. Wyeth, for example, has opened the biggest biotechnology campus in the world, and many more companies are opening biotech facilities in Ireland.

Common Entry

Students may enter into Year 2 of this programme via the Science Undenominated common entry route AU556 Level 7 or AU656 Level 8.

Quick Fact

Work Placement is undertaken in Year 4 as part of the research project module in companies operating within the Life Sciences sector or with research groups within ATU.

What will I study?

Year 1
- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2
- Biochemistry
- Analytical Techniques
- Molecular Biology
- Data Modelling and Statistics
- Quality Management
- Microbiology
- Analytical Techniques
- Fundamental Immunology
- Molecular Biology
- Biological Aspects of Water Pollution

Year 3
- Spectrophotometric Methods of Analysis
- Applied Enzymology and Immunology
- Microbiological Quality Control
- Quality Management
- Advanced Molecular and Biochemical Techniques
- Pharmaceutics
- Chromatography
- Pharmaceutical Microbiology
- Scientific and Professional Communication
- Introduction to Pharmacology and Drug Delivery Systems 100
- Project

Year 4 (Level 8)
- Biopharmaceutical Science
- Molecular Pharmacology
- Regulatory Compliance for Biotherapeutics
- Statistical Methods for Manufacturing
- Bioprocessing Technology
- Biopharmaceutical Analysis
- Advanced Pharmaceutical and Healthcare Microbiology
- Advanced Immunology, Biotherapeutics and Vaccines
- Molecular Biology
- Research Project/Work Placement

Additional elective modules may be available

Grace Courtney

BSc (Hons) in Applied Biology and Biopharmaceutical Science

My passion for biology led me to choose Applied Biology & Biopharmaceutical Science drawn, by its unique modules and diverse career paths. ATU's small class sizes and approachable lecturers made it easy to make friends and enhanced the learning experience. The industry-focused curriculum and interactions with alumni and companies motivated and prepared me for a successful career.

I loved the practical lab work, where we applied lecture knowledge, preparing me for roles as a Microbiology Analyst at CLS, Alexion Pharmaceuticals, and Medtronic. My placement at Bon Secours Hospital led to my current role as a Sterilisation Validation Engineer. ATU's friendly community, range of student services and Galway's vibrant student life all added to a fantastic university experience.

AU668 | Level 8 | Bachelor of Science (Honours)
AU568 | Level 7 | Bachelor of Science

Chemical and Pharmaceutical Science

These programmes focus on the practical application of chemistry, teaching students to discover new medicines and ensure they are safe and of high quality. Emphasising practical work and projects, they prepare graduates for immediate employment in the pharmaceutical, chemical, biomedical, and biotechnology sectors. Graduates are also in demand for roles in quality management, regulatory affairs, and research, or can pursue postgraduate studies.

atu.ie/AU668
atu.ie/AU568

- 3/4 Years

- **CAO POINTS** 362 (Level 8 2023)
  322 (Level 7 2022)

- Minimum Entry Requirements

- 32 Places

- Work Placement

- Dr Emer Quirke
  Programme Chair
  emer.quirke@atu.ie

Career Opportunities

Graduates fill vacancies in research and development, quality assurance and regulatory departments within the pharmaceutical, biomedical and research sectors. They also find employment in accreditation, validation and sales and marketing associated with these and other related industries. Opportunities also exist in area such as process development and operations, organic synthesis, and analysis.

What will I study?

Year 1

- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2

- Microbiology
- Analytical Forensics
- Data Modelling and Statistics
- Organic Chemistry
- Inorganic Chemistry
- Good Manufacturing Practice Standards and Quality System
- Physical Chemistry
- Analytical Techniques
- Biological Chemistry
- Instrumentation
- Computing and Scientific Communications

Year 3

- Spectrophotometric Methods of Analysis
- •Chromatographic Methods
- Electrochemical and Pharmacopoeia Methods
- Organic Chemistry
- Inorganic and Physical Chemistry
- Computing for Chemists
- Industry Placement (six months)

Year 4 (Level 8)

- Analytical Chemistry
- Inorganic Chemistry
- Medicinal Chemistry
- Organic Chemistry
- Physical and Computational Chemistry
- Research Project

Additional elective modules may be available

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Common Entry

Students may enter Year 2 of this programme via the Science Undenominated common entry route AU556 Level 7 or AU656 Level 8.

Quick Fact

There is no need to have studied chemistry for the Leaving Certificate, as the fundamentals of all science subjects are delivered in Year 1.

AU675 | Level 8 | Bachelor of Science (Honours)
AU575 | Level 7 | Bachelor of Science

Physics and Instrumentation

Modern technology's progression relies on fundamental physics research and instrumentation development, driving innovation across science and engineering. These programmes aim to engage those interested in fundamental science and offer rewarding career opportunities. Throughout these programmes, there is a strong emphasis on practical work and projects. These projects generally reflect student interests, including medical instrumentation, drone-based remote measurements, electronic musical equipment, and solar cell investigation.

atu.ie/AU675
atu.ie/AU575

- 3/4 Years

- **CAO POINTS** 312 (Level 8 2023)
  376 (Level 7 2022)

- Minimum Entry Requirements

- 32 Places

- Work Placement

- Gareth Roe,
  Head of Department
  of Computer Science
  and Applied Physics
  gareth.roe@atu.ie

Career Opportunities

A Physics and Instrumentation degree offers diverse career opportunities. Graduates are in demand for high-earning roles in sectors like pharmaceuticals, medical devices, electronics, biotechnology, green energy, and marine industries. Careers include calibration technician and medical physicist. Key skills developed include problem-solving and project management, which are transferable to many jobs beyond physics.

What will I study?

Year 1

- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2

- Physics
- Electronic Instrumentation
- Control and Instrument Systems
- Digital Systems and Interfacing
- Programming
- Technical Project
- Mathematics
- Astronomy and Astronomical Optics*
- Green Energy Technologies*

*Students can elect to undertake a module relevant to Marine Instrumentation or Computation

Year 3

- Relativity and Quantum and Electromagnetism
- Advanced Electronic Instrumentation
- Robotics and Automation
- Metrology and Standards and Calibration
- Mechanics and Thermodynamic
- Computerised Instrument Systems
- Imaging for Medical and Industrial Applications
- Instrument Design Team Project
- Work Placement (three to six months) or project.

Year 4 (Level 8)

- Electromagnetism
- Solid State T Semiconductor Physics
- Applied Optics and Optoelectronics
- Control and Instrument System Modelling and Design
- Spectroscopic Instrumentation and Microscopies
- Signal and Image Analysis
- Digital Signal Processing
- Final Year Project

Additional elective modules may be available

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Common Entry

Students may enter Year 2 of this programme via the Science Undenominated common entry route AU556 Level 7 or AU656 Level 8.

Did You Know?

Over 90% of graduates are in full-time employment within three months of graduation. Graduates of this programme have gone on to work with NASA.

Quick Fact

There is no need to have studied physics at Leaving Certificate, as the fundamentals of all science subjects are delivered in the first year.

AU669 | Level 8 | Bachelor of Science (Honours)

Forensic Science and Analysis

This multidisciplinary course allows students to study the development of modern forensic science and put into practice the analysis of DNA, forensic chemistry, forensic biology, computer forensics, expert witness, crime scene examination, and much more. Practical laboratory skills form a significant part of the experience, which benefits students during their six-month work placement. Key skills including judgement and decision making, time management, project management are also cultivated. Graduates of this course are strong contenders to thrive in any laboratory workplace.

atu.ie/AU669

- 4 Years
- **CAO POINTS** 400 (Level 8 2023)
- Minimum Entry Requirements
- 32 Places
- Work Placement
- Dr Eadaoin Tyrrell Programme Chair eadaoin.tyrrell@atu.ie

Special Features

This degree is accredited by The Chartered Society of Forensic Sciences, an internationally recognised professional body with members in over 60 countries. It is one of only three forensic programmes in the technological university sector to have this full professional accreditation.

Career Opportunities

Graduates will find work in forensic science, analytical and pharmaceutical sciences, the biotechnology and biomedical sectors and in environmental forensics.

Further Study Options

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Common Entry

Students may enter Year 2 of this programme via the Science Undenominated common entry route AU556 Level 7 or AU656 Level 8.

Quick Fact

There is no need to have studied chemistry at Leaving Certificate, as the fundamentals of all science subjects are delivered in the first year.

What will I study?

Year 1
- Biology
- Chemistry
- Physics
- Mathematics
- Academic and Professional Skills

Year 2
- Introduction to Forensic Science
- Analytical Forensics
- Forensic Legal Studies
- Data Modelling and Statistics
- Organic Chemistry
- Inorganic Chemistry
- Forensic DNA
- Analytical Techniques
- Computer Forensics
- Forensics and Analytical Quality Management
- Physical Chemistry

Year 3
- Trace Evidence Collection and Analysis
- Chromatographic Methods
- Computer Forensics
- Spectrophotometric Methods of Analysis
- Organic Chemistry
- Forensic DNA
- Placement (six months)

Year 4
- Electrochemical and Pharmacopoeia Methods
- Forensic Evidence Evaluation
- Forensic Chemistry
- Research Methods for Forensic Science
- Computer Forensics
- Environmental Forensics
- Forensic Project
- Analytical Chemistry

Professional Accreditation

The Chartered Society of Forensic Sciences
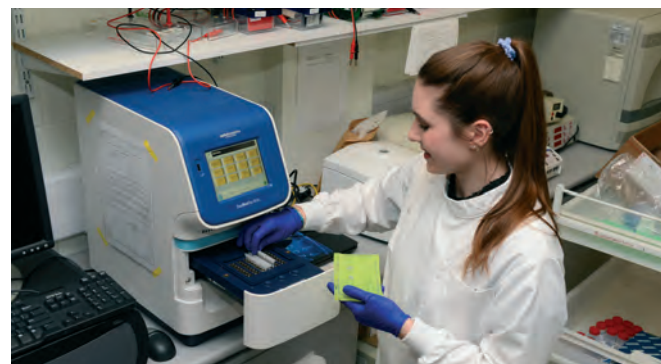
Mitchella Lacuesta

BSc (Hons) in Medical Science

Throughout secondary school, my love for science grew, influenced by my parents' healthcare careers. I started researching degrees extensively during my Leaving Cert, ultimately finding my ideal course in Medical Science at ATU. Its accreditation with the Institute of Biomedical Science (IBMS) and CORU will streamline my path to a hospital laboratory career directly after graduation. Along with the experience I will gain from my work placement in a hospital lab in year 3.

I particularly enjoy the laboratory practicals, enhancing my practical skills and creating experiences with classmates. The practical approach to education at ATU, supported by smaller class sizes and one-on-one time with lecturers, has been invaluable. Engaging in ATU's vibrant community, especially as a Senior Student Ambassador, has greatly enriched my overall experience.

AU671 | Level 8 | Bachelor of Science (Honours)

Medical Science

Medical Science is the study of investigative laboratory procedures and technologies that are required for the diagnosis of disease and the monitoring of therapy. This programme will provide students with a solid foundation in the basic sciences together with appropriate skills and knowledge to practice medical laboratory science. Graduates are specifically qualified to work in modern hospital laboratories in the investigation, diagnosis and monitoring of medical conditions and disease.

atu.ie/AU671

4 Years

CAO POINTS 506 (Level 8 2023)

Minimum Entry Requirements PLUS
- A science subject
- O5/H7 in Maths
- Garda Vetting
- Health Screening
- Fitness to Practice

32 Places

Work Placement

Dr Eleanor Rainsford
Programme Chair
eleanor.rainsford@atu.ie

Special Features

In Year 3, students are required to complete 1000 hours of structured practice placement as student medical scientists. This work experience provides students with an in-depth knowledge of hospital laboratory systems. During this placement, students are paid a non-means-tested generous allowance by the Health Service Executive. Placement locations are geographically dispersed; therefore, students may have to make alternative living arrangements when they are on placement depending on if they have transport or not.

Career Opportunities

This programme is approved by CORU, allowing graduates to practice as medical scientists in hospitals. It is also accredited by the Institute of Biomedical Science (IBMS) in the UK. Successful completion of the course and IBMS registration training enables students to apply for Biomedical Scientist registration and work in the UK. Graduates have diverse career opportunities in medical research, pharmaceuticals, and biomedicine, in public/private labs as well as Biomedical Science positions globally.

Further Study Options

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry. ATU Galway has developed a Master's of Science in Medical Science that is suitable for graduates of this programme (or equivalent programmes) who wish to study medical science at an advanced level.

Quick Fact

This programme is one of only three of its type in Ireland that has the recognition to enable graduates to practice as medical scientist in hospitals.

Did You Know?

Admitted students must undergo healthcare screening and Garda vetting. Practice placements may require specific vaccinations. Professional programmes include practical training in a professional environment and adhere to fitness to practice policies.

What will I study?

Year 1
- Academic and Professional Development
- Professional Practice in Medical Science
- Cell Biology/Genetics
- Physics for Medical Science
- Chemistry
- Mathematics/Statistics
- Human Physiology
- Microbiology

Year 2
- Statistics
- Human Physiology
- Medical Microbiology
- Transfusion Science
- Scientific and Professional Communication
- Cellular Pathology
- Molecular Biology
- Biochemistry
- Immunology
- Haematology
- Clinical Chemistry

Year 3
- Analytical Techniques/ Instrumentation
- DNA Technology/ Molecular Diagnostics
- Quality Management
- Applied Immunology
- Practice Placement

Year 4
- Pathophysiology and Epidemiology
- Clinical Immunology
- Research Project
- Electives
  Option A: Clinical Chemistry, Medical Microbiology
  OR
  Option B: Cellular Pathology, Haematology, Transfusion Science

Professional Accreditation

This programme is CORU approved.

IBMS Institute of Biomedical Science

AU663 | Level 8 | Bachelor of Science (Honours)

Public Health Nutrition

This exciting degree is the first of its kind in the West of Ireland. Public Health Nutrition focuses on the promotion of good health through nutrition and the primary prevention of nutrition-related illness in the population. Students on this programme will develop, implement and evaluate nutrition policies and programmes. They will apply scientific knowledge to understand the impact of food and diet on health and well-being and students will work to improve the diet, nutrition and health of individuals and communities.

atu.ie/AU663

4 Years

CAO POINTS 366 (Level 8 2023)

Minimum Entry Requirements

32 Places

Work Placement

Dr Evelyn Hannon
Programme Chair
evelyn.hannon@atu.ie

Special Features

This degree includes a 12-week professional work placement in Year 3.

Career Opportunities

Career opportunities in this field are rapidly developing for graduates who understand the connections between nutrition and public health. Graduates can work in advisory positions focused on weight management, healthy eating, and food safety, as well as in health promotion and health improvement roles. They may also engage in project delivery or advisory work with government agencies, research and data analysis, the food industry, school nutrition initiatives, and international public health organisations.

Further Study Options

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry. Graduates will be eligible to pursue research MSc/ PhD courses in Nutrition and related areas as well as taught masters' courses in cognate areas. ATU Galway have developed a number of taught Masters courses for Public Health Nutrition graduates.

Quick Fact

The BSc (Hons) in Public Health Nutrition is accredited with the Association for Nutrition (AfN).

Did You Know?

An AfN accredited degree programme sets graduates apart in the job market, giving them an edge over non-accredited graduates. It signifies professionalism, quality, and assures employers that graduates have acquired necessary competencies and adhere to ethical standards.

Professional Accreditation

Association for Nutrition (AfN)

AfN Accredited Programme
Accreditation No. AC334

What will I study?

Year 1
- Academic and Professional Skills
- Mathematics/Statistics
- Chemistry
- Anatomy and Physiology
- Fundamentals of Biomechanics
- Cell Biology/Genetics
- Principles of Food and Nutritional Science

Year 2
- Human Nutrition and Metabolism
- Human Physiology
- Food Science and Technology
- Nutrition, Physical Activity and Health
- Evaluating the Evidence for Public Health Nutrition
- Molecular Biology
- Immunology
- Biochemistry

Year 3
- Nutrition through the Life Cycle
- Personal and Professional Development for Nutritionists
- Applied Research Methods
- Community Nutrition and Food Policy
- Professional Placement

Year 4
- Clinical Nutrition
- Health Promotion
- Current Research in Sport, Exercise and Nutrition
- Advanced Food Science – Food Commodities and Ingredients
- Nutrition Controversies
- Research Project in Public Health Nutrition
- Global Perspectives in Nutrition
- Nutritional Epidemiology

Megan Curran

BSc (Hons) in Public Health Nutrition

I always had a strong interest in food and nutrition, with home economics being my favourite subject in secondary school. Having attended an open day and discovering the Public Health Nutrition degree at ATU, I knew this was to be my first choice on the CAO.

I really enjoyed the practical sessions in biology, chemistry, and nutrition during my studies. ATU provided extensive knowledge and professional skills, preparing me for my placement at University of Galway Health Promotion Research Centre. Since graduating, I secured a research assistant role at University of Limerick, working on projects related to rheumatoid arthritis, thanks to the skills and experience gained at ATU.

AU662 | Level 8 | Bachelor of Science (Honours)

Sport and Exercise Science

During this programme, students will learn how to apply scientific principles in order to understand and enhance sport and exercise performance, health, nutrition and well-being. It will prepare students to work in the world of sport, helping athletes and teams achieve optimum performance. It will also prepare students to work in the health sector, helping individuals to manage or prevent lifestyle-related chronic diseases through training and physical activity.

atu.ie/AU662

🕐 4 Years

CAO POINTS 360 (Level 8 2023)

Minimum Entry Requirements PLUS
▪ Garda Vetting

48 Places

Work Placement

Dr Robert Mooney
Programme Chair
robert.mooney@atu.ie

Special Features

Students can expect a strong focus on practical learning, work placement and projects. Much of the learning will take place in specialised classrooms and our dedicated performance analysis laboratory. Students will develop a thorough understanding of the three main disciplines of sport and exercise science: physiology, psychology, and biomechanics.

Career Opportunities

The demand for sport and exercise scientists continues to grow, with ever-increasing job opportunities within the health sector, recreational and competitive sport. Graduates will be able to work in areas such as professional sports clubs and organisations, national sporting associations, governing bodies and other related sporting agencies, public sports and recreation facilities, local authorities, education, exercise referrals, health sector and private health and fitness clubs.

Further Study Options

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

This programme is accredited with the Register of Exercise Professionals (REPS) Ireland. It is also designed to fulfil the initial requirements for the British Association of Sport and Exercise Sciences (BASES) accreditation. BASES is an internationally recognised standard, leading to exciting and varied career opportunities for graduates.

What will I study?

Year 1
- Academic and Professional Skills
- Mathematics/Statistics
- Chemistry
- Cell Biology/Genetics
- Anatomy and Physiology
- Fundamentals of Biomechanics
- Fundamentals of Sport and Exercise Science

Year 2
- Sport and Exercise Physiology
- Human Nutrition and Metabolism
- The Biomechanics of Human Movement
- Nutrition, Physical Activity and Health
- Introduction to Sports Psychology
- Research Methods for Sport and Exercise Science
- Exercise Instruction

Year 3
- Applied Sport and Exercise Psychology
- Sport and Exercise Pedagogies
- Sport and Exercise Biomechanics
- Advanced Laboratory Technique for Sport and Exercise Science
- Sport and Exercise Prescription and Training
- Applied Sport and Exercise Nutrition

Year 4
- Sports Management
- Contemporary Issues in Sport and Exercise Science
- Applied Sport and Exercise Physiology
- Current Research in Sport, Exercise and Nutrition
- Research Project in Sport and Exercise Science
- Professional Skills Sport and Exercise
- Science Placement (12 weeks)

Additional elective modules may be available

Professional Accreditation

This programme is accredited with the Register of Exercise Professionals (REPS) Ireland.

reps ireland
register of exercise professionals

AU664 | Level 8 | Bachelor of Science (Honours)

Sports Coaching

This programme is ideally suited to individuals that are passionate about playing or coaching sport or want a career in the sporting or fitness industry. It is a practically applied coaching degree, with a variety of sporting opportunities, populations, and environments where students will put theory into practice. Students will have the opportunity to complete a number of coaching accreditations with National Governing Bodies such as the FAI, GAA, and Athletics Ireland.

atu.ie/AU664

🕐 4 Years

CAO POINTS 320 (Level 8 2023)

📋 Minimum Entry Requirements PLUS
• Garda Vetting

👥 32 Places

📄 Work Placement

✉ Dr Denise Martin
Programme Chair
denise.martin@atu.ie

Special Features

This programme will provide students with the required theory and practical knowledge to meet the Teaching Council requirements for application to postgraduate programmes in Physical Education (PE).

Career Opportunities

Graduates can pursue diverse roles such as professional coaches, sports development officers, fitness instructors, health promotion, researchers, and more. Opportunities span national and international spheres, including governing bodies like Athletics Ireland and FIFA. They can work in government agencies academic institutions, private health clubs, sports management firms and even explore the sports technology sector with global leaders like Orreco and StatsPerform.

Further Study Options

Students who successfully complete this programme can then apply for MSc in Strength and Conditioning, MSc in Sport Nutrition, MSc Physical Education (PME).

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

During their first-year, students must complete a first aid course and safeguarding course to be able to participate in placements in Year 2.

What will I study?

Year 1
- Academic and Professional Skills
- Introduction to Fundamental Motor Skills and Behaviour
- Sociology of Sport and Coaching Coaching Science/Education 1 - Athletics and Team Sports
- Introduction to Sport and Exercise Physiology and Anatomy
- Fundamentals of Sport and Exercise Science
- Mathematics and Statistics

Year 2
- Understanding Coaching Practice
- Sport and Exercise Pedagogies
- Coaching Science/Education 2
- Micro Coaching
- Coaching Children and Youths
- Nutrition, Physical Activity and Health
- Placement 1 (Semester 2)- National School placement
- Introduction to Sports Psychology
- Exercise Instruction
- Introduction to Adapted Physical Activity

Year 3
- Placement 2 (Semester 1)- Disability and Inclusivity placement
- Ethical Issues in Sport
- Talent Development and Coaching
- Performance Analysis for Coaches
- Adventure Activities – Leading in the Outdoors
- Sports Marketing
- Research Methods for Sport Coaching
- Sport and Exercise Prescription and Training

Year 4
- Placement 3 (Semester 1) -Industry-based placement
- Sports Management
- Contemporary Issues and Advances in Sport Coaching
- Athlete and Performance Monitoring
- Group Dynamics and Athlete Welfare in Sport
- Research Project in Sports Coaching

Additional elective modules may be available

Mark Earle

BSc (Hons) in Sports and Exercise Science

My transition from Leaving Cert to higher education was unconventional. Initially, I chose a different path, but it didn't feel right. This led me to then enrol in a PLC course in sports and exercise science, which provided a hands-on learning environment and helped me refocus my career aspirations. After the PLC, I transitioned to Atlantic Technological University (ATU) for a degree in Sports and Exercise Science.

I've always loved sports, particularly rugby. At ATU, I enjoyed the practical aspects of the course, especially in the gym labs, and my placement with Connacht Rugby. This experience allowed me to apply theoretical knowledge in a real-world setting. My career goals are centred around athletic performance and strength and conditioning at the elite level.

AU677 | Level 8 | Bachelor of Science (Honours)
AU577 | Level 7 | Bachelor of Science

Computing and Digital Media

Studying Computing and Digital Media offers opportunities in computational problem-solving, programming, networking, software testing, and practical applications including 2D/3D graphics, animation, gaming, dynamic web, video production, and database technologies. Hands-on experience with software toolkits and a diverse skillset, including communication, creativity, problem-solving, and attention to detail, equips students to excel in current and emerging tech fields.

atu.ie/AU677
atu.ie/AU577

🕐 3/4 Years

CAO POINTS 302 (Level 8 2023)
259 (Level 7 2023)

Minimum Entry Requirements

40 Places

@ Valerie Butler
Programme Chair
valerie.butler@atu.ie

Special Features

Computing and Digital Media programmes place strong emphasis on practical skills, Students work individually and in groups on diverse project themes. Led by passionate, student-centred, and teaching-focused academic staff, students receive guidance and mentorship throughout their studies. Practical classes are limited in size to ensure personalised attention. The on-campus, interactive environment fosters creative thinking, interpersonal and project management skills. Students gain practical experience and develop the competencies required to excel in tech careers.

Career Opportunities

Graduates can anticipate fantastic career opportunities in the thriving technology sector. With a comprehensive skillset in Computing and Digital Media, they are primed for roles in software development, the games industry, digital marketing, multimedia production, and tech project management. Moreover, their adaptability prepares them for future jobs yet to be realised, driving innovation in an ever-evolving tech landscape. The possibilities are endless, making this an exciting and future-proof career path.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

What will I study?

Year 1

- Introduction to Digital Graphics and Design
- Web Design & Development
- Software Development
- Essential Mathematics for Computing
- Academic and Professional Skills
- Social Computing
- Computer Technology
- Digital Narratives

Year 2

- Audio Video Design & Production
- 3D Modelling & Animation
- Applied Digital Media
- Object-Oriented Computing
- Advanced Object-Oriented Computing
- UX Design Principles
- Database Development
- IT Professional Skills
- Essential Networking

Year 3

- Interaction Design
- Digital Marketing
- Project Management
- Dynamic Web Development Framework
- System Analysis Methods
- Work Placement

Year 4 (Level 8)

- 3D Game Design and Development
- Virtual & Augmented Reality
- Mobile Applications Development
- Data Analytics and Visualisation
- Secure Web Applications
- Software Testing
- Advanced Topic Seminars
- Portfolio
- Final Year Project

Additional elective modules may be available

AU676 | Level 8 | Bachelor of Science (Honours)
AU576 | Level 7 | Bachelor of Science

Computing in Software Development

Software development focuses on solving problems, designing and implementing new applications, and enhancing skills in communication, leadership, and management. Programmes emphasise practical programming skills, problem-solving, and applying computer science theory to real-world issues. Students become proficient in languages like Java and C#, learning to design, create, and test software solutions in a world increasingly shaped by AI, sustainability, mobility, connectivity, heterogeneity, and Big Data.

atu.ie/AU676
atu.ie/AU576

🕐 3/4 Years

CAO POINTS 362 (Level 8 2023)
271 (Level 7 2023)

Minimum Entry Requirements

96 Places

Work Placement

Erasmus+

@ Gareth Roe
Head of Department of Computer Science and Applied Physics
gareth.roe@atu.ie

Special Features

These programmes are highly practical with an emphasis on "learning by doing".

Career Opportunities

Graduates can look forward to excellent career opportunities in software development roles with both indigenous and multinational companies.

The career opportunities of a Software Development graduate are varied. Students may pursue postgraduate studies and/or find employment in roles such as a software developer, IT support, IT developer, games adviser or an application programmer.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8. ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Over the last 10 years, 90%+ of graduates have found employment in the ICT industry within six months of completing the programme.

What will I study?

Year 1

- Graphic User Interface and Web Development
- Software Design and Program Development
- Essential Mathematics for Computing
- Computer Technology
- E-Business Administration
- Learning and Innovation Skills

Year 2

- Software Design and Program Development
- Systems Analysis Methods
- Applied Networking Technologies
- Data Structures and Algorithms
- Project Management
- Internet and Mobile Application Development
- IT Professional Skills
- Procedural Programming
- Database Management

Year 3

- Operating Systems
- Data-Centric Web Applications
- Data Representation and Querying
- Mobile Applications Development
- Software Testing
- Database Management Systems
- Software Quality Management
- Object-Oriented Programming

Year 4 (Level 8)

- Advanced Object-Oriented Software Development
- Research Methods in Comp and IT
- Mobile Applications Development
- Gesture-based UI Development
- Applied Project and Minor Dissertation
- Artificial Intelligence
- Distributed Systems
- Software Engineering
- Emerging Technologies
- Theory of Algorithms

Additional elective modules may be available
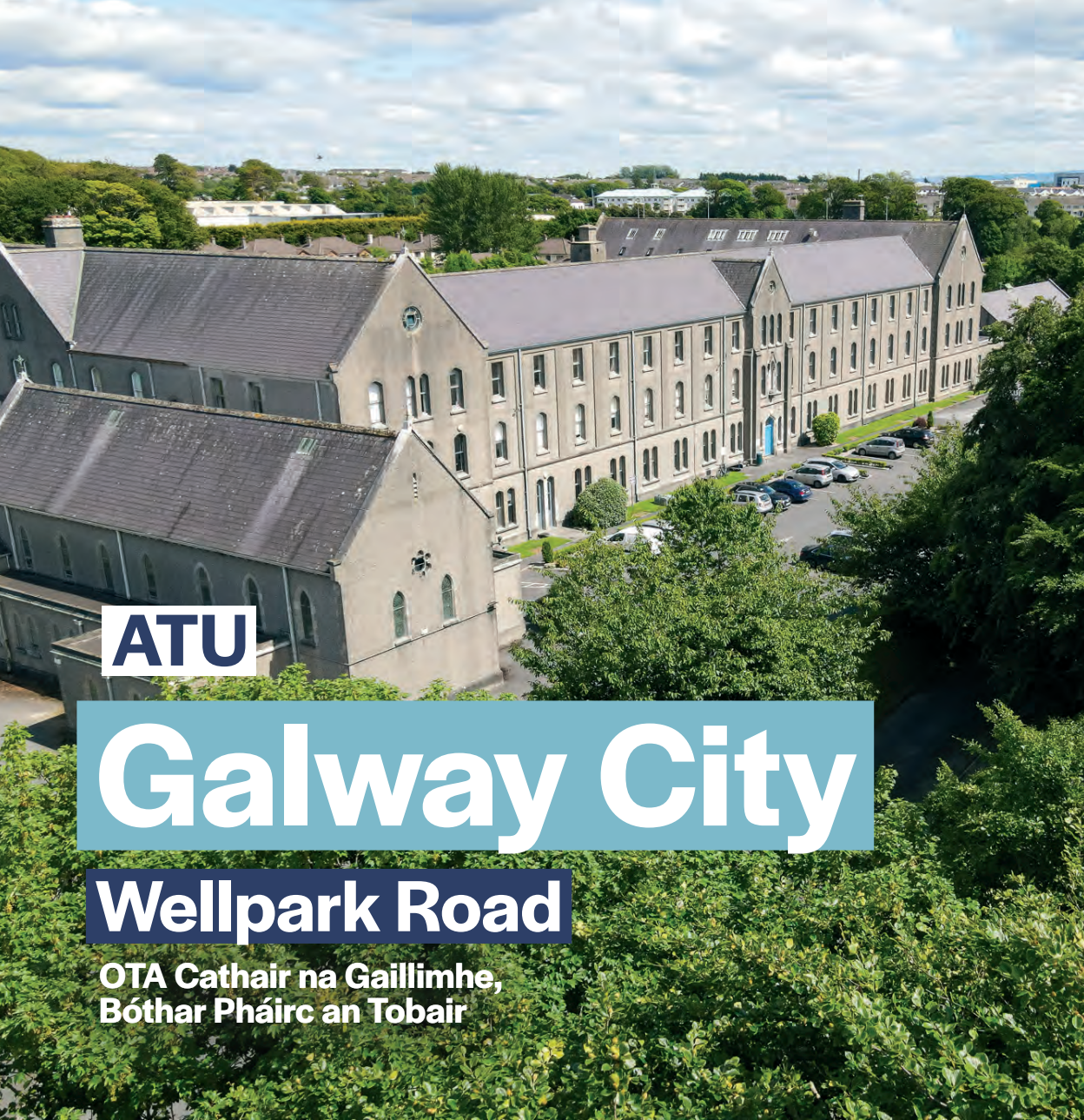
ATU
Galway City
Wellpark Road

OTA Cathair na Gaillimhe, Bóthar Pháirc an Tobair

ATU Galway City, Wellpark Road offers undergraduate programmes across a wide range of disciplines, in addition to postgraduate, part-time and professional development programmes.

Location

Located on the east side of Galway city, ATU Galway City, Wellpark Road is a vibrant hub for creativity and home to numerous creative enterprises. This dynamic campus offers a wide array of programmes, including art, design, graphic design and illustration, product design, interior design, textile and fashion design, film and documentary, creative media and storytelling, animation and game design, and post primary teaching (Art, and Design & Communication Graphics).

Facilities

Our Wellpark Road campus has specialised creative spaces which include edit suites, virtual production studio, art and design studios, several PC computer labs, animation studios, XR studio, recording studio, sculpture & ceramic workshops, drawing studios, textile workshops, prototyping workshops, and digital fab labs. Our library provides quiet study spaces, free Wi-Fi, computing, and printing facilities.

Student Centred

Students are the focus of the learning experience, and we empower them to be successful at third level and in their future careers.

Innovation

ATU Galway City, Wellpark Road is home to a new CREW Innovation Hub supporting new business start-ups.

Languages

ATU Galway City, Wellpark Road offers language and culture module in Gaeilge as part of the Film and Documentary degree. With skilled language lecturers, ATU Galway offers a unique learning approach, opportunities for career growth and personal development.

Erasmus+ and Placements

Students on the Design programmes can avail of Erasmus+ and placement opportunities, enhancing job prospects in the global economy.

AU617 | Level 8 | Bachelor of Arts (Honours)

Animation and Game Design

The Animation and Game Design programme is focused on world-building, both narratively and artistically, providing the skills and techniques necessary to create truly immersive worlds, environments and characters. Students will use 2D art and 3D modelling software, become versed in narrative design theory, learn advanced level design techniques and many more skills. These skills are widely sought after by a wide range of industries today or for those wishing to design and produce their own animated films and video games.

atu.ie/AU617

- 3 Years
- **CAO POINTS** 400 (Level 8 2023)
- Minimum Entry Requirements
- 48 Places
- Manus Burke Programme Chair manus.burke@atu.ie

Career Opportunities

Graduates could be employed in various roles such as a game designer, level designer, narrative designer, environment artist, character artist, technical artist, background artist, layout artist, storyboard artist, 3D modeller, 3D/2D animator, character designer, production and direction.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Ireland's animation industry is a steadily expanding one and an international success story, whilst digital gaming is a sector that has seen exponential global growth in the past decade.

Quick Fact

Animation is currently worth over €100m annually to the Irish economy, having doubled its growth since 2014 and with 85% of the output for overseas companies. In the video games segment, the number of users in Ireland is expected to amount to 3.1m by 2025.

What will I study?

Year 1
- Academic and Professional Skills
- Editing
- Digital Tools for Games and Animation
- Animation Studio & Theory
- Drawing
- Game Design Studio and Theory
- 3D Modelling
- VFX
- Screen Writing

Year 2
- 3D Modelling
- Drawing
- Audio for Games and Animation
- Digital Narrative for Games and Animation
- Visual and Critical Studies
- Animation Studio and Theory, or Game Design Studio
- Advanced Digital Tools, or Game Theory

Year 3
- Production Practice: Project Management
- Production Practice: Entrepreneurship
- Portfolio
- Critical and Contextual Studies
- Dissertation: Media
- Animation Studio, or Game Design Studio
- Animation theory, or Game Design Studio
- 3D Animation for Film & TV, or 3D Animation for Games

AU618 | Level 8 | Bachelor of Arts (Honours)
AU518 | Level 7 | Bachelor of Arts

Art

These art degrees are dynamic and visually driven programmes. Students are challenged to address traditional, contemporary, conceptual, conventional, and experimental approaches to thinking, making, performing, and writing about art in today's world. Skills are delivered in Ceramics, Sculpture, Digital Media, Drawing, Filmmaking, Painting, Photography, Printmaking, Professional Practice and Curation in tandem with academic research and writing skills in Art History and Critical Theory.

atu.ie/AU618
atu.ie/AU518

- 3/4 Years
- **CAO POINTS** 552* (Level 8 2023) 552* (Level 7 2023)
- Minimum Entry Requirements PLUS * Visual Arts e-portfolio
- 40 Places
- Erasmus+
- Katherine West Programme Chair katherine.west@atu.ie

Special Features

Learners are exposed to a myriad of technical and creative possibilities within their modules through lectures, workshops, demonstrations, seminars, tutorials and visits to exhibitions, galleries, and museums.

Career Opportunities

Graduates of this programme can pursue careers as artists, painters, sculptors, printmakers, or ceramicists. They can also explore roles in digital art, art education, blogging, cultural commentary, art criticism, photography, printmaking, arts administration, public art, community arts, museum or gallery assistance, educational roles, exhibition guiding, or arts research.

Further Study Options

Level 7 graduates may apply internally for Year 4 of the Level 8 programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

The Art programme is designed to meet the Teaching Council Curricular Subject Requirements (Post-Primary). To qualify as an art teacher students will need to additionally complete a two-year Professional Master of Education (PME).

Did You Know?

*The points listed above include additional points awarded for the portfolio which are added to the Leaving Certificate points. Details of the ePortfolio can be found on the programme webpage, atu.ie/AU618 or atu.ie/AU518.

What will I study?

Year 1
- 2D, 3D & contextual studies/ studio
- Photography and Digital Media
- Drawing Colour and Structure
- Critical Theory
- History of Art 1: Introduction
- Academic and Professional Skills

Year 2
- Sculpture, Ceramics, Digital and Time-Based Media - Studio Practice (Elective A)
- Painting, Photography, Printmaking - Studio Practice (Elective A)
- Clay Portrait Head (Elective B)
- Book Arts (Elective B)
- Interdisciplinary Drawing
- Critical Theory
- History of Art 2: Modernism Matters
- Industry and Clay: Exploiting the Industrial towards Creative Outcomes

Year 3
- Sculpture, Ceramics, Digital and Time-Based Media - Studio Practice (Elective A)
- Painting, Photography, Printmaking - Studio Practice (Elective A)
- Film Making with DSLR (Elective B)
- Cloth & Human Experience (Elective B)
- Visual Culture
- Professional Practice (Exhibition)
- Exhibiting Contemporary Art

Year 4 (Level 8)
- Sculpture, Ceramics, Digital and Time-Based Media - Studio Practice (Elective A)
- Painting, Photography, Printmaking - Studio Practice (Elective A)
- Critical Theory: Research Methods and Dissertation
- Sustaining Practice

AU615 | Level 8 | Bachelor of Arts (Honours)

Film and Documentary

The Film and Documentary programme provides students with specialised knowledge of the history, theory and practical working of documentary and filmmaking. Students learn through lectures and projects, gaining expertise in screenwriting, cinematography, editing, production design, audio, and VFX. The programme includes practical assignments, and team collaborations, emphasising storytelling, technical proficiency, and critical analysis. Industry professionals regularly deliver seminars, preparing students for careers in film and media. Graduates emerge with a comprehensive portfolio and the ability to create impactful visual narratives.

atu.ie/AU615

🕐 3 Years

CAO POINTS 311 (Level 8 2023)

Minimum Entry Requirements

48 Places

Felim MacDermott
Programme Chair
felim.macdermott@atu.ie

Special Features

The practical and technical skills options include such specialist areas as screenwriting, editing, sound, production design, cinematography and VFX (visual effects).

Career Opportunities

Graduates will acquire specialist skills, positioning them well for the competitive film and documentary industry, both nationally and internationally. Career paths include screenwriting, script editing, research, editing, post-production coordination, sound recording, sound design, production design, cinematography, visual effects, directing, producing, production management, assistant directing, location management, and more.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Organisations on campus, who contribute to the programme, include Ardán (A platform for creative talents in Film, TV, Games and Animation), RTE, UNESCO City of Film, CREW (Creative Enterprise West), WRAP (Western Audio-Visual Producers) fund and Creative Europe.

What will I study?

Year 1
- Screen Writing
- Editing
- Production Design
- Production Practice
- Broadcasting Theory
- Film Studies: An Introduction
- Academic and Professional Skills
- VFX
- Audio
- Cinematography
- Film Practice 1: Documentary

Year 2
- Production Practice
- Film Practice 2: Fiction
- Documentary Studies
- Visual and Critical Studies
- Industry Project, or Industry Engagement: Irish for Media
- Production Design, or Audio, or Cinematography
- Editing, or VFX, or Screen Writing

Year 3
- Dissertation: Media
- Production Practice: Entrepreneurship
- Production Practice: Project Management
- Small Screen Studies
- Film Studies: Critical Approaches
- Film Practice 3: Fiction, or Documentary
- Production Design, or Audio, or Cinematography
- Editing, or VFX, or Screen Writing

CITY OF FILM
Galway
CEANTAR SCANNÁN

AU616 | Level 8 | Bachelor of Arts (Honours)

Creative Media and Storytelling

Crafting stories with the power to change how we think, feel and act is central to Creative Media and Storytelling. In the age of social media and smart phones, people are receiving and reacting to more stories and information than ever before from a variety of platforms. With subjects including photography, camera, audio, editing, podcasting, web design and the use of social media. This programme offers students the vital skills necessary to develop and deliver stories through various media platforms.

atu.ie/AU616

🕐 3 Years

CAO POINTS 308 (Level 8 2023)

Minimum Entry Requirements

24 Places

Jim Vaughan
Programme Chair
jim.vaughan@atu.ie

Special Features

The programme is aimed at students who wish to pursue a career in the digital communications area. It will include key subjects that inform the digital media sphere, including local journalism, marketing and advertising, advocacy, campaigning, community awareness and digital communication.

The student will learn to create trustworthy accurate content, script writing and presentation for the digital age, by ethically mastering and utilising different digital communication platforms.

Career Opportunities

Our graduates will be equipped to work in a variety of industries and sectors including public, community, NGO`s, education, corporate relations and creative agencies.

Career opportunities could include working as content creators, scriptwriters, photographers and photojournalists, podcasters, and bloggers. Graduates also find employment in commercial and industrial enterprises, film production, the news industry, and radio, TV and print industries.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

This is a degree for the digital information era, aimed at those who want to work in the media and communication industry in a wide range of capacities. These could include marketing, advertising, community/public relations, news reporting, citizen journalism/ blogging/influencing, etc.

What will I study?

Year 1
- Cinematography
- Editing
- Audio
- Academic and Professional Skills
- Marketing Principles
- Culture and Society
- Website Design and Social Media Presence
- Digital Storytelling 1: Imagery
- Introduction to Public Relations
- Broadcasting Theory

Year 2
- Film Making with DSLR
- Community Voices: Online Hub
- Digital Storytelling 2: Writing in Context
- Culture and Society
- Technical Production Skills
- Visual and Critical Studies
- Public Relations, Community Engagement and Advocacy

Year 3
- Other Voices: Online Hub
- Fieldwork: Local Stories
- Ethics and the Digital Age
- Dissertation: Media
- Social Web/Digital Media Strategy
- Production Practice: Entrepreneurship
- New Media and Technologies

Quick Fact

The demand for digital content creators with titles such as Content Coordinator, Writing Consultant, Podcaster and Blogger is growing. The global influencer market is worth $21.1 billion in 2023, a 53% increase since 2021.

AU620 | Level 8 | Bachelor of Education (Honours)

Art and Design & Communication Graphics

This teacher education programme qualifies graduates to teach both Art and Design and Communication Graphics (DCG) in Irish post-primary schools. Students will develop their creative skills and learn to apply emerging technologies to enable them to master the subjects of Art and DCG. Education theory and practice of teaching are core elements of the programme and students are given an opportunity each year during school placement to develop their teaching skills in supportive and inclusive school environments.

atu.ie/AU620

4 Years

CAO POINTS 400 (Level 8 2023)

Minimum Entry Requirements PLUS
- H5 in Art or DCG
- Fitness to Practice
- Garda Vetting

20 Places

Work Placement

John Langan
Programme Chair
john.langan@atu.ie

Special Features

A career in teaching is highly stimulating and rewarding. Teachers make a real impact on young peoples' lives. The subjects of Art and DCG allow students to express themselves creatively, through the use of applied technologies and the teacher plays an important role in nurturing students' passion for these subjects. Through our expert staff and small class groups, the programme will provide all the structures, resources and facilities for graduates to become experts. Learning on this programme is combined with practical skill-based assignments, educational theory and professional practice, providing a rich and varied learning experience for students.

Career Opportunities

Graduates of this programme will be qualified to teach Art and Design and Communication Graphics to Senior Cycle honours level. They can also teach Visual Art and Graphics at Junior Cycle level. Graduates will also have a suite of skills that are highly sought-after in other fields of work including design, 3D modelling and visual and graphic communication.

Further Study Options

On completion of this course, graduates can apply for post-graduate programmes in related areas.

Professional Accreditation

An Chomhairle Mhúinteoireachta
The Teaching Council

What will I study?

Year 1

- Academic and Professional Skills
- Design Process
- Creative Disciplines - Art and Design
- Technical Graphics
- School Placement 1 (1 week)
- Visual Culture and Critical Studies
- Art Elements and Design Principles (Drawing - 2D and 3D)

Year 2

- Graphics and Computer Applications
- Visual Culture and Critical Studies
- Education Projects 2 (Art, Design and Technology)
- Design Process
- Creative Disciplines - Art and Design
- Theory of Teaching and Learning
- School Placement 2 (3 weeks)

Year 3

- Creative Disciplines - Art and Design
- School Placement 3 (1 Semester)
- Curriculum and Assessment
- Education for Inclusivity and Diversity
- Education Studies
- Education Projects 3 (Art, Design and Technology)
- Applied Graphics

Year 4

- Creative Disciplines - Art and Design
- School Placement 4 (1 Semester)
- Advanced Graphics
- Professional Studies
- Practitioner Research

Riona Vielreicher

BEd (Hons) in Art and Design & Communication Graphics

I just completed the first year of my degree and although I have only experienced one year so far, I love it and am so happy with my decision. I was extremely nervous coming to study here from Germany, but I have met some amazing people and have felt very welcome and part of a family since day one.

Lectures started with laying a solid groundwork in both Art and DCG, which I appreciated as I had only previously studied Art. I have learned a lot this year, especially with regard to building confidence in my work and my ability to become a good teacher. I am proud to be part of a supportive and friendly community, and I look forward to the years to come.

AU519 | Level 7 | Bachelor of Arts

Design (Common Entry)

Degree Award Options:

- Product Design
- Interior Design
- Graphic Design and Illustration
- Textile and Fashion

The Design (Common Entry) course is the first year of a 3-year (Level 7) degree. Following the exploration of design disciplines, students focus on their preferred specialist area in second semester. In Year 2 they transfer to either: Product Design, Graphic Design & Illustration, Interior Design or Textile & Fashion Design. The course explores both traditional and digital design skills across all four disciplines. Students learn methods and techniques to research, develop and realise their creative vision as a designer

atu.ie/AU519

- 3 Years
- CAO POINTS 254 (Level 7 2023)
- Minimum Entry Requirements
- 80 Places
- Work Placement
- Erasmus+
- Kieran Egan Programme Chair kieran.egan@atu.ie

Special Features

Students will develop real-world design skills through links created with industry, in the form of live projects and placement.

Career Opportunities

Design is a high-growth industry sector, offering graduates exciting career opportunities. Graduates are on a pathway to become interior designers, product designers, graphic designers, illustrators and fashion and textile designers, in addition to a vast array of other design roles within each discipline.

What will I study?

Year 1

- Academic and Professional Skills
- Design Studio
- Introduction to Design Pathways
- Design History and Theory
- Photography
- Digital Media
- Core Studio (Interior Design/ Graphic Design and Illustration/ Product Design/ Textiles for Fashion)

Year 2 +

Students choose and transfer into one of the following degrees:

- Product Design
- Graphic Design and Illustration
- Interior Design
- Textiles and Fashion Design

Further Study Options

Level 7 graduates of one of the Design courses may apply internally for Year 4 of the Level 8 course. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Employers value our design graduates for their creative problem solving, excellent communication skills, IT literacy, flexibility, teamwork skills and visual presentation skills.

AU624 | Level 8 | Bachelor of Arts (Honours)

Product Design

Product Design students will learn about manufacturing design, methods and processes, ergonomics and human centred design and innovation. The programme includes Photography, Digital Media, Design History and Theory, Creative Problem Solving, Entrepreneurial skills and an Ethical and Sustainable Design ethos. There is a Level 7 entry route to Product Design, by choosing Product Design in semester 2 of year 1 of AU519. Upon successful completion of Year 3, Level 7 students can apply internally for Year 4 Level 8.

atu.ie/AU624

- 4 Years
- CAO POINTS NEW Programme
- Minimum Entry Requirements
- 20 Places
- Work Placement
- Erasmus+
- Kieran Egan Programme Chair kieran.egan@atu.ie

Career Opportunities

Product Design graduates can progress to careers as product/ industrial designers, CAD specialists within design practices and three-dimensional designers.

Many Product Designers collaborate in design teams with other designers to develop products and cross over into diverse areas such as user experience design (UX), theatre film and TV design, 3D computer design, graphic design or interior design.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

What will I study?

Year 1

- Academic and Professional Skills
- Design Studio
- Introduction to Design Pathways
- Design History and Theory
- Photography
- Digital Media
- Core Studio (Product Design)

Year 2

- Digital Tools
- Design Thinking and Theory
- Additive Manufacturing Design, Methods, and Processes
- Subtractive Manufacturing Design, Methods and Processes
- Ergonomics and Human-Centred Design

Year 3

- Contemporary Design Theory
- Advanced Digital Tools
- Professional Practice and Projects

Year 4

- Project Management and Costing
- Dissertation
- Entrepreneurship and Professional Practice
- Product Design and Innovation
- Human Centred Product Development

Did You Know?

The degree features a full year of professional practice (with some online tuition) that can be experienced as a year-long industry placement, or a combination of placement and international exchange, or on-campus industry projects that link with industry partners nationally and internationally.

Special Features

This degree offers flexibility after the first semester of year 1 to transfer to one of our other design courses; Interior Design, Textile & Fashion Design, or Graphic Design & Illustration.

AU622 | Level 8 | Bachelor of Arts (Honours)

Interior Design

Interior Design students learn about the design of interior spaces, 3D modelmaking, ergonomics and human-centred design, interior design – surface, materials and finishes. Photography, Digital Media, Design History and Theory, Creative Problem Solving, Entrepreneurial skills and an Ethical and Sustainable Design ethos. There is a Level 7 entry route to Interior Design, by choosing Interior Design in semester 2 of year 1 of AU519. Upon successful completion of Year 3, Level 7 students can apply internally for Year 4 Level 8.

atu.ie/AU622

- 4 Years
- NEW Programme
- Minimum Entry Requirements
- 20 Places
- Work Placement
- Erasmus+
- Kieran Egan Programme Chair kieran.egan@atu.ie

Career Opportunities

Interior Designers can go on to specialise in areas such as a retail store designer, office designer, home interior designer, film and set designer, hotel and restaurant designer, exhibition and display designer, interior stylist or CAD technician.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The programme features a full year of professional practice (with some online tuition) that can be experienced as a year-long industry placement, a combination of placement and international exchange, or on-campus industry projects that link with industry partners nationally and internationally.

What will I study?

Year 1
- Academic and Professional Skills
- Design Studio
- Introduction to Design Pathways
- Design History and Theory
- Photography
- Digital Media
- Core Studio (Interior Design)

Year 2
- Digital Tools
- Design Thinking and Theory
- Interior Design - 3D Modelmaking and Building Regulations
- Ergonomics and Human-Centred Design
- Textile and Surface Design

Year 3
- Contemporary Design Theory
- Advanced Digital Tools
- Professional Practice and Projects

Year 4
- Project Management and Costing
- Dissertation
- Entrepreneurship and Professional Practice
- Interior Design - Surfaces, Materials and Finishes
- Interior Design - Integrated Interior Design Project
- Building Information Modelling (Interior Design)

Special Features

This degree offers flexibility after the first semester of year 1 to transfer to one of our other design courses; Product Design, Textile & Fashion Design, or Graphic Design & Illustration.

AU623 | Level 8 | Bachelor of Arts (Honours)

Graphic Design and Illustration

Graphic Design and Illustration students learn visual communications, illustration, typography, advanced digital design and book arts for design, Photography, Digital Media, Design History and Theory, Creative Problem Solving, Entrepreneurial skills and an Ethical and Sustainable Design ethos. There is a Level 7 entry route to Graphic Design and Illustration, by choosing Graphic Design and Illustration in semester 2 of year 1 of AU519. Upon successful completion of Year 3, Level 7 students can apply internally for Year 4 Level 8.

atu.ie/AU623

- 4 Years
- NEW Programme
- Minimum Entry Requirements
- 20 Places
- Work Placement
- Erasmus+
- Kieran Egan Programme Chair kieran.egan@atu.ie

Career Opportunities

Graphic Designers and Illustrators can also go on to specialise in areas such as publishing, branding, user experience design, motion graphics, packaging, or advertising. Graduate careers include working as a digital designer, UX/UI designer, illustrator, art director and many more.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The programme features a full year of professional practice (with some online tuition) that can be experienced as a year-long industry placement: or a combination of placement and international exchange: or on-campus industry projects that link with industry partners nationally and internationally.

What will I study?

Year 1
- Academic and Professional Skills
- Design Studio
- Introduction to Design Pathways
- Design History and Theory
- Photography
- Digital Media
- Core Studio (Graphic Design and Illustration)

Year 2
- Digital Tools
- Design Thinking and Theory
- Visual Communications
- Illustration
- Typography

Year 3
- Contemporary Design Theory
- Advanced Digital Tools
- Professional Practice and Projects

Year 4
- Project Management and Costing
- Dissertation
- Entrepreneurship and Professional Practice
- Visual Communications - Major Project
- Advanced Digital Design
- Book Arts for Design

Special Features

This degree offers flexibility after the first semester of year 1 to transfer to one of our other design courses; Interior Design, Textile & Fashion Design, or Product Design.

AU621 | Level 8 | Bachelor of Arts (Honours)

Textile and Fashion Design

Textile and Fashion Design students learn about fashion concepts, textile and surface design, woven textile design and practice, accessory design, fashion textile research and development, 3D construction, textile fabrication, fashion directions, Digital Media, Design History and Theory, Creative Problem Solving, Entrepreneurial skills and an Ethical and Sustainable Design ethos. The Level 7 entry route to Textile and Fashion Design, is by choosing it in semester 2 of year 1 of AU519. Upon successful completion of Year 3, Level 7 students can then apply internally for Year 4 Level 8.

atu.ie/AU621

- 4 Years
- **CAO POINTS** NEW Programme
- Minimum Entry Requirements
- 20 Places
- Work Placement
- Erasmus+
- Kieran Egan
  Programme Chair
  kieran.egan@atu.ie

Career Opportunities

Fashion and Textile Designers can go on to specialise in areas such as surface design, accessory design, pattern cutting, stylist, costume design and retail merchandising.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The programme features a full year of professional practice (with some online tuition) that can be experienced as a year-long industry placement: or a combination of placement and international exchange: or on-campus industry projects that link with industry partners nationally and internationally.

What will I study?

Year 1

- Academic and Professional Skills
- Design Studio
- Introduction to Design Pathways
- Design History and Theory
- Photography
- Digital Media
- Core Studio (Textiles for Fashion)

Year 2

- Digital Tools
- Design Thinking and Theory
- Fashion Concepts
- Textile and Surface Design
- Woven Textile Design and Practice
- Accessory Design

Year 3

- Contemporary Design Theory
- Advanced Digital Tools
- Professional Practice and Projects

Year 4

- Project Management and Costing
- Dissertation
- Entrepreneurship and Professional Practice
- Fashion Textile Research and Development
- 3D Construction
- Textile Fabrication
- Fashion Directions

Special Features

This degree offers flexibility after the first semester of year 1 to transfer to one of our other design courses; Interior Design, Product Design, or Graphic Design & Illustration.

Ashleen Nee

BA (Hons) in Product Design

I was apprehensive about the transition from secondary school to university, in replicating the institutionalised environment. However, ATU proved to be a liberating experience, fostering curiosity, originality, and autonomy. The most fulfilling aspect was the freedom to create meaningful projects and tackle real-world problems, with feedback from peers and lecturers nurturing confidence and innovation.

Despite its small size, the Wellpark Road campus exuded a vibrant community spirit, fostering lifelong friendships and memorable experiences. Now at Accenture, my role as a Consulting Development Analyst blends design skills with technology to drive impactful change. ATU's emphasis on hands-on learning prepares students for real-world challenges, instilling confidence and fostering a culture of innovation.

ATU

Connemara

OTA Conamara

ATU Connemara is regarded both nationally and internationally as a leading provider of third-level programmes in furniture design and technology, and teacher education (design, graphics and construction).

State-of-the-Art Facilities

Students benefit from learning their skills in state-of-the art facilities. Our machine halls and bench rooms are fully equipped and include CNC equipment, laser cutting technology, sawmill and drying kiln, computer labs with specialist CAD software, along with a range of other specialist wood processing machinery.

Awards

Our students frequently top award lists nationally and internationally. These include design and craft, IrelandSkills and WorldSkills, undergraduate and wood marketing awards.

Showcases

Students regularly get to showcase their work at local, national and regional levels. This not only highlights their talent, it also allows students to engage with potential employers.

Work Placement

All students undertake year long work placement in year three as part of their programme, including overseas placement opportunities. Through placements, students broaden their understanding of how enterprises operate and depend their knowledge through practice in a work environment. School placement in all four years for those on the Bachelor of Education degree provides experience of the classroom and the role of the teacher.

100% Employment

As a result of ATU Connemara's reputation and award-winning students, graduates are highly sought after within industry and boast an exceptional 100% record of employment upon graduation.

AU683 | Level 8 | Bachelor of Science (Honours)
AU583 | Level 7 | Bachelor of Science

Furniture Design, Making and Technology (Common Entry)

Degree Award Options:

- Furniture Design and Manufacture
- Furniture Making and Architectural Woodworking

These programmes are designed for those interested in pursuing an exciting career in the furniture and wood manufacturing industry. Students first develop skills in a wide range of furniture manufacturing techniques and computer-aided design software. In the second year, students choose their preferred degree option. In the third year, a year-long work placement is undertaken in a company in Ireland or overseas. In Year 4, students further develop their technical, research and management expertise to allow them to pursue management roles within the furniture industry.

atu.ie/AU683
atu.ie/AU583

- 3/4 Years
- **CAO POINTS** 388 (Level 8 2023) 336 (Level 7 2023)
- Minimum Entry Requirements
- 40 Places
- Work Placement
- Erasmus+
- Dr Kate Dunne Programme Chair kate.dunne@atu.ie

Special Features

All students undertake a common first year before deciding which degree option to take. Subjects are designed to provide students with an introduction to furniture design and making techniques, materials, and equipment.

Career Opportunities

Currently there is 100% graduate employment for those wishing to enter the wood and furniture manufacturing industry following study in ATU Connemara. There is a very strong demand for our graduates who have a range of specific and transferrable skills which allows them to enter the segment of industry that most appeals to them, ranging from craft-based workshops to modern furniture manufacturers, both in Ireland and internationally.

What will I study?

Year 1

- Projects
- Manufacturing Skills
- Design Elements
- Computer-Aided Design
- Materials and Techniques
- Academic and Professional Skills

Year 2 +

Students choose and transfer into one of the following degrees:

- Furniture Design and Manufacture
- Furniture Making and Architectural Woodworking

Common Entry

In Year 1 the programme begins with an introduction to furniture design, making and technology and an exploration of each discipline.

Towards the end of Year 1, students will be given presentations about their options for their degree pathway in Year 2, they can meet with current students, have discussions with their lecturers, review their academic results and assess their suitability for each degree option.

Students then select their preferred pathway, subject to places being available, choosing a degree option in:

- Furniture Design and Manufacture or
- Furniture Making and Architectural Woodworking

AU681 | Level 8 | Bachelor of Science (Honours)

Furniture Design and Manufacture

This programme is for a student who likes to solve problems using creative techniques and is interested in learning a range of skills to design and make contemporary and innovative furniture products. Students get an opportunity to develop skills in both traditional and advanced manufacturing techniques and learn how to apply the design process from concept through to fully finished furniture projects. Initially focusing on hand and power tools, students acquire skills to utilise a range of woodworking machinery including CNC technology.

atu.ie/AU681

- 4 Years
- **CAO POINTS** 400 (Level 8 2023)
- Minimum Entry Requirements
- 20 Places
- Work Placement
- Erasmus+
- Jeremy Madden Programme Chair jeremy.madden@atu.ie

Special Features

Students take part in a year-long industry placement in Year 3 of this programme.

Career Opportunities

Currently, there is 100% graduate employment for those wishing to enter the wood and furniture manufacturing industry following study in ATU Connemara. There is a strong demand for our graduates who have a range of specific and transferrable skills which allows them to enter the segment of the industry that most appeals to them, ranging from craft-based workshops to modern furniture manufacturers, both in Ireland and internationally.

Further Study Options

Level 8 qualification from this programme is recognised worldwide for postgraduate entry. Many of our graduates have progressed on to do their masters by research, a masters in design innovation or similar and also for those who wish to teach, a Professional Master of Education (PME).

Common Entry

Students can choose this programme directly or after completing Year 1 of the Common Entry route through AU683 for Level 8 or AU583 for Level 7, subject to places being available.

What will I study?

Year 1

- Projects
- Manufacturing Skills
- Design Elements
- Computer-Aided Design (CAD)
- Materials and Techniques
- Academic and Professional Skills

Year 2

- Design and Manufacture Projects
- Design Elements
- Manufacturing Skills
- Computer Aided Design
- Advanced Materials and Sustainability
- Business Environment
- Applied Science and Testing

Year 3

- Industry Placement (one year)
- Computer Aided Design and Manufacture
- Product Development and Marketing

Year 4

- Advanced CAD and BIM
- Commercial Design
- Project Management
- Professional Design Practice
- Entrepreneurship and Professional Skills

AU682 | Level 8 | Bachelor of Science (Honours)

Furniture Making and Architectural Woodworking

This degree is for students who enjoys woodworking and wish to pursue a professional career in furniture making, architectural joinery, or wood manufacturing industries. Through structured projects, students develop skills and knowledge to enable them to make furniture, architectural joinery and wood products to the highest standards using a range of traditional and advanced manufacturing technologies. The programme integrates the use of a wide range of CAD/CAM software and equipment and introduces metalworking and upholstery techniques. A complementary set of professional skills are key elements of student learning.

atu.ie/AU682

🕐 4 Years

CAO POINTS 382 (Level 8 2023)

📋 Minimum Entry Requirements

👥 20 Places

📄 Work Placement

🔵 Erasmus+

✉️ Seán Garvey Programme Chair sean.garvey@atu.ie

Special Features

Students take part in a year-long industry placement in Year 3 of this programme.

Career Opportunities

Currently, there is 100% graduate employment for those wishing to enter the wood and furniture manufacturing industry following study in ATU Connemara. There is a strong demand for our graduates who have a range of specific and transferrable skills which allows them to enter the segment of the industry that most appeals to them, ranging from craft-based workshops to modern furniture manufacturers, both in Ireland and internationally.

What will I study?

Year 1
- Projects
- Manufacturing Skills
- Design Elements
- Computer-Aided Design
- Materials and Techniques
- Academic and Professional Skills

Year 2
- Maker Projects
- Joinery and Panel Processing,
- Metal Skills and Upholstery
- Manufacturing Skills
- Computer-Aided Design
- Business Environment
- Applied Science and Testing

Year 3
- Industry Placement (one year)
- Computer-Aided Design and Manufacture
- Enterprise Operations

Year 4
- Advanced CAD and BIM
- Manufacturing Management
- Project Management
- Professional Maker Practice
- Entrepreneurship and
- Professional Skills

Further Study Options

Level 8 qualification from this programme is recognised worldwide for postgraduate entry. Many of our graduates have progressed on to do their masters by research, a masters in design innovation or similar and also for those who wish to teach, a Professional Master of Education (PME).

Common Entry

Students can choose this programme directly or after completing Year 1 of the Common Entry route through AU683 for Level 8 or AU583 for Level 7, subject to places being available.

Isabel Robinson

BSc (Hons) in Furniture Design and Manufacture

As a second-year mature student in the BSc Furniture Design and Manufacture programme, I bring a background in Fine Art (BA Hons) and a FETAC Level 5 in Furniture Design and Making. My passion is transforming design concepts into functional furniture. ATU Connemara's comprehensive curriculum covers hand tool use, CAD, and all stages in between, with a vibrant student life in a picturesque setting.

This year, we designed outdoor public furniture for Clifden using sustainably sourced tropical hardwood from Brazil. My project, part of "Connecting Communities," was one of four winners. This award allows me to visit Guatemala to learn about sustainable tropical forestry, enhancing my commitment to sustainable design practices. Post-graduation, I aspire to a career in design development.

AU680 | Level 8 | Bachelor of Science (Honours)

Education
(Design, Graphics and Construction)

This teacher education programme enables graduates to teach both Construction Studies and Design & Communication Graphics (DCG) in Irish post-primary schools. Students will develop their creative and technical skills and learn to apply emerging technologies to enable them to master these subjects. Education theory and practice of teaching are core elements of the programme, and students develop their teaching skills during their placement in supportive and inclusive school environments. Year 1 and 2 are delivered at ATU Connemara in Letterfrack and Year 3 and 4 are delivered at ATU Galway City, Wellpark Road.

atu.ie/AU680

🕐 4 Years

CAO POINTS 400 (Level 8 2023)

📋 Minimum Entry Requirements PLUS
- H5 in DCG or Construction Studies
- Garda Vetting
- Fitness to Practice

👥 36 Places

📇 Work Placement

✉️ Kevin Maye
Programme Chair
Kevin.maye@atu.ie

Special Features

Teachers make a real impact on young peoples' lives and a career in teaching is highly stimulating and rewarding. Construction Studies and DCG are highly creative and technological subjects. The teacher plays an important role in nurturing students' interest and passion for learning in these areas. Learning on this programme is combined with practical skill-based assignments, educational theory and professional practice, providing a rich and varied learning experience for students.

Career Opportunities

Graduates of this course will be qualified to teach Construction Studies and Design and Communication Graphics in second-level schools to senior cycle honours level. They can also teach Graphics and Wood Technology at Junior Cycle level. Graduates will also have a suite of skills that are highly sought-after in other fields of work including construction, design, 3D modelling and visual and graphic communication.

Further Study Options

On completion of this course, graduates can apply for post-graduate programmes in related areas.

Did You Know?

First-year students must purchase tools, safety and design kits upon registering for this course which is sourced and specified by ATU (contact connemara.galwaymayo @atu.ie for more details)
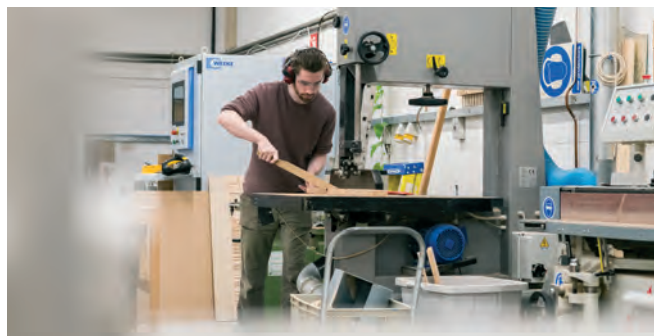
What will I study?

Year 1
- Academic and Professional Skills
- Design Process
- Projects
- Manufacturing Skills
- Technical Graphics
- School Placement (one week)
- Materials and Technique

Year 2
- Graphics and Computer Applications
- Education Projects
- Manufacturing Skills
- Design Process
- Applied Technology
- Theory of Teaching and Learning
- School Placement 2 (three weeks)

Year 3
- Architectural Design
- School Placement 3 (one semester)
- Curriculum and Assessment
- Education for Inclusivity and Diversity
- Education Studies
- Education Projects
- Applied Graphics

Year 4
- School Placement 4 (one semester)
- Advanced Graphics
- Professional Studies
- Building Services and Technology
- Practitioner Research

Seán Kelly
BSc (Hons) in Education (Design, Graphics and Construction)

Coming from an apprenticeship in Joinery, I found the transition to my current course easy due to my previous college experience. Being involved in scouting since a young age, I have always been passionate about teaching and learning new skills. This passion, combined with my apprenticeship, inspired me to pass on these skills to future generations, leading me to choose this teacher education course at ATU.

I particularly enjoy the course's practical aspects, such as experimenting with new materials and learning new skills. Student life at ATU is vibrant, offering many opportunities for those willing to engage. ATU has provided me with solid practical knowledge of my subjects and equipped me with the leadership skills and confidence to effectively share my knowledge with a class.

ATU
Mayo

OTA Maigh Eo

Located in Castlebar, ATU Mayo is a responsive and dynamic campus with a population of approximately 1,000 students. We offer undergraduate programmes in health, well-being and society, in addition to a range of part-time, online and postgraduate courses.

Campus Buildings

Since opening in the west wing of St Mary's Hospital in 1994, the entire building has been sensitively restored to retain as much of its original architecture as possible, whilst also providing the modern facilities and services required for our students to prosper. State-of-the-art learning facilities include a nursing clinical skills lab, sensory room, heritage lab, computer labs and library.

Practical Learning

Our undergraduate programmes have a strong practical ethos and aim to strike a balance between theory and practice. One of our key strengths lies in our smaller class sizes, providing a personal one-to-one approach to learning.

Academics

Our expert academic staff offer innovative approaches to teaching and learning that will support students to achieve their very best. Programme content and work placements ensure graduates are equipped for the challenges and opportunities of the modern workplace.

Green Campus

In 2011, ATU Mayo was awarded the Green Flag by An Taisce on behalf of the Foundation for Environmental Education (FEE). Initiatives include the development of a sanctuary garden on campus, a forest walk, native tree planting and a "Save our Swifts" project.

AU696 | Level 8 | Bachelor of Arts (Honours)
AU593 | Level 7 | Bachelor of Arts

Applied Social Care

Social care work in Ireland, now regulated by CORU, is a rewarding and impactful profession. Students in this field develop critical thinking, understand human interactions, and respond professionally to social care needs. Graduates gain insight into inequality and its effects on social justice and human rights, acquiring skills to empower and support vulnerable and oppressed individuals and groups.

atu.ie/AU696
atu.ie/AU593

🕐 3/4 Years

CAO POINTS 307 (Level 8 2023)
251 (Level 7 2023)

Minimum Entry Requirements

60 Places

Work Placement

✉ Dr Jarka Velartova
Programme Director
jarka.velartova@atu.ie

Dr Mark Garavan
Programme Chair
mark.garavan@atu.ie

Special Features

Our small class sizes help enrich students' understanding of what is involved in an authentic and therapeutic relationship driven by a person-centred approach toward care.

Career Opportunities

This programme prepares students for professional social care employment. As CORU registered social care workers, graduates are in high demand across various sectors. They pursue careers as social care workers, leaders, and managers in public, private, community, and voluntary sectors, working with children, older adults, people with disabilities, and other marginalised groups. Employment opportunities include roles in addiction services, mental health recovery, residential services, and advocacy.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Graduates can progress to Master's and postgraduate programs in various fields, including social work, social care, health care, teaching, occupational therapy, and human rights. They may also pursue a Level 10 PhD Doctorate in research.

Did You Know?

In First Year, students join the Learning Together Project, collaborating with individuals who have disabilities in lectures and activities. The programme also features personalised guest lectures by experts, including social care providers and those with lived experience, enhancing the educational experience.

Professional Accreditation

This degree has been approved by CORU. Successful graduates can register with CORU under the protected title Social Care Worker.

What will I study?

Year 1

- Academic and Professional Skills
- PC Applications
- Introduction to Social Care
- Exploring Values
- Introduction to Sociology
- Introduction to Psychology
- Legal Frameworks for Social Care
- Reflective Personal Development
- Group Activities for Social Care Practitioners
- Professional Practice and Communication Skills in Applied Social Care
- Creativity in Social Care
- Computer Applications

Year 2

- Professional Practice 1 (12-Week Block)
- Social Care Theory and Practice
- Applied Social Theory
- Advocacy in Social Care
- Introduction to Health Promotion
- Philosophy of the Self

Year 3

- Professional Practice 2 (14-Week Block)
- Preparation for Social Care Practice
- Pedagogical Practice and Social Care
- Regulatory Framework
- Developmental Psychology
- Social Research and Evaluation Methods
- Professional Practice and Communication
- Skills 2 in Applied Social Care

Year 4 (Level 8)

- Social Theory
- Ethics for Social Care
- Relationships in Social Care
- Health Promotion: Theory and Principles
- Human Rights
- Child Care
- Contemporary Issues in Mental Health Recovery
- Addiction and Care
- Arts-Based Community Development

Additional elective modules are available

Christina McGuinness

BA (Hons) in Applied Social Care

After completing a FETAC Level 5 Social Studies Course at Mayo College of Further Education, I applied for the BA in Applied Social Care. As a mature student, returning to education felt daunting, but the support from lecturers and staff eased my anxieties.

There are so many more aspects to Social Care that I hadn't considered. The understanding and approachable lecturers facilitate you as best they can once you communicate with them.

I've enjoyed the professional practice work placements, and the modules I studied have equipped me to care for others while also looking after myself. After graduating, I hope to support young people, and help them with any issues they feel are affecting them.

AU694 | Level 8 | Bachelor of Arts (Honours)
AU591 | Level 7 | Bachelor of Arts

History and Geography

These programmes provide top-quality teaching and will appeal to those with an interest in history, geography, archaeology or wildlife. They provide graduates with a range of transferable skills in digital media, mapping and communications that are valued by employers. Students will learn in the classroom, in our customised lab, through practical sessions and field trips. They also have the opportunity to undertake work experience with a relevant host organisation.

atu.ie/AU694
atu.ie/AU591

🕐 3/4 Years

CAO POINTS 280 (Level 8 2023)
319 (Level 7 2023)

Minimum Entry Requirements

24 Places

Work Placement

Dr Fiona White
Programme Chair
fiona.white@atu.ie

Special Features

Field trips are an important part of the student experience, taking learning into the landscape to reinforce classroom activities. Students will have the opportunity to visit a range of sites of historical, archaeological and geographical importance as part of their studies.

Career Opportunities

Graduates may become secondary school teachers (subject to completing the Professional Master of Education). Graduates have found employment as arts administrators, museum curators and education officers, in conservation and research posts in environmental agencies. Graduates have also pursued careers in archaeology, family history and genealogy centres, libraries, civil service, tourism, and established their own businesses.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8.

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Graduates have progressed to postgraduate study at masters and doctoral level in areas including history, archaeology, rural development, architectural conservation, arts management, and GIS.

What will I study?

Year 1
- Irish History
- Folklore and Folklife
- Society and Environment
- Earth Science
- PC Applications
- Learning and Innovation Skills

Year 2
- Local History
- Archaeology
- Natural Environment
- Rural Development
- Genealogy
- Digital Media
- Work Experience

Year 3
- European History
- Ecology
- Tourism
- Built Environment
- Research Methods
- Digital Mapping

Year 4 (Level 8)
- European History
- Geographical Information Systems
- Imagining Ireland
- Archaeology
- Modernism
- Dissertation
- Environmental Management and Sustainability
- Heritage Tourism.

Additional elective modules, including languages, are available

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AU699 | Level 8 | Bachelor of Arts (Honours)

Outdoor and Environmental Education (Common Entry)

Degree Award Options:
- Outdoor Education
- Outdoor Education and Therapeutic Applications
- Geography and Outdoor Education

These degree programmes have award options in Outdoor Education (general), Outdoor Education with Therapeutic Applications and Outdoor Education with Geography. These degrees provide a distinctive mix of academic study and adventure sports training. Students delve into outdoor education's therapeutic, developmental, and educational facets, alongside learning about Ireland's natural and cultural landscape, health, fitness, group facilitation, recreation management, teaching, and psychology. Weekly adventure sports sessions in Mayo's mountains and coastline lead to National Governing Body Adventure Sports leadership qualifications.

atu.ie/AU699

🕐 4 Years

CAO POINTS NEW Programme

Minimum Entry Requirements **PLUS**
- Ability to swim 50m to take part in water sport activities

24 Places

Work Placement

Erasmus+

Orla Prendergast
Programme Chair
orla.prendergast@atu.ie

Special Features

Students undertake weekly field trips and practical work to build a deep connection with nature and the local landscape. The programme offers elective modules specialising in the therapeutic health benefits of nature and adventure.

Career Opportunities

The Outdoor Education programmes meet the demand for professionals in outdoor education centers, forest schools, nature kindergartens, adventure therapy, environmental education, eco-tourism, and outdoor recreation and resource management.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

ATU run a Masters in Outdoor Education, Sustainability and Wellbeing. Graduates can also apply for master's programmes ranging from environmental science, counselling, rural and community development, youth work, geographical information systems and sustainability.

Did You Know?

Study abroad options at Western Carolina University, USA, offers a year of Parks and Recreation studies in the Appalachian Mountains. Exciting adventure sports opportunities include Whitewater kayaking.

What will I study?

Year 1
- Adventure Activities Personal Skills
- Earth Processes
- Understanding the Human Body
- Health and Fitness
- Communications and Professional Development
- Information Technology
- Learning and Innovation Skills
- Introduction to Psychology and Sociology (E)

Year 2
- Adventure Activities Learning to Lead
- Emergency Procedures
- Risk Management
- Facilitation and Leadership
- Nature in Ireland
- Work Experience (1 month)
- Health Promotion (E)
- Exploring Values (E)

Year 3
- Adventure Activities Leading Outdoor
- Education and Teaching
- Outdoor Development Training
- Advanced Emergency Procedures
- Developmental Psychology
- Ecology
- Agency, Community and Sustainability
- Irish Cultural Landscape
- Social, Community and Therapeutic Gardening (E)

Year 4
- Experiential Education Expeditions
- Experiential Learning
- Coaching and Performance in Sport
- Applied Sociology
- Dissertation
- Environment Management and Sustainability
- Therapeutic Applications of Adventure (E)
- Contemporary Issues in Mental Health Recovery (E)

Additional elective modules, including languages, are available

Quick Fact

Erasmus+ exchanges are also available with University of Galva in Sweden and two universities in Norway.

AU590 | Level 7 | Bachelor of Arts

Outdoor Education

This degree combines an exciting mix of academic study and adventure sports skills training. Students will build an understanding of the therapeutic, developmental, and educational role of outdoor education and students will study the Irish natural and cultural landscape, health and fitness, group facilitation, recreation management as well as teaching and psychology. One day a week is spent on adventure sports practical's in Achill, Connemara, and Wild Nephin National Park.

atu.ie/AU590

- 3 Years
- CAO POINTS: 195 (Level 7 2023)
- Minimum Entry Requirements PLUS
  - Ability to swim 50m to take part in water sport activities
- 24 Places
- Work Placement
- Erasmus+
- Orla Prendergast Programme Chair orla.prendergast@atu.ie

Special Features

Students undertake weekly field trips and practical work outside the classroom. Building a deep connection with nature and the local landscape are key themes on the programme.

Elective modules allow a specialisation that focuses on the therapeutic health benefits of nature and adventure in Level 8 qualifications.

Career Opportunities

Graduates find employment as instructors in both adventure and outdoor education centres, and other organisations offering adventure sports as part of their programmes. The Outdoor Education programmes respond to the increasing demand for professionals in forest schools, nature kindergartens, adventure and nature therapy, environmental education, ecotourism and natural resource management.

Common Entry

Students can choose this programme directly, or after completing Year 1 of the Common Entry route through AU699 for Level 8 subject to places being available.

The selection of module option over the years of study allows award options in Outdoor Education (general), Outdoor Education with Therapeutic Applications and Outdoor Education with Geography.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8 in Outdoor Education (Common Entry) with Outdoor Education (general), Outdoor Education with Therapeutic Applications and Outdoor Education with Geography, dependant on electives chosen.

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

What will I study?

Year 1
- Adventure Activities Personal Skills
- Earth Processes
- Understanding the Human Body
- Health and Fitness
- Communications and Professional Development
- Information Technology
- Learning and Innovation Skills

Year 2
- Adventure Activities Learning to Lead
- Emergency Procedures
- Risk Management
- Facilitation and Leadership
- Nature in Ireland
- Work Experience (Semester 2 - 1 month)

Year 3
- Adventure Activities Leading Outdoor
- Education and Teaching
- Outdoor Development Training
- Advanced Emergency Procedures
- Developmental Psychology
- Ecology
- Agency, Community and Sustainability
- Irish Cultural Landscape

Additional elective modules, including languages, are available

Did You Know?

Study abroad opportunities include Western Carolina University, USA, for Parks and Recreation, and Erasmus+ exchanges with the University of Gävle in Sweden and two universities in Norway, all offering excellent adventure sports and educational experiences.

Quick Fact

Students gain a range of National Governing Body Adventure Sports leadership qualifications.

AU693 | Level 8 | Bachelor of Arts (Honours)

Geography and Outdoor Education

Students engage in field trips and practical work outside the classroom. Mayo's mountains and the wild Atlantic coast provide an ideal setting for fieldwork. One day a week is dedicated to developing leadership skills in adventure sports. Key course themes include fostering a deep connection with nature and the local landscape.

atu.ie/AU693

- 4 Years
- CAO POINTS: 290 (Level 8 2023)
- Minimum Entry Requirements PLUS
  - Ability to swim 50m to take part in water sport activities
- 24 Places
- Work Placement
- Orla Prendergast Programme Chair orla.prendergast@atu.ie

Special Features

Students engage in field trips and practical work outside the classroom. Mayo's mountains and the wild Atlantic coast provide an ideal setting for fieldwork. One day a week is dedicated to developing leadership skills in adventure sports. Key course themes include fostering a deep connection with nature and the local landscape.

Common Entry

Students can choose this programme directly or after completing Year 1 of the Common Entry route through AU699 for Level 8 or AU590 for Level 7, subject to places being available.

Career Opportunities

Graduates can pursue careers in environmental management, nature conservation, geographical information systems, countryside recreation, trail design, rural and community development, environmental education, and eco/adventure tourism.

The therapeutic, educational, and developmental aspects of outdoor education are well recognised within many sectors in Ireland, such as schools, youth organisations and social care settings.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Graduates may progress to the Professional Master of Education to teach geography at second level.

Graduates can also apply for masters' courses ranging from environmental science, rural and community development, geographical information systems, sustainability, philosophy, and youth work. In addition, ATU offers a MSc in Experiential Outdoor Education, Nature, and Well-Being.

Did You Know?

Students can study Parks and Recreation for a year at Western Carolina University, USA, in the Appalachian Mountains. They can also spend a semester studying Arctic Ecology at the University of Gävle, Sweden, and participate in exchanges with two universities in Norway.

What will I study?

Year 1
- Adventure Activities: Personal Skills
- Earth Processes
- Geographies of Rural Development
- Communications
- Health and Fitness
- Understanding the Human Body
- Information Technology

Year 2
- Nature in Ireland
- Adventure Activities: Learning to Lead
- Society and Environment
- Leadership and Facilitation
- Risk Management
- Emergency Procedures and Water Safety
- Work Experience

Year 3
- Adventure Activities: Leading in the Outdoors
- Ecology
- Digital Mapping
- Sustainable Tourism
- Community, Agency and Sustainability
- Advanced Emergency Skills
- Outdoor Education: Theory and Practice
- Irish Cultural Landscape
- Developmental Psychology

Year 4
- Experiential Learning
- Coaching and Performance Enhancement
- Expedition Planning and Facilitation
- Environmental Management and Conservation
- Geographical Information Systems
- Imagining Ireland
- Human Geography: Society and Space
- Research Methods and Dissertation

Additional elective modules are available.

Tírna Connors

BSc (Hons) in General Nursing

From a young age I knew I wanted to be a nurse. I didn't necessarily think of moving so far from home in Waterford, but getting my course in ATU Mayo has been a blessing in disguise. The transition from Leaving Cert to university was initially challenging, but student supports, and friendly lecturers made it easier.

In my second year, I fully embraced all ATU has to offer. Engaging classes and on-campus resources helped me immerse myself in both academic and social life. The small campus fosters a warm, inclusive atmosphere where everyone knows each other by name. The hands-on coursework and clinical rotations sharpen our skills and enable us to make a real difference in patients' lives.

AU690 | Level 8 | Bachelor of Science (Honours)

General Nursing

The BSc (Hons) in General Nursing programme offers an opportunity to study to become a general nurse, exploring core fundamentals of nursing whilst also experiencing some specialities. The programme is supported by clinical skills laboratories where students can avail of taught sessions and consolidate their learning with practice. All clinical areas are supported by a link lecturer and students are also supported on clinical placement with a named preceptor. All places are offered subject to Garda Clearance and Occupational Health Clearance.

atu.ie/AU690

4 Years

CAO POINTS 350 (Level 8 2023)

Minimum Entry Requirements PLUS
- A laboratory science subject (Biology, Chemistry,Physics), Physics and Chemistry (joint), or Agricultural Science is required.
- Garda Vetting
- Health Screening

48 Places

Work Placement

Christina Larkin
Programme Chair
christina.larkin@atu.ie

Special Features

There are clinical placements throughout the four years of the programme. In Year 4 students will undertake a 36-week paid internship, giving valuable experience and preparing students for their role as a registered nurse. It also incorporates allocated hours for reflection.

Career Opportunities

Graduates will be qualified to work in many health and community settings, acute hospital settings, community care and residential settings. Students may further their studies within a specialist area.

Further study opportunities within ATU are currently available in the following areas: MSc in Palliative and End of Life Care, MSc in Quality and Safety in Healthcare or MSc in Quality and Safety in Social Care.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The Nursing and Midwifery Board of Ireland (NMBI) provide a lot of information for potential applicants on its website. Check out the information booklet "Nursing, A Career For You", a link is available from our programme webpage at atu.ie/AU690.

Quick Fact

We reserve up to 5% of places for QQI/FET award holders.

Professional Accreditation

Bord Altranais agus Cnáimhseachais na hÉireann
Nursing and Midwifery
Board of Ireland

What will I study?

Year 1
- The Nature of Nursing
- Fundamental Nursing Knowledge and Skills
- Self-development and Interpersonal Skills
- Applied Social Science Perspectives on the Human Person
- Biological Science for Fundamental Nursing Knowledge and Skills
- Learning and Innovation Skills
- Practice Placement 1

Year 2
- Integrated Community Care
- Sociology Applied to Nursing and Healthcare
- Nursing Research and Informatics
- Psychology and its Application to Nursing
- Biological Science for Nursing the Adult with Major Illness
- Nursing Care of the Adult with Major Illness
- Practice Placement 2

Year 3
- Acute Presentations in Nursing Practice
- Oncology, End of Life and Palliative Care
- Person-Centred Care
- Philosophy and Ethics: Theory and Application
- Legal and Accountable Nursing Practice
- Enquiry in Nursing practice
- Promoting Health
- Practice Placement 3

Year 4
- Clinical practice and Patient Safety
- Development of Management and Interpersonal Skills
- Quality and Patient Safety in Nursing
- Professional Practice in Health Care
- Change and Education in Nursing Practice
- Research Skills in Nursing practice
- Internship (36- week paid placement)

Additional elective modules are available

AU691 | Level 8 | Bachelor of Science (Honours)

Mental Health Nursing

This four-year BSc (Hons) in Mental Health Nursing is offered in conjunction with Health Service Partners West and the Nursing & Midwifery Board of Ireland (NMBI) in the response to the changing mental health needs of the Irish population. The role of the mental health nurse is to foster the health and well-being of individuals experiencing changes in their mental health status. All places are offered on this programme subject to satisfactory Garda vetting clearance and health screening.

atu.ie/AU691

🕐 4 Years

CAO POINTS 261 (Level 8 2023)

Minimum Entry Requirements PLUS
- A laboratory science subject (Biology, Chemistry, Physics), Physics and Chemistry (joint), or Agricultural Science is required.
- Garda Vetting
- Health Screening

👥 26 Places

📄 Work Placement

✉ Mark Johnston Programme Chair mark.johnston@atu.ie

Special Features

There are clinical placements throughout the four years of the programme. In Year 4 students will undertake a 36-week paid internship, giving valuable experience and preparing students for their role as a registered nurse.

Career Opportunities

Successful completion of the course and registration as a mental health nurse with NMBI is nationally and internationally recognised. Due to the evolving role of the mental health nurse in modern mental health care systems, many nurses now choose to specialise in areas including addictions, forensic care and child and adolescent mental health services. Nursing graduates may seek promotional opportunities in clinical practice, management, education and research.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The Nursing and Midwifery Board of Ireland (NMBI) provide a lot of information for potential applicants on its website. Check out the information booklet "Nursing, A Career For You", a link is available from our programme webpage at atu.ie/AU690.

Quick Fact

We reserve up to 5% of places for QQI/FET award holders.

Professional Accreditation

What will I study?

Year 1
- The Nature of Nursing
- Mental Health Nursing Practice Studies 1
- Psychosocial Approaches in Mental Health Care
- Learning and Innovation Skills
- Biological Science for Fundamental Nursing Knowledge and Skills
- Personal Professional Development for Mental Health Nursing 1
- Sociological Perspectives on the Human Person
- Practice Placement

Year 2
- Mental Health Nursing Practice Studies 2
- Nursing Research and Informatics
- Psychology and its Application to Nursing
- Biology in Mental Illness
- Sociology Applied to Nursing and Healthcare
- Personal and Professional Development for Mental Health Nursing 2
- Practice Placement 2

Year 3
- Nursing Care of the Adult with a serious mental illness
- Mental Health Nursing Practice Studies
- Rights Based Practice and Ethics for Mental Health Nursing
- Enquiry in Nursing Practice
- Personal and Professional Development for Mental Health Nursing 3
- Practice Placement 3

Year 4
- Personal and Professional Development for Mental Health Nursing 4
- Mental Health Nursing Practice Studies 4
- Advanced Skills for Mental Health Nurses
- Internship (36- week paid placement)
- Quality and Patient Safety in Nursing
- Research Skills in Nursing Practice

Additional elective modules are available

AU698 | Level 8 | Bachelor of Science (Honours)

Psychology

This four-year Level 8 degree programme provides graduates with a broad and comprehensive foundation in Psychology—the study of human behaviour and the mind. You will examine a diversity of interesting topics at the core of psychological research, such as: conflict resolution, language learning, decision making, memory, addiction and recovery.

atu.ie/AU698

🕐 4 Years

CAO POINTS 357 (Level 8 2023)

Minimum Entry Requirements PLUS
- Garda Vetting

👥 28 Places

📄 Work Placement

✉ Dr Elaine Mc Hugh Programme Chair elaine.mchugh@atu.ie

Career Opportunities

The degree provides a strong foundation for further training as a professional psychologist in disciplines such as clinical psychology, counselling, educational psychology, sports psychology, and neuropsychology.

You will also be equipped with transferrable skills which can be used in a variety of people-focused careers (e.g., Human Resources, market research and media).

Further Study Options

Graduates from the programme may be able to apply for Masters programmes or conversion programmes in the subject of psychology, as well as other level 9 courses in related social science disciplines.

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

You will focus on psychology throughout the entirety of your degree, giving you a strong foundation that will pave the way for your future in the discipline.

Quick Fact

A major attribute of this programme is the work placement in Year 3, providing hands-on experience of the application of psychology.

In Year 4, students complete a research project in their chosen area of interest – integrating knowledge gained across the 4 years.

Professional Accreditation

Application for accreditation has been submitted to The Psychological Society of Ireland (PSI).

What will I study?

Year 1
- Academic and Professional Skills
- Psychology: An Introduction
- Introduction to Social Psychology
- Introduction to Research in Psychology
- Introduction to Individual Differences
- Foundations of Developmental Psychology
- Behaviour and Cognition

Year 2
- Cognitive Psychology
- Biological Psychology
- Individual Differences: Abnormal Psychology
- Developmental Psychology II: Middle Childhood
- Social Psychology: Psychology of Conflict
- Research Ethics
- Research Statistics
- Having Helpful Conversations

Year 3
- Cognitive Psychology
- Biological Psychology
- Individual Differences: Abnormal Psychology
- Developmental Psychology II: Middle Childhood
- Social Psychology: Psychology of Conflict
- Research Ethics
- Research Statistics
- Having Helpful Conversations

Year 4
- Individual Differences: Cross Cultural Psychology
- Cognitive Psychology: The Psychology of Consciousness
- Applied Health Psychology
- Individual Differences: Intelligence
- Psychological Approaches
- Applied Research Project

Additional elective modules are available

AU695 | Level 8 | Bachelor of Arts (Honours)

Early Childhood Education and Care

This degree provides experiences, knowledge and insights into early childhood education and care. Early childhood educators work with children from infancy to primary school. Our programme aims to develop well-informed, articulate professionals who are passionate about early childhood education and care. There is a strong focus on play and learning, the close relationship to nature and outdoor experiences and children's rights to participation. This firm academic foundation is cemented by a strong emphasis on the practical application of theory.

atu.ie/AU695

🕐 4 Years

CAO POINTS 280 (Level 8 2023)

📋 Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ QQI applicants with a Level 6 major award may be eligible for direct entry into Year 2 on Mayo and Galway City campuses.

👥 30 Places

📇 Work Placement

✉ Joanne Doherty
Programme Chair
joanne.doherty@atu.ie

Special Features

Students spend 12 hours weekly in practice placement, linking theory to practice with ongoing support from an experienced educator.

Career Opportunities

Graduates can pursue careers as early years practitioners, room leaders, or managers in ECEC settings, or as practitioners, team leaders, or managers in social care services. Research graduates may work as assistant researchers in agencies or academic institutions, while other opportunities exist in early years specialisation and with organisations like Better Start or government departments.

Further Study Options

ATU Honours Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The Level 8 award in Early Childhood Education and Care meets the requirements for Core Funding previously known as Higher Capitation funding by the Department of Children, Equality, Disability, Integration and Youth (DCEDIY).

*Applicants who hold a QQI Level 6 major award may be eligible for consideration to enter directly into the second year of the ECEC programme on the Mayo or Galway City campus. Applications for direct entry to the second year are by direct application. Visit atu.ie/apply for more information.

Quick Fact

This degree is officially recognised as meeting the Professional Award Criteria and Guidelines for Initial Professional Education (Level 8) degree Programme for the Early Learning and Care Sector in Ireland.

What will I study?

Year 1
- Academic and Professional skills
- Psychology and Child Development
- Importance of Play and Creativity
- Language, Literacy and Numeracy
- Building and Managing Interpersonal Relationships
- Exploring Curriculum
- Pedagogy
- Learning and Innovation Skills
- Health, Safety and Wellbeing
- Practice Development 1 – Quality and Practice

Year 2
- Early Childhood Law
- Supporting Enquiry with Children
- Sociological Discourses
- Childhood Development and Learning (under threes)
- Reframing Disabilities and Inclusive Practice
- Diversity and Equality
- Research with Children
- Learning Environments
- Practice Development 2 – Quality and Practice

Year 3
- Leadership and Governance
- Trends in Early Childhood Education and Care
- Introduction to Business Management
- Transitions in Early Childhood Education and Care
- Family-Centred Practice and Supports
- Outdoor Play
- Employment Law
- Practice Development 3

Year 4
- Professional Relationships in Early Childhood Education and Care
- Business Management for the Early Year's Leader
- Reflective Practice
- Innovative Practices in Creativity
- Critical Perspectives on Neurodiversity
- Nature and Place
- Digital Technology and Digital Childhoods
- Practice Development 4 – Supervision and Mentoring

Additional elective modules are available

AU491 | Level 6 | Higher Certificate in Arts

Early Childhood Education and Care

This programme offers first-hand experiences, knowledge, and perspectives in early childhood education and care, preparing individuals to work with children from infancy to primary school age. It cultivates passionate professionals committed to early childhood education. Emphasising the importance of play, learning, nature, outdoor activities, and children's rights, the programme balances a solid academic foundation with practical application of theoretical concepts. Our approach ensures graduates are well-equipped to foster a close connection with nature and actively support children's development and participation.

atu.ie/AU491

🕐 2 Years

CAO POINTS 182 (Level 6 2023)

📋 Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ QQI applicants with a Level 6 major award may be eligible for direct entry into Year 2.

👥 30 Places

📇 Work Placement

✉ Joanne Doherty
Programme Chair
joanne.doherty@atu.ie

Special Features

Students will spend 12 hours weekly in practice placement in order to provide them with an opportunity to link theory to practice. Students receive ongoing support through placement by an experienced educator.

Career Opportunities

This Higher Certificate (Level 6) is designed to provide learners with a specialised education in early childhood education and care as a basis for a professional career in the field and as a basis for further academic and professional education.

Further Study Options

Following successful completion of Year 2 in the Higher Certificate in Early Childhood Education and Care Level 6, students can apply internally for Year 3 of the Level 7 programme. Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8.

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Opportunities also exist for further education at master's level to pursue careers in research, psychology, speech and language therapy, and primary teaching among others.

Did You Know?

Applicants who hold a QQI Level 6 major award may be eligible for consideration to enter directly into the second year of the ECEC programme on the Mayo or Galway City campus. Applications for direct entry to the second year are by direct application. Visit atu.ie/apply for more information.

What will I study?

Year 1
- Academic and Professional skills
- Psychology and Child Development
- Importance of Play and Creativity
- Language, Literacy and Numeracy
- Building and Managing Interpersonal Relationships
- Exploring Curriculum
- Pedagogy in Early Childhood Education and Care
- Learning and Innovation Skills
- Health, Safety and Wellbeing
- Practice Development 1 – Quality and Practice

Year 2
- Early Childhood Law
- Supporting Enquiry with Children to Enact the Curriculum
- Sociological Discourses in Early Childhood Education and Care
- Reframing Disabilities and Inclusive Practice
- Childhood Development and Learning (under threes)
- Diversity and Equality
- Research with Children
- Learning Environments
- Practice Development 2 – Quality and Practice

Additional elective modules are available

ATU
Mountbellew

OTA An Creagán

Agriculture, food and environmental management are some of Ireland's key industries. ATU Mountbellew is one of Ireland's leading educational institutes offering undergraduate programmes in conjunction with ATU Galway City in agri-business, agri-engineering and agri-science. We provide the knowledge, practical experience and expertise to produce outstanding graduates in these areas.

Farm Facilities

With a total area of 120 hectares, students will benefit from practical, hands-on experience gained on our working farm. We have a 90-cow high EBI Holstein Friesian dairy herd, a 30 suckler cow unit with a dairy calf to beef enterprise, a 180-ewe sheep flock and 20 hectares of forestry.

Farm facilities such as a milking parlour, grain store, sheep and cattle housing facilities, and handling facilities means students gain first-hand experience of the modern forms of equipment they can expect to encounter in their future careers.

State-of-the-Art Labs

Internally, our campus has recently seen investment in a state-of-the-art CAD lab, a hydraulics lab, and an engineering lab. Smaller class sizes mean that our lecturers can engage with students on a one-to-one basis.

Multi-Campus Experience

Agri-business and Agri- science students are based at ATU Mountbellew for the first two years and attend ATU Galway City on selected days per week. Students mainly spend Year 3 and Year 4 at ATU Galway City. Agri- engineering students are based in the ATU Galway City campus and attend ATU Mountbellew for scheduled classes there. Bus transportation is provided to and from the campuses for the classes scheduled.

Placements and Careers

All our programmes offer work placement, meaning students have the perfect opportunity to gain industry experience and transfer their knowledge and skills to everyday life. Graduates have a diverse range of skills allowing them to pursue varied career paths in the agri industry.

Claire Daly

BBus in Rural Enterprise and Agri-Business

Initially considering accounting, my upbringing on a dairy and beef farm in Laois led me to a course blending business with agriculture at ATU Mountbellew. University life required more independence, but ATU's supportive atmosphere at both campuses eased the transition. Spending most days in Mountbellew and commuting weekly to ATU Galway (Dublin Road) fostered strong class bonds and friendships.

The course was enriching, offering practical experiences from digital business projects to farm-based learning. Student life was vibrant, with diverse learning and social opportunities across campuses. Completing my industry placement at Stradbally Town and Country and now working at FTMTA, the national trade body of the Irish Farm Machinery Industry, underscores how ATU prepared me for a career bridging agriculture and business.

AU606 | Level 8 | Bachelor of Business (Honours)
AU506 | Level 7 | Bachelor of Business

Rural Enterprise and Agri-Business

Agriculture, food production and environmental management are just a few of Ireland's key industries. Obtaining a degree in this area opens up a host of career options. This programme will enable the learner to improve their knowledge and understanding of general business and to develop business skills, particularly as they apply to the rural enterprise and agri-business sector.

atu.ie/AU606
atu.ie/AU506

3/4 Years

CAO POINTS 300 (Level 8 2023)
243 (Level 7 2023)

Minimum Entry Requirements

20 Places

Work Placement

Micheal Gill
Head of Department
michael.gill@atu.ie

Dr Edna Curley
Head of Centre,
Mountbellew
mac@atu.ie

Special Features

Year 1 of the programme is common with the Bachelor of Science in Agriculture and Environmental Management. At the end of Year 1, students can choose whether they wish to pursue the Bachelor of Business in Rural Enterprise and Agri-Business or the Bachelor of Science in Agriculture and Environmental Management.

Career Opportunities

Graduates are well prepared to operate in a variety of managerial and administrative positions in rural and agri enterprises, or to become self-employed. Graduates can progress to a variety of work in agri-business and agricultural services, for example, in marketing, information processing, administration and management posts; as well as various employment opportunities in rural development.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 for the Level 8 programme.

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Students mainly reside at Mountbellew for the first two years of this course. Years 3 and 4 are spent mainly at the ATU Galway City, Dublin Road campus.

Quick Fact

The Level 7 and Level 8 programmes meet the educational requirements for 'Trained Farmer' status for the purpose of farm inheritance, grant aids and tax exemptions.

Common Entry

Year 1 of the programme is common with the Bachelor of Science in Agriculture and Environmental Management (AU657/ AU557).

What will I study?

Year 1

- Plant and Animal Science
- Animal & Crop Production Science
- Financial and Farm Accounting
- Introduction to Chemistry
- Academic and Professional Skills
- Computer Applications
- Soil Science
- Mathematics and Statistics
- Macroeconomics
- Farm Safety
- Agronomy and Animal Husbandry

Year 2

- Management Information Systems
- Principles of Marketing
- Management Accounting
- Organic Agriculture
- Soil and Analytical Chemistry
- Advanced Dairy Production
- Agricultural Economics
- Advanced Drystock Production
- Animal and Plant Science: Field and Lab
- Industry Placement (six weeks)

Year 3

- New Venture Creation
- Digital Business
- Financial Management and Taxation
- Rural Development and Agricultural Policy
- Advanced Farm Planning and Management
- New Venture Planning
- Advanced Grassland Management
- Sustainable Agriculture
- Agri Marketing Management
- Business Communications and Negotiations
- Market Research
- Climate Change Adaptation and Mitigation

Year 4 (Level 8)

- Eco and Social Enterprise
- Agribusiness and Food Company Management
- Integrated Enterprise Systems
- Supply Chain Management
- Animal Nutrition and Breeding
- Strategic Management
- Rural Resource Planning and Policy
- Project
- Soil Science & Nutrient Management
- People Management
- Research Methods

AU657 | Level 8 | Bachelor of Science (Honours)
AU557 | Level 7 | Bachelor of Science

Agriculture and Environmental Management

These programmes provide students with a range of specialised skills ideal for employment in the agriculture and environmental sectors. Strong emphasis is placed on sustainability in agriculture and the environment. Graduates of the programme can expect to gain employment in a range of areas including farming, agri-foods, environmental management, consultancy, applied ecology and agri-business. These programmes are highly practical, with a mixture of lectures, fieldwork, laboratory practicals and IT.

atu.ie/AU657
atu.ie/AU557

🕐 3/4 Years

CAO POINTS 320 (Level 8 2023)
270 (Level 7 2023)

Minimum Entry Requirements

50 Places

Work Placement

✉ Dr Ian O'Connor
Head of Department of Natural Resources and the Environment
ian.oconnor@atu.ie

Dr Edna Curley
Head of Centre, Mountbellew
mac@atu.ie

Special Features

Year 1 is common with the Bachelor of Business Rural Enterprise and Agri-Business. At the end of Year 1, students choose between the Bachelor of Science in Agriculture and Environmental Management or the Bachelor of Business in Rural Enterprise and Agri-Business.

Quick Fact

The Level 7 and Level 8 programmes meet the criteria for 'Trained Farmer' status, aiding in farm inheritance and tax exemptions.

Career Opportunities

These programmes are extremely 'hands-on' with considerable time allocated to the development of practical laboratory skills and Information Technology skills. Thus, the graduates have both the theoretical and practical skills employers require.

Further Study Options

Level 7 graduates may internally apply for Year 4 of the Level 8 programme. ATU Level 8 qualifications are globally recognised for postgraduate entry. Designed to meet Teaching Council Curricular Subject Requirements (Post-Primary), the programme enables graduates to pursue a two-year Professional Master of Education (PME) to qualify as Agri Science teachers.

Did You Know?

Students spend the initial two years at Mountbellew and the following two years mainly at the ATU Galway City, Dublin Road campus. No prior science subject study at Leaving Certificate level is needed, as Year 1 covers the fundamentals of all science subjects.

Common Entry

Year 1 of the programme is common with the Bachelor of Business in Rural Enterprise and Agri-business course (AU606 / AU506).

What will I study?

Year 1

- Plant and Animal Science
- Animal & Crop Production Science
- Financial and Farm Accounting
- Introduction to Chemistry
- Academic and Professional Skills
- Computer Applications
- Soil Science
- Mathematics and Statistics
- Macroeconomics
- Farm Safety
- Agronomy and Animal Husbandry

Year 2

- Organic Agriculture
- Introduction to Physics
- Advanced Dry Stock Production
- Advanced Dairy Production
- Soil and Analytical Chemistry
- Industry Placement (12 weeks)

Year 3

- Agricultural Enterprise Diversification
- Rural Development and Agricultural Policy
- Introduction to Agroecology
- Advanced Farm Planning and Management
- Aquatic Ecology and Catchment Science
- Forest and Woodland Management
- Climate Change Adaptation and Mitigation
- Geographic Information Systems1
- Advanced Grassland Management
- Ecological Monitoring
- Ecological Management
- Introduction to Data Analyses and Management

Year 4 (Level 8)

- Soil Science and Nutrient Management
- Biodiversity and Conservation
- Advanced Geographic Information Systems
- Agribusiness and Food Company Management
- Integrated Sustainable Agriculture
- Environmental Legislation
- Rural Resource Planning and Policy
- Animal Nutrition and Breeding
- Research methods and Dissertation Preparation
- Research Project

Louise Payne

BSc (Hons) in Agriculture and Environmental Management

Opting for a gap year after my Leaving Cert to work proved invaluable; it provided clarity and helped me realise my passions. Choosing Agricultural and Environmental Management at ATU felt right, bridging my interest in biology and agriculture, with an option to pursue further studies in the future for teaching credentials. ATU's supportive environment and practical approach, especially during labs, was so helpful when settling into university life.

The highlight was my placement with the Teagasc Sheep Research Farm in Athenry where I gained hands-on experience in large scale lambing and was involved in PhD trials and exposed to day-to-day laboratory techniques. Since graduating I am working with Kepak on their Graduate Programme as I continue to grow professionally, leveraging my education and experience in this dynamic role.

ATU

Donegal

OTA Dún na nGall

ATU Donegal offers 57 CAO programmes and over 40 postgraduate programmes across three faculties and ten departments. The campus has a student population of 5,000, the majority of whom study at ATU Donegal on a full-time basis. This generates a vibrant on-campus atmosphere. With an exceptional reputation for high academic standards, incredible teaching and learning facilities, in addition to a strong focus on research, it's no surprise why student numbers have grown exponentially over the last five years at ATU Donegal.

Work Placement

90% of ATU Donegal's higher certificate, degree and honours degree programmes offer a structured work placement. Our long-standing partnerships with leading employers mean our graduates have a head start in the jobs market.

Community

Our lecture class sizes are small when you compare them to larger universities which provides a real sense of community and collaboration.

Employability

Employability is a central focus of ATU Donegal's academic programmes. In 2023, 9/10 of ATU Donegal graduates either secured work or pursued further study within four months of graduating.

Professional Accreditation

Many of our programmes are professionally accredited meaning our graduates will benefit from having a greater number of job possibilities. Knowing an individual has met this industry standard provides companies with confidence. Additionally, a lot of accreditations come with the benefit of being recognised globally. Our alumni now have access to a wide variety of employment and travel opportunities.

AU301 | Level 8 | Bachelor of Business (Honours)

Business

This programme equips graduates to succeed on the global business stage by enabling them to be forward-thinking and have the capacity to act as catalysts for growth in organisations. It reflects the intrinsic need to develop the next generation of leaders who understand how to manage innovation and drive an organisation forward in the digital age, harnessing the skills to excel in today's dynamic business environment.

atu.ie/AU301

- 3 Years
- CAO POINTS 282 (Level 8 2023)
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Patricia Doherty
  Head of Department
  of Business Studies
  patricia.doherty@atu.ie

Special Features

In addition to learning fundamental business skills in Year 1 to advanced skills in Year 3, students will have the opportunity to select from specialised areas including UX and design thinking, decision making techniques, project management and organisational change to further enhance their knowledge based on their own preferences.

Work Placement

Students have the option to take a one-year work placement in Year 3, meaning the modules shown in Year 3 would be taken in Year 4.

Students who choose work placement can graduate with the award Bachelor of Business (Hons) in Business Practice.

Career Opportunities

Graduate careers typically include talent management, consultancy, operations, business development, marketing, retail, financial services, secondary school teacher or self-employed.

Further Study Options

Graduates may progress to the Higher Diploma in Business in Finance and Technology (FinTech), Master of Science in Marketing, Master of Science in Strategy, Enterprise and Innovation and various Master's degrees in universities in Ireland and abroad.

Quick Fact

Business was one of the most popular discipline choices in CAO applications last year.

Professional Accreditation

This degree meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Business'.

What will I study?

Year 1

- IT for Business
- Business Management
- Fundamentals of Marketing
- Business Law
- Quantitative Methods
- Business in Society
- Microeconomics
- Business Information Systems
- Accounting for Business

Year 2

- HRM and Employee Relations
- Organisational Behaviour
- Introduction to Business Process Management
- Macroeconomics
- Digital Media
- Intrapreneurship
- Services and Operations Management
- Personal and Professional Development

Year 3

- Digital Business
- Applied Economics
- Financial Management
- Strategic Management
- Innovation in Organisations

Additional elective options available in:
- Organisational Change
- Global Marketing
- Supply Chain Management
- UX & Design Thinking
- Applied Learning
- Enterprise Development

AU300 | Level 8 | Bachelor of Business (Honours)

Accounting

If you want to build a career in the accounting profession, this programme is for you. Over three years you will develop the core accounting and finance skills needed to perform at a highly competent level in the accounting profession. You will also develop a complementary range of business skills that will equip you to work in a variety of positions in teaching.

atu.ie/AU300

- 3 Years
- CAO POINTS 316 (Level 8 2023)
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Patricia Doherty
  Head of Department
  of Business Studies
  patricia.doherty@atu.ie

Special Features

Accounting programme at ATU Donegal attract generous exemptions from the examinations of professional accountancy bodies including ICA, ACCA, CPA, and CIMA. Graduates will also have the opportunity to progress onto the MA in Accounting which offers even further significant exemptions. Holders of the Diploma for Accounting Technicians Qualification get advanced entry into Year 2 of this programme.

Work Placement

Students have the option to take a one-year work placement in Year 3, meaning the modules shown in Year 3 would be taken in Year 4. Students who choose work placement can graduate with the award Bachelor of Business (Hons) in Accounting Practice.

Career Opportunities

Successful graduates find themselves typically working in a large multinational firm or an accountancy practice. The majority of graduates go on to qualify as professional accountants.

Graduate careers typically include a qualified accountant (ICA, ACCA, CIMA, ICA), taxation, banking, financial services, FinTech or secondary school teaching.

Further Study Options

Some further study options include the Higher Diploma in Business in Finance and Technology (FinTech), Masters of Arts in Accounting or Postgraduate Diploma in Accounting or the Masters of Science in Strategy, Enterprise and Innovation.

Quick Fact

Studying accounting can lead to diverse career opportunities beyond number crunching, like forensic accounting, advising startups, or even becoming a CFO.

What will I study?

Year 1

- IT for Business
- Book-keeping
- Personal Finance
- Business Management
- Quantitative Methods
- Business Information Systems
- Data Analytics
- Financial Accounting
- Business in Society
- Law for the Business Environment

Year 2

- Financial Reporting 1
- Management Accounting and Finance
- Computerised Accounts
- Macroeconomics
- Management Accounting 2
- Company Law and Governance
- Business Tax

Year 3

- Digital Business
- Financial Reporting 2
- Business Finance
- Capital Gains Tax and VAT
- Strategic Management
- Advanced Management Accounting and Finance
- Auditing

Professional Accreditation

Professional accountancy bodies including ICA, ACCA, CPA and CIMA. This degree meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Accounting'.

CHARTERED ACCOUNTANTS IRELAND

ACCA

CIMA

CPA IRELAND

AU302 | Level 8 | Bachelor of Business (Honours)

Marketing with Online Technologies

This marketing with online technologies degree responds to the changes that have taken place in the marketing discipline. It seeks to develop marketing graduates that are equipped with the requisite skills for Industry 4.0 recognising that marketing graduates must now possess the required skills for the dynamic digitised economy.

atu.ie/AU302

3 Years

CAO POINTS 302 (Level 8 2023)

Minimum Entry Requirements

50 Places

Work Placement

Patricia Doherty
Head of Department
of Business Studies
patricia.doherty@atu.ie

Special Features

This programme reflects the intrinsic need to develop marketers who have a strategic approach towards the marketing function and can also leverage online technologies to connect with current and prospective customers.

Work Placement

Students have the option to take a one-year work placement in Year 3, meaning the modules shown in Year 3 would be taken in Year 4. Students who choose work placement can graduate with the award Bachelor of Business (Honours) in Marketing Practice with Online Technologies.

Career Opportunities

Graduates from this programme will be equipped with a skill set that is in demand regionally, nationally, and internationally. Careers include working as a marketing manager, brand manager, digital marketing manager, sales and marketing manager, brand communications specialist, social media analyst, consumer insights analyst, market research analyst, content marketing executive, consumer planning and insights executive, and campaign marketing manager.

Further Study Options

Some further study options include the Higher Diploma in Business in Finance and Technology (FinTech), Master of Science in Marketing, Master of Science in Strategy, Enterprise and Innovation and various Masters degrees in universities at home and abroad.

What will I study?

Year 1

- IT for Business
- Fundamentals of Marketing
- Business Management
- Quantitative Methods
- Marketing Principles
- Business in Society
- Accounting for Business
- Social Media Marketing
- Business Information Systems

Year 2

- Macroeconomics
- Copywriting 4.0
- Contemporary Issues in Marketing
- Digital Marketing
- Website Performance
- Talent Management
- Generating Consumer Insight
- User Experience and Design Thinking

Year 3

- Global Marketing
- Work and Organisational Psychology
- Digital Business
- Decision Making for Marketing
- Capstone Project: Applied Marketing Research
- Brand Engagement Marketing
- Applied Marketing Management
- Strategic Management

Quick Fact

Marketing careers are dynamic and in high demand, especially for those skilled in digital trends and data analytics.

Niamh Conaghan

BBus (Hons) in Marketing with Online Technologies

I explored every college in Ireland to see what courses were available. In the end I kept gravitating towards Marketing here at ATU, the modules looked interesting, it could be completed in three years, and I'd leave with a level 8 honours degree.

I was so unsure on what I wanted to do and felt lost, but from seeing what career opportunities marketing had to offer I was sold. While creativity is a big aspect there are also career options that are more numbers based but overall it was the abundance of jobs opportunities that inspired me.

AU200 | Level 7 | Bachelor of Business

Business (Common Entry)

Degree Award Options:

- Accounting
- Management
- Marketing with Online Technologies

This programme, which has degree award options in Accounting, Management, and Marketing with Online Technologies is designed to enable students to study business and explore specialisms as they progress through their degree. Students will be given a broad overview of the business world before specialising in Year 3. This is a unique and flexible course, designed to allow students to pursue their interest in an area of business that most inspires them.

atu.ie/AU200

3 Years

CAO POINTS 224 (Level 7 2023)

Minimum Entry Requirements

100 Places

Patricia Doherty
Head of Department
of Business Studies
patricia.doherty@atu.ie

Special Features

Many students know they want to study business at university but are not quite sure which specific area of business they would like to focus on.

That's why this common entry programme is so popular as it provides the opportunity to try different modules before specialising.

Career Opportunities

Careers for Bachelor of Business in Management graduates include working as a trainee manager, human resource assistant, procurement officer, and administrator. They may also work in operations, business development and finance and insurance.

Careers for Marketing with Online Technologies graduates include working as a marketing executive or assistant, advertising or public relations executive, market researcher, sales and marketing executive or a digital marketing executive.

Careers for Accounting graduates include working as a book-keeper, accounts administrator or various other finance roles. Most graduates of this degree will progress to the Level 8 programme with a view to later completing their professional accounting exams (ICA, ACCA, CIMA, ICA).

What will I study?

Year 1

- IT for Business
- Business Management
- Business Law
- Fundamentals of Marketing
- Business in Society
- Microeconomics
- Basic Business Statistics 1
- Introduction to Accounting

Year 2

- Digital Marketing
- Macroeconomics
- Introduction to Business Process Management
- Marketing Principles
- Business Communications
- Financial and Cost Accounting
- Social Media Marketing
- Basic Business Statistics 2
- Business Information Systems

Additional elective options are available

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in their chosen specialist discipline. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

What will I study?

Accounting
Year 3

- Financial Report 1
- Management, Accounting and Finance
- Computerised Accounts
- Organisational Behaviour
- Management Accounting
- Company Law and Governance
- Business Tax

Management
Year 3

- HRM and Employee Relations
- Organisational Behaviour
- Entrepreneurship and Innovation
- Business Law for Managers
- Digital Media
- Intrapreneurship
- Service and Operations Management
- Personal and Professional Development

Marketing with Online Technologies
Year 3

- Entrepreneurship and Innovation
- Copywriting 4.0
- Contemporary Issues in Marketing
- Organisational Behaviour
- Digital Media
- Website Performance
- Talent Management
- Generating Consumer Insight
- User Experience and Design

AU330 | Level 8 | Bachelor of Arts (Honours)

Design (Common Entry)

Degree Award Options:

- Animation
- Film and Media Production
- Fashion Design with Promotion
- Graphic Design and Illustration

This programme offers Art and Design students the chance to explore various subjects before choosing a specialisation. In the first semester, all students take common modules in Animation, Film and Media Production, Graphic Design and Illustration, Fashion Design with Promotion, and core art and design courses. This common entry programme allows equal exposure to these areas, enabling students to make an informed choice for their specialisation in the Level 8 degree during the second semester.

atu.ie/AU330

- 4 Years
- **CAO POINTS** 318 (Level 8 2023)
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Head of Department of Design and Creative Media designhod.donegal@atu.ie

Quick Fact

A Design Common Entry programme allows students to explore various design fields before specialising, enhancing creativity and informed career choices.

Common Entry

This common entry-degree in Design offers four different pathways to Animation, Fashion Design with Promotion, Graphic Design and Illustration or Film and Media Production after the first semester.

Career Opportunities

Graduate careers from the Animation stream typically include storyboard artist, 2D animator, 3D animator, special effects artist, character design, environment designer. The Graphic Design and Illustration stream allows graduates to work as a graphic designer, advertising and art director, UX/UI/IxD designer, web designer, interactive media designer, motion graphics designer, print and publishing designer, freelance designer and illustrator.

Film and Media Production opportunities include pre-production designer, on location film crew member (camera/sound), post-production editor, special effects producer, independent film/video producer.

Fashion Design with Promotion often leads graduates to become a fashion designer, e-tailer, fashion stylist, shoot and production assistant, visual merchandising, fashion photographer/filmmaker, fashion advertising and marketing assistant, fashion illustrator, fashion blogger, and fashion buyer.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

What will I study?

Year 1 Common Semester 1

- Visual Enquiry
- Programme Fundamentals
- Communications and Creative Process
- Art and Design History 1

Animation
Year 1 Semester 2

- Art and Design History 2
- Animation Principles
- Narrative and Visual Story Telling
- Drawing Studies

Year 2

- Animation Production Skills 1 and 2
- Drawing and Design 1 and 2
- Animation History 1 and 2
- Personal Film Project
- Animation Practice

Year 3

- Animation Production
- Compositing and Visual Effects
- Animation and Contemporary Culture
- Professional Practice in the Creative Industries
- Animation Project
- Digital Animation Portfolio
- Contemporary Theory

Year 4

- Industry/Competition Project
- Pre-Production and Process
- Research and Dissertation
- Major Project
- Creativity and Creative Enterprise

What will I study?

Film and Media Production
Year 1 Semester 2

- Music Video
- Storytelling and Scripting 1
- Sound Recording: Mixing and Production
- Cinematography 1
- Art and Design History 2

Year 2

- Ambient and Foley Sound
- Cinematography 2
- Early Film History
- Storytelling and Scripting 2
- Post-Production 1
- Cinematography 3
- Documentary Filmmaking
- 20th Century Film and TV History

Year 3

- Post-Production 2
- Cinematography 4
- Modern Film, History and Theory
- Interactive Audio Video
- Film Project
- Professional Practice in the Creative Industries
- Contemporary Theory
- Event and Promotional Filming/Placement

Year 4

- Industry/Competition Project
- Pre-Production and Process
- Research and Dissertation
- Major Project
- Creativity and Creative Enterprise

Fashion Design with Promotion
Year 1 Semester 2

- Art and Design History 2
- Fashion Design and Development 1
- Fashion Illustration and Presentation Design
- Photography – Studio

Year 2

- Fashion Flats and Pattern Cutting
- Fashion Sustainability and Innovation
- Fashion History 1
- Video Recording and Editing
- Fashion Design and Development 2
- Photography Post-Processing
- The History of Fashion and Fashion Promotion
- Social Media Promotion

Year 3

- Accessory and Menswear Design
- Graphic Design for Fashion Promotion
- Fashion Marketing
- Video Post-Production
- Work Placement
- Fashion Project
- Cost and Sourcing
- Contemporary Theory
- Personal Promotional and Professional Practice

Year 4

- Industry/Competition Project
- Pre-Production
- Research and Dissertation
- Major Project
- Creativity and Creative Enterprise

Graphic Design and Illustration
Year 1 Semester 2

- Art and Design History 2
- Graphic Design: Layout
- Image: Illustration and Art Direction
- UX Design: Process

Year 2

- Graphic Design: Identity
- Image: Motion Design Fundamentals
- UX Design: Applied
- Graphic Design History 1 and 2
- Graphic Design: Spatial
- Image: Dynamic Identities
- UX Design: User Interface

Year 3

- Graphic Design: Publication
- Image: Advertising and Brand Strategy
- UX Design: Personal Promotion
- Design Theory: Advertising and Branding
- Professional Design Practice
- Contemporary Theory

Year 4

- Industry/Competition Project
- Pre-Production and Process
- Research and Dissertation
- Major Project
- Innovation and Creativity

AU230 | Level 7 | Bachelor of Arts

Film and Media Production

This programme is designed to cater for emerging opportunities across the film and media sector in the key areas of digital film production planning, story and script, audio, design, special effects, compositing and editing. An enterprise and entrepreneurship ethos is embedded in modules. This programme engages traditional and emerging practices to cater for the needs of the film and media industry. Self-directed practice will be a key component across several modules that will focus on audience and market.

atu.ie/AU230

- 3 Years
- **CAO POINTS** 251 (Level 7 2023)
- Minimum Entry Requirements PLUS
  - Maths not required
- 24 Places
- Work Placement
- Erasmus+
- Head of Department of Design and Creative Media designhod.donegal@atu.ie

Career Opportunities

Graduates may find work as a pre-production designer, on location film crew member for camera and sound, post-production editor, special effects producer, and as an independent film or video producer.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Film and Media Production. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Students have the option to take an Erasmus+ semester abroad as part of this degree.

Quick Fact

Studying film and media production provides hands-on experience in storytelling, cinematography & digital editing, preparing students for diverse careers in the entertainment industry.

What will I study?

Year 1
- Visual Enquiry
- Photography Fundamentals
- Sound and Narrative Fundamentals
- Communications and Creative Process
- Art and Design History 1
- Music Video
- Storytelling and Scripting 1
- Sound Recording: Mixing and Production
- Cinematography 1
- Art and Design History 2

Year 2
- Ambient and Foley Sound
- Cinematography 2
- Early Film History
- Storytelling and Scripting 2
- Post-Production 1
- Cinematography 3
- Documentary Filmmaking
- 20th Century Film and TV History

Year 3
- Post-Production 2
- Cinematography 4
- Modern Film, History and Theory
- Interactive Audio Video
- Film Project
- Professional Practice in the Creative Industries
- Contemporary Theory
- Event and Promotional Filming/Placement

Ruth Keogh

BA in Film and Media Production

There are so many different pathways for film makers – whether it's setting up on your own on a freelance basis, screenwriting, or moving into film production and working on sets for film or TV. The course lays the foundations for this, and it's really up to the students to find their own pathway, many of us from our class went down different routes following graduation.

I continued straight into a Masters by Research, which I attained by means of scholarship with ATU. Alongside the academic pursuits, I work on a freelance basis as a film maker and photographer, and have been involved in some great projects locally.

AU231 | Level 7 | Bachelor of Arts

Animation

Animation appears everywhere – in children's TV and Films, computer games, advertisements, music videos, title sequences, special effects and as experimental and short films. There is no limit to the variety of materials and methods that can be used to make animated films. This is a creative animation programme offering a broad range of skills designed to enable you to operate independently within the commercial environment after graduation. The contemporary animation industry requires creative thinkers who can operate flexibly within different aspects of animation production.

atu.ie/AU231

🕐 3 Years

CAO POINTS 216 (Level 7 2023)

Minimum Entry
Requirements **PLUS**
▪ Art or Graphic Design
  O6/H7 **or**
▪ Portfolio
▪ Maths not required

24 Places

Work Placement

Head of Department of
Design and Creative Media
designhod.donegal@atu.ie

Career Opportunities

Successful graduates find themselves working in animation companies, the games industry, live-action or special effects, and advertising. They typically work as animators, 3D modelers or storyboard artists.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Animation. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Studying animation offers students the chance to bring stories to life through art and technology, with opportunities in film, gaming, and digital media.

What will I study?

Year 1
• Visual Enquiry
• Photography Fundamentals
• Communications and
  Creative Process
• Animation Fundamentals
• Art and Design History 1 and 2
• Animation Principles
• Narrative and Visual Story Telling
• Drawing Studies

Year 2
• Animation Production Skills
  1 and 2
• Drawing and Design 1 and 2
• Animation History 1 and 2
• Personal Film Project
• Animation Practice

Year 3
• Animation Production
• Compositing and Visual Effects
• Animation and Contemporary
  Culture
• Professional Practice in the
  Creative Industries
• Animation Project
• Digital Animation Portfolio
• Contemporary Theory

AU232 | Level 7 | Bachelor of Arts

Fashion Design with Promotion

This programme is for students who are creative, innovative, and business minded. They may have a flair for fashion or want to bring innovation and business acumen to the fashion industry. Or they may want to develop fashion products and use photography and film to promote a business idea online. Students on this programme will explore their own creative strengths. In each year students will complete a fashion design project, which is very much concept driven.

atu.ie/AU232

🕐 3 Years

CAO POINTS 171 (Level 7 2023)

Minimum Entry
Requirements **PLUS**
▪ Art or Graphic Design
  O6/H7 **or**
▪ Portfolio
▪ Maths not required

24 Places

Work Placement

Head of Department of
Design and Creative Media
designhod.donegal@atu.ie

Career Opportunities

Graduates find work as a visual PR consultant for a fashion company, fashion stylist, shoot and production assistant, visual merchandiser, fashion photographer or filmmaker, fashion advertising and marketing assistant, fashion illustrator or as an e-tailer. Successful graduates usually work in fashion houses, retail or as independent designers or makers.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Fashion Design with Promotion. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Studying fashion with a focus on promotion teaches you how to not only design captivating garments but also how to effectively market them, blending creativity with business savvy to make your mark in the fashion industry.

What will I study?

Year 1
• Visual Enquiry
• Photography Fundamentals
• Communications and Creative
  Process
• Fashion Fundamentals
• Art and Design History 1 and 2
• Fashion Design and Development 1
• Fashion Illustration and
  Presentation Design
• Photography – Studio

Year 2
• Fashion Flats and Pattern Cutting
• Fashion Sustainability and
  Innovation
• Fashion History 1
• Video Recording and Editing
• Fashion Design and Development
  2
• Photography Post-Processing
• The History of Fashion and
  Fashion Promotion
• Social Media Promotion

Year 3
• Accessory and Menswear Design
• Graphic Design for Fashion
  Promotion
• Fashion Marketing
• Video Post-Production
• Work Placement
• Fashion Project
• Cost and Sourcing
• Contemporary Theory
• Personal Promotional and
  Professional Practice

AU233 | Level 7 | Bachelor of Arts

Graphic Design and Illustration

This Graphic Design programme includes four key strands. Strand 1: Graphic Design covers typography, layout, visual identity, and publication design, establishing classic design principles. Strand 2: Illustration & Motion Design fosters creativity in illustration, editorial illustration, photography, and motion design for visual storytelling. Strand 3: UX Design focuses on UX/UI and interaction design for user-centric digital experiences. Strand 4: Design Theory provides a theoretical foundation in design principles, practices, and critical thinking for effective design.

atu.ie/AU233

- 🕐 3 Years
- CAO POINTS — NEW Programme
- Minimum Entry Requirements PLUS
  - Art or Graphic Design O6/H7 or
  - Portfolio
  - Maths not required
- 👥 24 Places
- Work Placement
- Erasmus+
- Head of Department of Design and Creative Media designhod.donegal@atu.ie

Work Placement

12-week full-time industry placement or study abroad in Year 3. Engage in live project briefs, international competitions, and collaborations with industry professionals, gaining practical, real-world experience.

Career Opportunities

Graduate as a versatile designer capable of crafting complex visual/brand identities, publications, and motion designs. With a strong emphasis on illustration and image making, our graduates pursue diverse careers – from Graphic Designer and Freelance Illustrator to UX/UI/Digital Product Designers, Advertising Art Directors, Digital Marketers, and In-House Designers.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Graphic Design and Illustration. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Studying graphic design not only unleashes your creativity but also equips you with the power to visually captivate audiences and shape unforgettable brand experiences in today's dynamic digital world.

What will I study?

Year 1
- Visual Enquiry
- Communications and Creative Process
- Graphic Design: Fundamentals
- Photography Fundamentals
- Art and Design History 1 and 2
- Graphic Design: Layout
- Image: Illustration and Art Direction
- UX Design: Process

Year 2
- Graphic Design: Identity
- Image: Motion Design Fundamentals
- UX Design: Applied
- Graphic Design History 1 and 2
- Graphic Design: Spatial
- Image: Dynamic Identities
- UX Design: User Interface

Year 3
- Graphic Design: Publication
- Image: Advertising and Brand Strategy
- UX Design: Personal Promotion
- Design Theory: Advertising and Branding
- Professional Design Practice
- Contemporary Theory

AU312 | Level 8 | Bachelor of Arts (Honours)

Communications with English

This Communications with English programme will give students a modern skill set in communications together with essential English skills. Creativity and application are central to the programme in the context of current media and emerging technologies. Participation in the programme concludes with an industry driven capstone project reflecting the strong links with industry and the real world of communications. Graduates from this programme will have an understanding of the communications industry combined with a solid grounding and understanding of the fundamentals of English which is critical to communication.

atu.ie/AU312

- 🕐 3 Years
- CAO POINTS — 303 (Level 8 2023)
- Minimum Entry Requirements PLUS
  - Min. H5 in English
- 👥 50 Places
- Dr Brónagh Heverin Head of Department of Law, Public Service and Education bronagh.heverin@atu.ie

Career Opportunities

Graduates may find work as an editor, author, managing editor, copywriter, marketing officer, secondary school teacher, communications officer, or content marketing officer.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

The core English modules required for Teaching Council registration are all included in this programme. Graduates will also have a broad knowledge of literature, writing skills, critical thinking and film studies.

Professional Accreditation

Meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'English'.

What will I study?

Year 1
- Critical Thinking Skills
- Introduction to Sociology
- Introduction to English Literature and Writing Skills
- Foundation in Communications Studies
- Communications and Creative Process
- The Novel
- Introduction to TEFL
- Intercultural Communications
- Introduction to Criminal Justice
- Communications Analysis

Year 2
- Shakespeare and the Renaissance
- Introduction to Creative Writing
- Content Design and Development
- Digital Citizenship
- Romanticism
- TEFL Techniques and Assessment
- Media and Communications Law
- 20th Century and Contemporary Irish Writing

Year 3
- Alternative Dispute Resolution
- Research Methods
- Film Studies
- Irish Drama and Theatre
- Capstone Project: Applied Communications/Creativity
- Emerging Technologies and Influences

AU310 | Level 8 | Bachelor of Law (Honours)

LLB

This programme is a three-year honours law degree, which has approved degree status with the Kings Inns and is also recognised as a qualifying law degree by the Institute of Professional Legal Studies (Northern Ireland). It also provides appropriate preparation for the entrance exams to The Law Society of Ireland. It combines study of the core areas of law with new and emerging areas of legal study such as alternative dispute resolution, human rights, media law, and Street Law.

atu.ie/AU310

- 3 Years
- 330 (Level 8 2023) CAO POINTS
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Dr Brónagh Heverin Head of Department of Law, Public Service and Education bronagh.heverin@atu.ie

Career Opportunities

Successful graduates find themselves working in the legal profession, law enforcement, journalism, social work, advocacy, or the civil service. Graduates typically work as a solicitor or barrister, legal executive, company secretary, legal advisor, researcher, journalist or in banking and finance.

Further Study Options

Graduates from the Level 8 programme may progress to the Masters of Arts/PG Diploma in Governance & I.T in Financial Services. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Third year students can undertake a work placement and other clinical/practical modules based on experiential learning or teach Street Law classes within the community and local schools.

What will I study?

Year 1
- Introduction to Legal Research Skills and Methods
- ICT Skills
- Irish Legal System
- Foundations of Law
- Constitutional Law 1
- Contract Law
- Constitutional Law 2
- Criminal Law
- Employment Law

Year 2
- Family and Child Law
- Land and Succession Law
- Tort
- Administrative Law
- Company Law and Governance
- Jurisprudence

Year 3
- Human Rights
- European Union Law
- Evidence
- Equity and Trust

Additional elective modules are available

Quick Fact

Studying an LLB unlocks the door to a world where you analyse cases, debate ethical issues, and advocate for justice!

Professional Accreditation

Qualifying Law Degree:
- Accredited law degree by Kings Inns
- Accredited law degree by the Institute of Professional Legal Studies (Northern Ireland)
- Approved law degree to sit the final examination of the Law Society – first part FE1

LAW SOCIETY OF IRELAND

THE HONORABLE SOCIETY OF KINGS INNS
NOLU MUS · MUT ARI
1541

Jason Laverty

Bachelor of Laws (Honours) in LLB

My experience at ATU was great. The programme itself was interesting with a variety of modules within the Degree. I enjoyed the many different modules within each semester and found the Lecturers to be very helpful and facilitating. They made the experience more enjoyable and less daunting. Each Lecturer was approachable and supportive if I had any questions.

I completed a 13-week placement in Browne & Co Solicitors in Letterkenny. Fortunately for me, following this placement I was offered a job in Browne & Co Solicitors where I have remained since.

AU311 | Level 8 | Bachelor of Arts (Honours)

Corporate Law

This new programme in corporate law was developed in response to demand from employers for law graduates with expertise in this area. In addition to meeting all the requirements of a core law degree (recognised by the Kings Inns and providing the necessary preparation for the Law Society entrance exams) it also includes specialty subjects in contemporary corporate law. Examples of these specific subjects include banking law, international business and trade law, financial services law, and regulation, business ethics and social responsibility, privacy, and data protection law, and contemporary issues in commercial law.

atu.ie/AU311

- 3 Years
- **CAO POINTS** NEW Programme
- Minimum Entry Requirements
- 50 Places
- Work Placement
- Erasmus+
- Dr Brónagh Heverin Head of Department of Law, Public Service and Education bronagh.heverin@atu.ie

Career Opportunities

Successful graduates find work as in-house commercial lawyers, business or in corporate law firms and enforcement, journalism, advocacy, and the civil service. Graduate careers, include working as a corporate lawyer (either as a solicitor or barrister), in-house legal counsel, legal executive, company secretary, legal advisor or analyst, researcher, journalist, together with banking, finance and compliance roles.

Further Study Options

Graduates of this programme may choose to continue their studies on the Masters of Arts/PG Diploma in Governance and IT in Financial Services. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

On completion graduates can decide to pursue either the traditional legal professions or specialise in corporate law, often as an in-house lawyer for a big business.

What will I study?

Year 1
- Introduction to Legal Research Skills and Methods
- ICT Skills
- Irish Legal System
- Foundations of Law
- Constitutional Law 1
- Contract Law
- Constitutional Law 2
- Criminal Law
- Employment Law

Year 2
- Business Ethics and Social Responsibility
- Privacy and Data Protection Law
- Land and Succession Law
- Tort
- Administrative Law
- Company Law and Governance
- Fundamentals of Banking Law
- International Business and Trade Law

Year 3
- European Union Law
- Jurisprudence
- Insurance Law
- Evidence
- Equity and Trust
- Contemporary Issues in Commercial Law

Additional elective modules are available

Professional Accreditation

Qualifying Law Degree:
- Accredited law degree by Kings Inns
- Accredited law degree by the Institute of Professional Legal Studies (Northern Ireland)
- Approved law degree to sit the final examination of the Law Society – first part FE1

LAW SOCIETY OF IRELAND

THE HONORABLE SOCIETY OF KING'S INNS · NOLU MUT ARI · 1541

AU210 | Level 7 | Bachelor of Arts

Law with Criminal Justice

This law programme is for students who have an interest in law but also how it is practised and its effect on achieving justice in everyday life. In addition to core law subjects, this degree includes additional subjects in the area of criminal justice and will suit those with an interest in crime, victimology, and conflict resolution. The majority of students on this programme will progress to the year 4 add-on and gain a level 8 law qualification recognised by the professional bodies.

atu.ie/AU210

- 3 Years
- **CAO POINTS** 206 (Level 7 2023)
- Minimum Entry Requirements
- 70 Places
- Work Placement
- Erasmus+
- Dr Brónagh Heverin Head of Department of Law, Public Service and Education bronagh.heverin@atu.ie

Career Opportunities

Successful graduates find work in the legal profession, law enforcement, journalism, social or youth work, advocacy, civil service, public service, legal analyst and compliance roles. Graduate careers typically include work as a solicitor, barrister or legal executive. Other options include working as a company secretary, legal advisor, researcher or journalist. Graduates will also find work with civil service regulatory bodies in criminal justice, the Gardaí, advocacy, probation and social work.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Law with Criminal Justice. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Students will also have the opportunity for work placement or Street Law which involves teaching law to Community groups or local schools.

What will I study?

Year 1
- Introduction to Legal Research Skills and Methods
- ICT Skills
- Irish Legal System
- Foundations of Law
- Constitutional Law 1
- Contract Law
- Criminal Law
- Constitutional Law 2
- Introduction to Criminal Justice

Year 2
- Family and Child Law
- Land and Succession Law
- Criminal Practice and Procedure
- Victimology
- Company Law and Governance
- Administrative Law
- Mooting
- Employment Law

Year 3
- Tort
- Alternative Dispute Resolution
- Legal Practice Skills

Additional elective modules are available

Quick Fact

This programme combines legal expertise with insights into law enforcement, criminology, and the justice system providing access to a range of rewarding and stimulating careers.

Professional Accreditation

Qualifying Law Degree:
- Accredited law degree by Kings Inns
- Accredited law degree by the Institute of Professional Legal Studies (Northern Ireland)
- Approved law degree to sit the final examination of the Law Society – first part FE1

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THE HONORABLE SOCIETY OF KING'S INNS · NOLU MUT ARI · 1541

AU322 | Level 8 | Bachelor of Arts (Honours)

Hospitality Management

This provides a broad overview of the hospitality and tourism sector, progressively taking the learner from an operational perspective in Year 1, to looking at a strategic perspective in Year 3 of the programme. Throughout this programme, students will gain oversight on every aspect of the sector, from bar and restaurant operations to rooms division management, as well as culinary skills and revenue management. This programme will empower students to embark on an exciting career with the opportunity to travel far and wide with their qualifications.

atu.ie/AU322

3 Years

CAO POINTS 261 (Level 8 2023)

Minimum Entry Requirements

40 Places

Work Placement

Nicola Dunnion
Head of Department
of Tourism and Sport
nicola.dunnion@atu.ie

Work Placement

A one-year optional work placement will be available to those students who have successfully completed 120 credits in Year 2 (min GPA 50%). The work placement will provide learners with the opportunity to gain valuable practical experience in the hospitality sector. Students who chose work placement can graduate with the award Bachelor of Arts (Hons) in Hospitality Management Practice.

Special Features

This provides a broad overview of the hospitality and tourism sector, progressively taking the learner from an operational perspective in year one, to looking at a strategic perspective in Year 3 of the programme.

Career Opportunities

Graduate careers typically include working as a hotel manager, room division manager, food and beverage manager, event coordinator, conference and banqueting manager, club/resort manager or a food and beverage sales executive.

Graduates find work in the hotel industry, bars and clubs, as well as cruise ships, airlines and catering companies.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Studying Hospitality Management trains students in hotel operations, event planning, and customer service for dynamic global careers.

What will I study?

Year 1
- Bar Operations
- Restaurant Operations
- IT and Study Skills
- Principles of Marketing for Tourism and Hospitality
- Introduction to the Tourism Industry
- Beverage Management, Mixology and Wines
- Professional Business Communications
- Rooms Division Management

Year 2
- Management and Organisational Behaviour
- HR and Hospitality Law
- Financial Information and Decision Making
- Food and Beverage Cost Control
- Digital Marketing Skills
- Restaurant Management
- Culinary Skills
- Events Management
- Staff Training and Development

Year 3
- Strategic Revenue Management
- Financial Accounting for Hospitality
- Sustainable Hospitality Management
- Lean Six Sigma for the Hospitality Sector
- Strategic Hospitality Management
- Talent Management and Employment Legislation
- Marketing Management Strategy

Dean McSorley

BA (Hons) in Hospitality Management

I began working in hotels and became intrigued by the running of bars and restaurants. I eventually grew a passion for hospitality and decided to apply to ATU to further my skills and career path. I have dreams and goals I want to achieve and the Hospitality Management programme will help me achieve these goals.

I have really enjoyed every moment. The campus in Killybegs is state of the art with modern equipment and a fully functional bar and a restaurant for practical elements. The staff are friendly and helpful which made me feel at home in Killybegs.

AU221 | Level 7 | Bachelor of Arts

Tourism and Hospitality Operations

This programme is designed for students aiming to work in the tourism industry, offering practical classes, field trips, and work experience to prepare graduates for careers in tourism and hospitality globally. It focuses on the operational aspects of hospitality management, covering bar and restaurant operations, beverage management, rooms division management, and culinary skills. Students also gain essential digital skills and study tourism-specific subjects like guiding and tourism destination development.

atu.ie/AU221

🕐 3 Years

CAO POINTS 178 (Level 7 2023)

Minimum Entry Requirements

👥 40 Places

Work Placement

Erasmus+

✉ Nicola Dunnion
Head of Department
of Tourism and Sport
nicola.dunnion@atu.ie

Career Opportunities

Graduate careers typically include working as a sales and marketing executive, conference and events executive, food and beverage sales executive, rooms division manager, event coordinator, conference and banqueting manager, club/resort manager or a tour guide.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 BA(Hons) in Hospitality Management programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Studying Tourism and Hospitality Operations equips students with skills to manage travel services, hotels, and event planning, focusing on customer satisfaction.

What will I study?

Year 1
- Bar Operations
- Restaurant Operations
- IT and Study Skills
- Principles of Marketing for Tourism and Hospitality
- Introduction to the Tourism Industry
- Beverage Management, Mixology and Wines
- Professional Business Communications
- Rooms Division Management

Year 2
- Management and Organisational Behaviour
- HR and Hospitality Law
- Financial Accounting for Hospitality
- Food and Beverage Cost Control
- Digital Marketing Skills
- Restaurant Management
- Culinary Skills
- Events Management
- Staff Training and Development

Year 3
- Work Placement
- Tourism Destination Development
- Tourism and Policy
- Website Performance

AU220 | Level 7 | Bachelor of Arts

Culinary Arts

This full-time, three-year Level 7 programme is an advanced professional training programme for aspiring professional chefs who wish to extend their education beyond general training into specialised kitchen functions. It prepares participants for professional careers in the field of culinary arts, savoury, bakery and confectionary.

atu.ie/AU220

🕐 3 Years

CAO POINTS 196 (Level 7 2023)

Minimum Entry Requirements

👥 32 Places

Work Placement

✉ Nicola Dunnion
Head of Department
of Tourism and Sport
nicola.dunnion@atu.ie

Special Features

Students of this programme participate in supervised work placement in each year of the programme.

Career Opportunities

Graduate careers typically include working as a chef, head chef, executive chef, pastry chef, baker or food production manager. Successful graduates find themselves working in hotels, restaurants, cruise ships or contract catering.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Professional Kitchen Management. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Culinary Arts combines cooking skills, creativity, and business knowledge for a dynamic culinary career.

What will I study?

Year 1
- Essential Culinary Skills
- Fundamental Pastry and Baking Techniques
- Learning and Research for Higher Education
- Culinary Science, Technology and Food Safety
- Developing Culinary Skills
- Pastry Pies and Tarts
- IT for Culinary Skills
- Food and Beverage Service
- Work Placement 1

Year 2
- Street Food, Design and Development
- Contemporary Pastry Practice
- Organisational Behaviour and Wellbeing
- Food Purchasing and Cost Control
- Professional Cakes
- Seafood Processing and Culinary Practice
- Plant Based and Sustainable Foods
- Social Media Apps
- Work Placement 2

Year 3
- Event Planning and Kitchen Supervision
- Menu Design, Diet and Nutrition
- Advanced Pastry and Desserts
- Modernist Cuisine
- Training and HR
- Management of Culinary Accounting
- Work Placement 3

AU320 | Level 8 | Bachelor of Science (Honours)

Sports and Exercise (Common Entry)

Degree Award Options:

- Performance and Wellbeing
- Physical Education

This programme is for students interested in studying sport and exercise at third level, offering specialisations in sports performance and wellbeing or physical education studies. The first two years provide a foundational core, while years three and four allow for specialisation. The performance stream combines research theory with applied areas like strength and conditioning, psychology, and nutrition. The education stream integrates research with curriculum-based instructional models, covering games, aquatics, gymnastics, dance, athletics, and outdoor adventure education.

atu.ie/AU320

- 4 Years
- 310 (Level 8 2023) — **CAO POINTS**
- Minimum Entry Requirements PLUS
  - Garda Vetting
- 60 Places
- Work Placement
- Erasmus+
- Nicola Dunnion
  Head of Department of Tourism and Sport
  nicola.dunnion@atu.ie

Career Opportunities

Graduate careers typically include physical education (after completion of a relevant postgraduate course in physical education at universities such as University of Limerick, Ulster University, Loughborough University, University of the West of Scotland, Edge Hill University and Liverpool John Moore's University). However, it should be noted that admission to postgraduate courses in physical education is not automatic. In addition to getting an honours degree candidates are usually required to pass an interview. Other popular graduate careers include sports coaching, personal trainer, fitness instructor, health promotion specialist, sports development officer, leisure centre manager or sports agency administrator.

Further Study Options

Follow-on courses include the Master of Science in Sports Performance Practice in ATU Donegal or various other Masters degrees in universities in Ireland and abroad.

Common Entry

Students study the first two common years before choosing which stream they would like to follow from Year 3, Sports and Exercise with Performance and Wellbeing or Sports and Exercise with Physical Education.

Did You Know?

This degree offers a pathway to becoming a secondary school teacher of Physical Education.

What will I study?

Year 1

- Sports Study Skills 1 and 2
- Introduction to Anatomy and Physiology 1 and 2
- Health Related Physical Activity
- Sports Coaching Practice
- Sports Leisure and Society
- Exercise Prescription and Programme Design
- Sports Coaching Leadership

Year 2

- Biomechanics and Movement Analysis
- Sports and Leisure Frameworks
- Sports and Exercise Nutrition
- Performance Analysis and Technology in Sport
- Sports and Exercise Physiology
- Foundation of Strength and Conditioning

Performance and Wellbeing

Year 3

- Introduction to Sports Psychology
- Personal Fitness Instruction
- Health Promotion Practice
- Developing as a Sports Practitioner
- Work Placement or Erasmus+ Placement

Year 4

- Sports Nutrition and Physiology: Practical Applications
- Applied Sports Psychology
- Research Methods
- Research Project
- Applied Sports Performance Practice

Physical Education

Year 3

- Introduction to Sports Psychology
- Physical Education and Adapted Physical Activity
- Movement Studies: Gymnastics and Dance
- Developing as a Physical Educator
- Work Placement
- Erasmus+ Work Placement

Year 4

- Applied Sports Psychology
- Sports Nutrition and Physiology: Practical Applications
- Athletics and Games
- Research Methods
- Research Project
- Adventure and Aquatics

Shane Porter

BSc (Hons) in Sports and Exercise (Common Entry)

At the beginning I was slightly hesitant about returning to education having been out of education for a sustained period of time but it was a brilliant decision and I would highly recommend attending ATU Donegal. Within the sport programme I found it opened a lot of doors and gave me a lot of opportunities outside of ATU. I feel it was a brilliant and very enjoyable five years.

Overall I had a really positive and enjoyable experience. The lecturers and students made it a lot easier because the modules were very interactive with coaching fellow students and younger students from a local national school also whilst also having group work to do with different class mates.

AU321 | Level 8 | Bachelor of Science (Honours)

Athletic Therapy and Exercise Rehabilitation

This four-year honours degree equips students with the knowledge and clinical skills to diagnose, manage, and treat injuries in high-performance athletes, recreational exercisers, and the general public. With high demand for rehabilitation expertise in all levels of sport and physical activity, the programme trains students in contemporary diagnostic and therapeutic techniques. The first two years cover core subjects like anatomy, physiology, and musculoskeletal assessment, while the last two years focus on clinical skills through student-led clinics, work placements, and a clinical research project.

atu.ie/AU321

🕐 4 Years

CAO POINTS 361 (Level 8 2023)

Minimum Entry Requirements PLUS
▪ Garda Vetting

60 Places

Work Placement

Nicola Dunnion
Head of Department
of Tourism and Sport
nicola.dunnion@atu.ie

Career Opportunities

Graduate careers typically include working as a certified athletic therapist, sports rehabilitation practitioner, exercise rehabilitation instructor, musculoskeletal specialist or a strength and conditioning coach.

Further Study Options

Graduates from this programme may choose to continue their studies on the Master of Science in Sports Performance Practice in ATU Donegal or various other Masters degrees in universities in Ireland and abroad.

Quick Fact

Studying Athletic Therapy and Exercise Rehabilitation combines injury prevention, treatment, and exercise science, preparing students to help athletes recover and excel.

What will I study?

Year 1
- Health Related Physical Activity
- Sports Study Skills 1
- Exercise Prescription and Programme Design
- Clinical Anatomy 1 and 2
- Clinical Skills 1 and 2
- Introduction to Human Physiology

Year 2
- Biomechanics and Movement Analysis
- Sports and Exercise Nutrition
- Injury Diagnostics 1 and 2
- Soft Tissue Manual Therapy
- Sports and Exercise Physiology
- Foundations of Strength and Conditioning

Year 3
- Personal Fitness Instruction
- Therapeutic Modalities 1 and 2
- Rehabilitation
- Student Led Clinic 1 and 2
- Research Methods
- Clinical Rehabilitation
- Psychology of Injury & Rehabilitation

Year 4
- Clinical Work Placement
- Research Project
- Psychology of Injury and Rehabilitation
- Student Led Clinic 3

AU222 | Level 7 | Bachelor of Science

Sports and Exercise

This new programme will provide learners with a strong foundation in the discipline areas of performance, health and well-being. Students will study topics such as coaching, sports and exercise nutrition, and leadership and technology. The modules are taught in a practical nature and will prepare participants for the world of work in sport. In the final year of this programme, students will complete a work placement. This programme provides learners with the opportunity to combine their greatest passion with a successful career.

atu.ie/AU222

🕐 3 Years

CAO POINTS 220 (Level 7 2023)

Minimum Entry Requirements PLUS
▪ Garda Vetting

👥 40 Places

▤ Work Placement

◌ Erasmus+

@ Nicola Dunnion
Head of Department
of Tourism and Sport
nicola.dunnion@atu.ie

Career Opportunities

Graduate careers typically include working as a fitness instructor, sports development officer or sports coach. Successful graduates find work in the areas of coaching, leisure, health-care or fitness.

Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Sports and Exercise with Degree Award Options: Performance and Wellbeing or Physical Education.

Quick Fact

Students will study topics such as coaching, sports and exercise nutrition, and leadership and technology.

What will I study?

Year 1
- Sports Study Skills 1 and 2
- Introduction to Anatomy and Physiology 1 and 2
- Health Related Physical Activity
- Sports Coaching Practice Sports
- Leisure and Society
- Exercise Prescription and Programme Design
- Sports Coaching Leadership

Year 2
- Biomechanics and Movement Analysis
- Sports and Leisure Frameworks
- Sports and Exercise Nutrition
- Performance Analysis and Technology in Sport
- Sports and Exercise Physiology
- Foundation of Strength and Conditioning

Performance and Wellbeing
Year 3
- Introduction to Sports Psychology
- Personal Fitness Instruction
- Developing as a Sports Practitioner/Physical Educator
- Health Promotion and Wellbeing
- Movement Studies: Gym and Dance
- Work Placement or Erasmus+ Placement

Physical Education
Year 3
- Introduction to Sports Psychology
- Physical Education and Adapted Physical Activity
- Developing as a Sports Practitioner/Physical Educator
- Health Promotion and Wellbeing
- Movement Studies: Gymnastics and Dance
- Work Placement or Erasmus+ Placement

AU340 | Level 8 | Bachelor of Engineering (Honours)

Fire Safety Engineering

The aim of the programme is to deliver engineers who have scientific and practical skills to undertake both prescriptive and performance-based fire safety design. In the first two years, learners gain an understanding of fire, general construction and engineering principles and technology before being immersed in fire safety-specific subjects in Years 3 and 4. Theoretical and practical modules provide the graduate fire safety engineer with a skill set unique to this country and in demand internationally.

atu.ie/AU340

🕐 4 Years

CAO POINTS 300 (Level 8 2023)

Minimum Entry Requirements

👥 24 Places

▤ Work Placement

@ Anne Boner
Head of Department
of Civil Engineering
and Construction
anne.boner@atu.ie

Career Opportunities

Graduate careers include working as a fire safety engineer or a fire officer in a wide range of private and public sector contexts. Successful graduates find work in the private sector in fire safety engineering consultancies, with construction contractors or architectural practices. They may also work in the public sector with local authorities in the fire service or with other bodies such as the Health Service Executive, Irish Prison Service or Dublin Airport Authority.

Special Features

Fire safety engineering is a broad discipline which covers a wide range of areas such as fire prevention, detection, escape, suppression, and control. Major tragedies such as the Grenfell Tower in London, the Stardust and domestic fires in Ireland leading to loss of life and nightclub in Dublin means that fire safety engineering is crucial in building design, construction, maintenance, and occupation.

Did You Know?

ATU Donegal has the only educational fire laboratory in the Republic of Ireland.

Quick Fact

ATU Donegal is unique in offering fire safety engineering on the CAO.

Professional Accreditation

Φ ENGINEERS
IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Fire Technology 1 and 2
- Construction Technology 1 and 2
- Elementary CAD
- Mathematics 1 and 2
- Physics 1 and 2
- Building Services 1
- Technical Writing & Communication
- Land Surveying & GIS

Year 2
- Fire Technology 3
- Advanced Construction Technology
- Mathematics 3 and 4
- Fluid and Thermodynamics 1 and 2
- Structural Design and Materials
- Measurement and Construction Economics
- Fire Science
- Building Services 2
- Site Organisation

Year 3
- Fire Dynamics
- Fire Safety Design
- Fire Service Operations
- Mathematics 5 and 6
- Work Placement with Project
- Fire Protection Systems
- Fire Design Project

Year 4
- Applications of Fire Safety
- Engineering Principles
- Fire Modelling and Reliability Engineering
- Construction Law and Professional Ethics
- Dissertation Proposal
- Structural Fire Engineering
- Dissertation
- Human Behaviour in Fire
- Fire Safety Management

AU342 | Level 8 | Bachelor of Science (Honours)

Construction Management

This programme was developed to enable learners to become construction professionals who are at the forefront of technological developments in the construction sector such as Building Information Modelling (BIM), sustainability and surveying techniques. This programme offers learners multi-discipline project-based modules. The subjects cover a wide range of expertise pertinent to the construction industry.

atu.ie/AU342

4 Years

CAO POINTS — 300 (Level 8 2023)

Minimum Entry Requirements

24 Places

Work Placement

Anne Boner
Head of Department of Civil Engineering and Construction
anne.boner@atu.ie

Career Opportunities

This programme leads to a qualification in an area where strong employment opportunities have been identified, namely, construction management utilising BIM processes and technology. A shortage of construction professionals within the industry means that graduates have excellent career prospects with building and civil engineering contractors, surveying consultants, property developers or property services consultants. Graduate careers may include working as a construction manager or a contracts manager.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Progression towards chartered membership of Chartered Institute of Building (CIOB) following a minimum of three years of relevant work experience is possible.

Did You Know?

The construction industry has in recent years embraced the new forms of government contract PWC, RIAI, Design/Build contracts and online procurement methods, creating a need for expertise in the administration and management of contracts.

This programme gives learners the competencies to administer and manage the relevant contracts used in the industry today. Pre and post contract management skills are developed in a financial, legal and ethical context.

Professional Accreditation

ATU Donegal holds Chartered Institute of Building (CIOB) accredited centre status.
This honours degree is accredited by the CIOB and therefore provides a route to full chartered membership (MCIOB).

What will I study?

Year 1

- Construction Technology 1 and 2
- Architectural Project 1 and 2
- Mathematics 1
- Elementary CAD
- Physics 1
- Technical Writing and Communication
- Building Services 1
- BIM Graphic Communications
- Construction Management Principles
- Land Surveying and GIS

Year 2

- Architectural History and Conservation
- Mechanical and Electrical Scheduling
- Surveying 1
- Structural Design and Materials
- Measurement and Construction Economics
- Advanced Construction Technology
- Integrated BIM Project
- Renewable Energy Resources
- Project Control
- Building Services 2
- Site Organisation

Year 3

- BIM for Virtual Design and Construction VDC
- Financial Management
- Building Energy Management
- Fire Engineering
- Document Control and Public Procurement
- Industry Case Study
- Digital Land Surveying
- Professional Practice
- Work Placement

Year 4

- Construction Management 1
- Statutory Approvals
- Building Energy Performance
- Construction Law and Professional Ethics
- Dissertation Proposal
- Construction Management 2
- Financial Information for Decision Making in Construction
- Dispute Mitigation and Resolution
- Dissertation

Additional elective modules are available

AU343 | Level 8 | Bachelor of Science (Honours)

Architectural Technology

The standards and techniques used in modern construction are constantly evolving; architectural drawings are increasingly produced using 3D software; building legislation strives to ensure the protection of the environment and the public are becoming more discerning in their appreciation of architecture. The aim of this programme is to produce graduates with an in-depth knowledge of construction technology and detailing who have high level skills and competencies required to work as Architectural Technologists.

atu.ie/AU343

4 Years

CAO POINTS — 327 (Level 8 2023)

Minimum Entry Requirements

24 Places

Work Placement

Anne Boner
Head of Department of Civil Engineering and Construction
anne.boner@atu.ie

Special Features

In this programme, Building Information Modelling (BIM) is used in conjunction with AR and VR (Augmented and Virtual Reality) simulations to support the coordination of architecture, structure and services during the design stage of construction projects.

Digital models offer the ability to visualise, record and document the design of buildings, as well as the opportunity to simulate clash detection and assembly sequencing in virtual space to greatly improve construction efficiencies.

Career Opportunities

Graduate careers typically include working as an architectural technologist or a BIM Manager. Successful graduates find work in architectural practice, local authority, property development, housing associations, engineering, manufacturing or Building Information Modelling (BIM).

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Progression to Chartered Architectural Technologist (MCIAT) is possible by professional assessment and interview.

Did You Know?

For the Active Learning Year (Year 3), students are on a paid work placement. The work placement is structured in that 4 modules are completed with assignments being submitted online. Using the Active Learning Diary, students log their experience against professional competencies, ensuring that learning objectives are met.

Professional Accreditation

This programme is accredited by the registration (UK) body, the Chartered Institute of Architectural Technology (CIAT).

What will I study?

Year 1

- Architectural Project 1 and 2
- Construction Technology 1 and 2
- Mathematics 1
- Physics 1
- Technical Writing and Communication
- Building Services 1
- Construction Management Principles
- Land Surveying and GIS

Year 2

- Architectural Project 3 and 4
- Construction Technology 3 and 4
- Structural Design and Materials
- Architectural History and Conservation
- Applied Graphic Communications
- Site Organisation
- Building Services 2

Year 3 (Work Placement)

- Active Learning Diary and Professional Competencies
- Research Project
- Management Practice in the Built Environment
- Capstone Project

Year 4

- Architectural Project 5 and 6
- Building Energy Performance
- Statutory Approvals
- Dissertation Proposal
- Specification and Tendering Procedures
- Dissertation

Additional elective modules are available as an alternative to work placement

AU242 | Level 7 | Bachelor of Science

Construction (Common Entry)

Degree Award Options:
- Architectural Technology
- Construction Management

This is a common entry construction programme, with an award title of BSc in Architectural Technology or BSc in Construction Management. At the end of Year 1, learners choose either the Architectural Technology or Construction Management pathway, having had the opportunity to decide which best suits their interests, skills and ability. There is a year-long work placement on the BSc in Architectural Technology and a 6-week work placement on the BSc in Construction Management.

atu.ie/AU242

- 3 Years
- CAO POINTS 266 (Level 7 2023)
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Anne Boner
  Head of Department
  of Civil Engineering
  and Construction
  anne.boner@atu.ie

Special Features
The Integrated Project at ATU Donegal brings together all the construction/engineering disciplines into design teams, mimicking real-life situations and experience.

Career Opportunities
Key employers for architectural technologists are architectural practices, building and civil engineering consultancies, local and public authorities, building contractors and property developers.

Further Study Options
Successful graduates may apply to join Year 4 of the Level 8 programme in Construction Management or Architectural Technology depending on which pathway or specialism is selected.

Did You Know?
The Architectural Technologist and Construction Manager are key professionals in a multidisciplinary design team. Their roles have become increasingly important in the development and delivery of construction solutions using emerging technologies and building techniques, playing their part in the global implementation of Building Information Modelling (BIM).

Professional Accreditation
ATU Donegal holds Chartered Institute of Building (CIOB) accredited centre status. The BSc in Construction (Construction Management) is recognised for academic exemptions towards Chartered Membership of CIOB.

ATU Donegal is an academic partner of Chartered Assocation of Building Engineers (CABE).

What will I study?

Year 1
- Architectural Project 1 and 2
- Construction Technology 1 and 2
- Physics 1
- Mathematics 1
- Technical Writing & Communication
- Building Services 1
- Construction Mgmt. Principles
- Land Surveying and GIS

Architectural Technology
Year 2
- Architectural Project 3 and 4
- Construction Technology 3 and 4
- Structural Design and Materials
- Architectural History & Conservation
- Applied Graphic Communications
- Site Organisation
- Building Services 2

Year 3 (Placement Year)
- Active Learning Diary and Professional Competencies
- Research Project
- Management Practice in the Built Environment
- Capstone Project

Additional elective modules are available as an alternative to work placement

Construction Management
Year 2
- Architectural History and Conservation
- Mechanical & Electrical Scheduling
- Surveying 1
- Structural Design and Materials
- Measurement and Construction Economics
- Advanced Const. Technology
- Integrated BIM Project
- Renewable Energy Resources
- Project Control
- Building Services 2
- Site Organisation

Year 3
- BIM for VDC
- Financial Management
- Building Energy Management
- Fire Engineering
- Document Control and Public Procurement
- Digital Land Surveying
- Industry Case Study
- Professional Practice
- Work Placement with Project

AU241 | Level 7 | Bachelor of Engineering

Civil Engineering

Civil Engineering is concerned with most of the infrastructure that contributes to modern civilisation, enabling society to function. Civil Engineers are involved with the planning, design and construction of facilities for living, work and transportation. This programme is designed to provide a broad based 3-year training in the field of Civil Engineering from which graduates typically may complete two further years of study elsewhere to become honours Civil Engineering or Master of Engineering (MEng) graduates.

atu.ie/AU241

- 3 Years
- CAO POINTS 242 (Level 7 2023)
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Anne Boner
  Head of Department
  of Civil Engineering
  and Construction
  anne.boner@atu.ie

Career Opportunities
Graduate careers typically include working as a civil engineer, land surveyor or site engineer. Successful graduates find themselves working in civil, structural or environmental engineering; in local and central government and in the construction materials and processes industries.

Further Study Options
Many graduates of this Level 7 programme progress to Level 8 and Level 9 Civil Engineering programmes at other ATU campuses or universities at home or abroad. Progression honours degrees include a range of civil engineering and construction management options including the BSc Hons in Construction Management at ATU Donegal (Year 4).

Did You Know?
Private civil engineering contractors' roles include site management, design and detailing, project planning and estimating (civil works), consulting civil or structural or environmental engineers design projects and assess environmental impacts. Local and central government provide local services such as clean drinking water systems, safe road construction and new services development. Materials testing laboratories implement quality assurance of all materials used in the various construction processes.

Professional Accreditation
The BEng in Civil Engineering meets the Engineers Ireland education standard for the registration of Associate Engineer.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Structures 1 and 2
- Elementary CAD
- Construction Technology 1 and 2
- Mathematics 1 and 2
- Physics 1 and 2
- Technical Writing and Communication
- Construction Detailing and BIM
- Land Surveying and GIS

Year 2
- Structures 3 and 4
- Civil Engineering Methods
- Surveying 1 and 2
- Mathematics 3 and 4
- Materials Technology
- Fluid Mechanics
- Soil Mechanics 1
- Work Placement Preparation with Integrated Project
- Water and Wastewater Technology

Year 3
- Structures 5 and 6
- Mathematics 5 and 6
- Hydraulics
- Civil Engineering Materials
- Civil Engineering Project 1 and 2
- Civil Engineering Infrastructure
- Soil Mechanics 2
- Work Placement

Rhys Irwin

BSc (Hons) in Quantity Surveying

I chose to pursue a degree in Quantity Surveying at ATU because of my interest for construction and the building environment. The programme at ATU provided the perfect platform for me to develop these skills and follow my passion. My four years at ATU in Letterkenny were extremely enjoyable. I really appreciated the supportive environment and the wealth of knowledge I gained. The ATU staff were very accommodating, allowing me to balance both my academic and motorcycle racing aspirations.

During my third year at ATU, I had the unique opportunity to work as a trainee quantity surveyor at KCS Construction Consultancy. This year-long work placement was a pivotal part of my degree, allowing me to gain hands-on experience and apply my academic knowledge in a real-world setting.

AU341 | Level 8 | Bachelor of Science (Honours)
AU240 | Level 7 | Bachelor of Science

Quantity Surveying

The Quantity Surveying profession is at the forefront of ensuring that property owners receive value for money for the life cycle of construction projects. The BSc/BSc (Honours) Quantity Surveying programmes are designed for those who wish to work as professional quantity surveyors and contractors' economic managers in the construction industry. Developed in collaboration with industry, the qualifications will enable graduates to commence the process of becoming a chartered surveyor.

atu.ie/AU341
atu.ie/AU240

- 3/4 Years
- **CAO POINTS** 322 (Level 8 2023)
  242 (Level 7 2023)
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Anne Boner
  Head of Department
  of Civil Engineering
  and Construction
  anne.boner@atu.ie

Did You Know?

For the 'Active Learning Year' (Year 3), students are on a paid work placement. The work placement is structured in that 4 modules are completed with assignments being submitted online. Using the Active Learning Diary, students log their experience against professional competencies, ensuring that learning objectives are met.

Career Opportunities

Graduate careers include working as a quantity surveyor or construction cost manager. Successful graduates find work in professional quantity surveying (PQS), building contracting, property development, housing associations, local and central government, manufacturing industry or insurance and loss adjusting.

Further Study Options

Successful students can exit with a BSc in Quantity Surveying after 3 years or BSc (Honours) in Quantity Surveying after 4 years of study. ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Professional Membership of the Society of Chartered Surveyors Ireland (SCSI) following one year minimum of further work experience.

Professional Accreditation

ATU Donegal has obtained a partnership with the Society of Chartered Surveyors Ireland (SCSI). The honours degree is accredited by SCSI and also recognised by the worldwide professional body, the Royal Institution of Chartered Surveyors (RICS), by reciprocal agreement. The honours degree is accredited by CIOB for full academic exemption towards Chartered Membership (MCIOB).

Level 7 Accreditation: ATU Donegal holds Chartered Institute of Building (CIOB) Accreditation Centre status. The BSc in Quantity Surveying ordinary degree is recognised for academic exemptions towards Chartered Membership of CIOB.

What will I study?

Year 1

- Technical Writing and Communication
- Quantity Surveying Skills
- Elementary CAD
- Construction Technology 1 and 2
- Mathematics 1
- Measurement and Pre-Contract Cost Planning
- Construction Detailing and BIM
- Building Services 1
- Land Surveying and GIS

Year 2

- Measurement and Estimating 1 and 2
- Tendering and Procurement
- Advanced Construction Technology
- Building Contract Law
- Mechanical and Electrical Scheduling
- Economics
- Building Services 2
- Site Organisation
- Measurement Project

Year 3 (Work Placement)

- Active Learning Diary and Professional Competencies
- Research Project
- Management Practice in the Built Environment
- Capstone Project

Additional elective modules are available as an alternative to work placement

Year 4 (Level 8)

- Measurement and Development Project 1 and 2
- Financial Management
- Construction Law and Professional Ethics
- Dissertation Proposal
- Applied Contract Administration
- Financial Information for Decision Making in Construction
- Dissertation

Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

AU243 | Level 7 | Bachelor of Engineering

Building Engineering (Common Entry)

Degree Award Options:

- Building Engineering and Renewable Energy
- Fire Safety Engineering

This common entry building engineering programme leads to a Bachelor of Engineering award in Building Engineering and Renewable Energy or in Fire Safety Engineering. Learners have one elective option in the second semester and may, at the end of the first semester, choose either the Building Engineering and Renewable Energy or Fire Safety Engineering pathway, having had the opportunity to decide which best suits their interests, skills and ability. Building Engineering is an engineering discipline that involves design, construction and maintenance of building. It is also referred to as Architectural Engineering or Building Services Engineering. With a focus on renewable energy, the discipline also sits in the energy and environmental sector. Fire safety engineering is a broad discipline which covers a wide range of areas such as fire prevention, detection, escape, suppression and control.

atu.ie/AU243

- 3 Years
- 246 (Level 7 2023) CAO POINTS
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Anne Boner
  Head of Department
  of Civil Engineering
  and Construction
  anne.boner@atu.ie

Career Opportunities

Graduate Careers include working as a building engineer in building services design (consultancy or contracting), energy or renewables or working as a Fire Safety Engineer in a local authority, or in a fire engineering consultancy in both public and private sectors. Graduates may gain employment in a diverse range of engineering and construction sectors including renewable energy and fire safety, throughout Ireland and abroad.

Further Study Options

Graduates of this Level 7 programme may progress to the Level 8 Bachelor of Science (Hons) in Construction Management (Year 4). Graduates of the BEng in Fire Safety Engineering may progress to the BEng (Honours) in Fire Safety Engineering (Year 4).

Did You Know?

ATU Donegal is the only academic institution in Ireland to offer full-time undergraduate degrees in Fire Safety Engineering and is one of two to offer a degree in Building Engineering, with graduates of both disciplines being in demand and highly valued in rewarding careers. Professional institutions and employer's representatives in the industry are highlighting the impeding shortage of construction and engineering professionals within Ireland.

Common Entry

This is a common entry degree with award options in Building Engineering and Renewable Energy or Fire Safety Engineering.

Quick Fact

ATU Donegal is the only academic institution in Ireland to offer full-time undergraduate degrees in Fire Safety Engineering and is one of two only to offer a degree in Building. Engineering, with graduates of both disciplines being greatly in demand and highly valued in rewarding careers. Professional institutions and employer's representatives in the industry are highlighting the impeding shortage of construction and engineering professionals within Ireland. ATU Donegal has the only educational fire laboratory in the Republic of Ireland.

Professional Accreditation

It is expected that the BEng in Building Engineering and Renewable Energy and BEng in Fire Safety Engineering will meet the Engineers Ireland education standard for the registration of Associate Engineer (Sydney Accord).

ATU Donegal is an Academic Partner of Chartered Association of Building Engineers (CABE).

ENGINEERS IRELAND
ACCREDITED PROGRAMME

cabe chartered association of building engineers

What will I study?

Year 1 (Common Entry)

- Fire Technology 1 and 2
- Construction Technology 1 and 2
- Elementary CAD
- Physics 1 and 2
- Mathematics 1
- Technical Writing and Communication
- Building Services 1
- Building Engineering with Renewable Energy

Building Engineering and Renewable Energy

Year 2

- Building Engineering 1 and 2
- Electrical Services 2 and 3
- Mechanical and Electrical Scheduling
- Mathematics 3 and 4
- Fluids and Thermodynamics 1
- Lighting and Acoustics
- Site Organisation
- Design Project
- Renewable Energy Resources

Year 3

- Building Engineering 3 and 4
- Electrical Services 4
- Building Energy Modelling
- Mathematics 5 and 6
- Building Engineering Project
- Control Engineering for Building Services
- Professional Practice
- Work Placement with Project

Fire Safety Engineering

Year 2

- Fire Technology 3
- Advanced Construction Technology
- Mathematics 3 and 4
- Structural Design and Materials
- Fluids and Thermodynamics 1 and 2
- Measurement and Construction Economics
- Fire Science
- Site Organisation
- Building Services 2

Year 3

- Fire Safety Design
- Fire Dynamics
- Fire Service Operations
- Mathematics 5 and 6
- Fire Protection Systems
- Fire Design Project
- Work Placement with Project

AU361 | Level 8 | Bachelor of Science (Honours)

Computer Science

This three-year fast-track honours degree is designed for students with a background in computing, such as those who completed the Leaving Certificate Computer Science subject (O4 or H6), a GCE in Computing, or equivalent qualifications like a QQI FET Level 5 award in Computing. It helps learners quickly catch up on the core curriculum and progress to advanced topics. The program covers a broad range of core computing topics, including programming, databases, networking, machine learning, AI, and data science.

atu.ie/AU361

🕐 3 Years

CAO POINTS 308 (Level 8 2023)

Minimum Entry Requirements **PLUS**
▪ Computer Science O4/H6 **or**
▪ GCE in Computing

24 Places

Work Placement

Jade Lyons
Head of Department of Computing
jade.lyons@atu.ie

Career Opportunities

Graduate careers include working as a programmer, systems designer, storage and security manager, project manager, data analyst, data storage manager, database administrator, IT consultant or IT manager.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Students may take an optional one-year work placement after Year 2 to receive a Bachelor of Science (Honours) in Computer Science with Work Placement.

Quick Fact

Studying computer science can lead to high-demand careers with excellent job prospects and competitive salaries, as it equips students with skills essential for various industries including technology, finance, healthcare, and more.

What will I study?

Year 1
- Operating Systems
- Object Orientated Programming
- Social and Digital Communications
- Mathematics for Computing 1 and 2
- IT Infrastructure
- Algorithmic Programming
- Database Technology
- Cloud and Mobile Technologies

Year 2
- Advanced IT Infrastructure
- Academic and Technical Writing Skills
- Software Implementation
- Object Orientated System Analysis and Design
- AI and Machine Learning
- Scripting
- Cybersecurity
- Team Project
- Secure Programming
- Project Management
- Data Analytics
- Server-Side Scripting

Year 3
- DevOps
- Research in Computing with Emerging Technologies
- Software Engineering
- Computer Vision
- Client-Side Scripting
- Legal, Ethical and Social Issues in Computing
- Project Development
- UX Design
- Predictive Analysis
- Computer Science

Additional elective modules are available
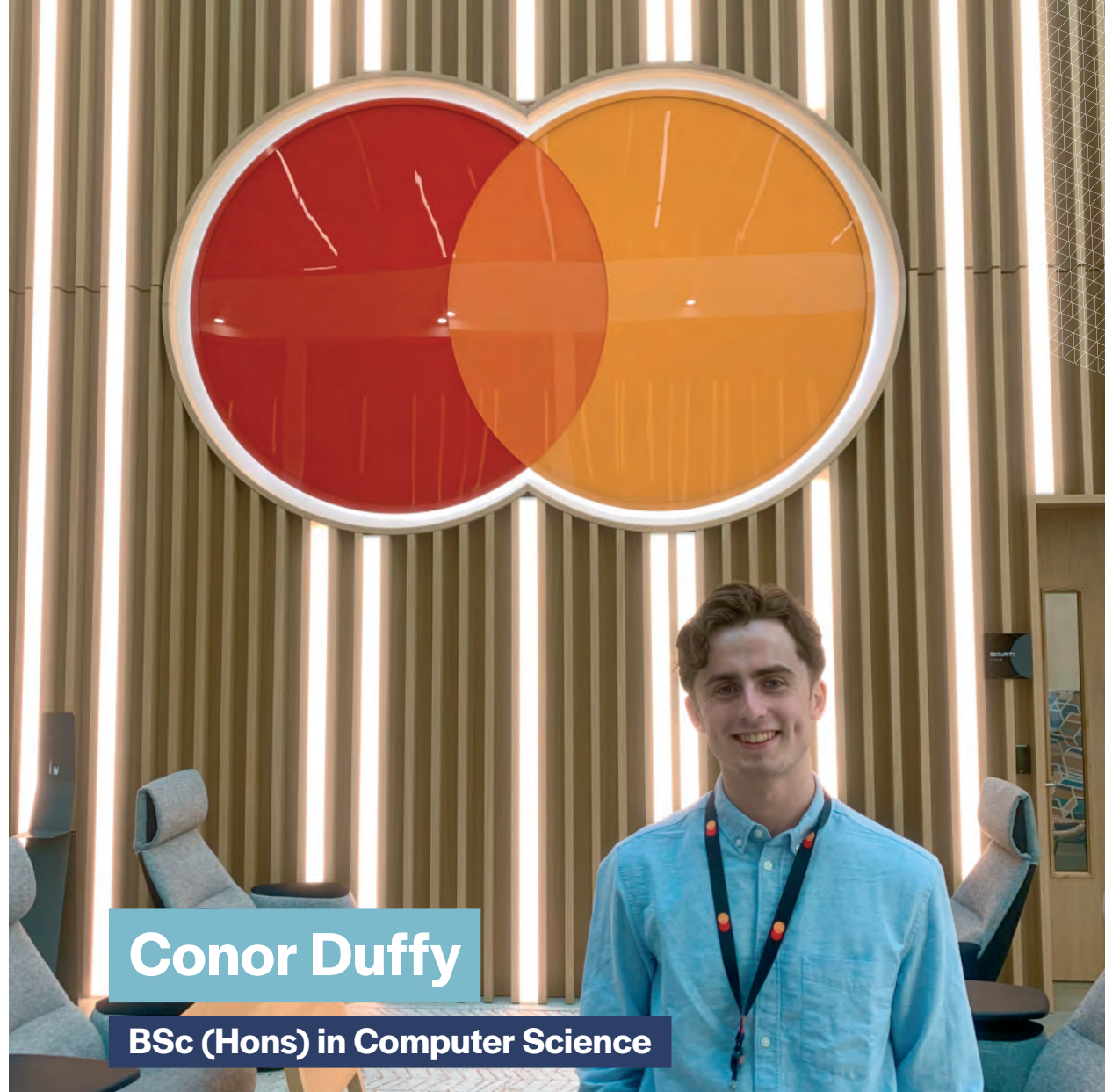
Conor Duffy

BSc (Hons) in Computer Science

I enjoyed many of the modules we did as a part of our programme, especially the Artificial Intelligence and Machine Learning module, and the Data Analytics module. These were exciting as many of our assignments were open ended and we got to choose our specific fields of research, meaning we could incorporate our everyday interests into our work.

I graduated last year, and after graduating I joined Mastercard as a Software Engineer as a part of their Launch Program in September 2023. I have greatly enjoyed this experience, and I could not have got to where I am now had it not been for the Computer Science Degree I obtained from ATU.

AU363 | Level 8 | Bachelor of Science (Honours)

Computing in Data Science and Artificial Intelligence

Data Science is the process of examining large amounts of data to uncover hidden patterns and other useful information. Such information can provide competitive advantages over rival organisations. This has been the big enabler for the expansion of Artificial Intelligence (AI). AI relies on the patterns found in data to make decisions. The bigger and better the quality of the data the better the decisions the AI makes.

atu.ie/AU363

4 Years

CAO POINTS 296 (Level 8 2023)

Minimum Entry Requirements

24 Places

Work Placement

Jade Lyons
Head of Department
of Computing
jade.lyons@atu.ie

Career Opportunities

Successful graduates find work in all aspects of business and computing, finance companies of all types, health care providers or research centres. Graduate careers include working in data analytics, machine learning, artificial intelligence, data storage and security programming.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

This programme offers an optional one-year work placement.

Quick Fact

Studying Data Science and AI provides many career opportunities, equipping students with skills in high-demand, rapidly evolving tech fields.

What will I study?

Year 1
- Introduction to Data Science
- Personal and Professional Development
- Introduction to Programming
- Computer Architecture and Operating Systems 1 and 2
- Mathematics for Computing 1
- Database Systems
- Mathematics and Statistics
- Introduction to Object Oriented Programming

Year 2
- Database Programming
- Network Fundamentals
- Object Oriented Analysis and Design
- Object Oriented Programming 2
- Scripting
- Data Warehousing for Business Analytics
- Big Data Architecture
- Algorithms and Data Structures
- Machine Learning

Year 3
- Work Placement
- Data Ethics and Governance
- Project Management
- Reporting and Visualisation
- Academic and Technical Writing Skills

Year 4
- Software Engineering
- Natural Language Processing
- Research in Computing with Emerging Technologies
- Data Analytics
- Legal, Ethical and Social Issues in Computing
- Computer Vision
- Project Development
- Predictive Modelling

Additional elective modules are available

AU362 | Level 8 | Bachelor of Science (Honours)

CyberPsychology

This programme gives the student a CyberPsychology multidisciplinary qualification across psychology and computing which is applicable to a wide range of organisations and systems. Students who enjoy technology and want to examine and prioritise the human factors in the development of online and digital environments will enjoy this programme. It will be of particular interest to students who wish to develop psychological insights into human interactions with digital technologies and learn how to apply this knowledge in a variety of sectors that deal with the human-computer interface point.

atu.ie/AU362

4 Years

CAO POINTS 310 (Level 8 2023)

Minimum Entry Requirements

24 Places

Work Placement

Jade Lyons
Head of Department
of Computing
jade.lyons@atu.ie

Career Opportunities

Graduates of this programme will become part of increasingly multi-skilled teams that design, deliver and regulate all manner of software and hardware solutions for humans and be able to work effectively in contemporary workflow settings in an effective and ethical manner.

The main employers of graduates from this programme are education, the games industry, software development, artificial intelligence, marketing and cybersecurity.

Graduate careers typically include virtual reality, design of AI systems, online marketing, research, online learning education, cybersecurity, game interaction design and usability testing.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You know?

It will be of particular interest to students who wish to develop psychological insights into human interactions with digital technologies and learn how to apply this knowledge in a variety of sectors that deal with the human-computer interface point.

Quick Fact

Studying CyberPsychology explores the impact of digital technology on human behavior, offering insights into online interactions and mental health.

What will I study?

Year 1
- Introduction to Psychology 1 and 2
- Preparatory Mathematics
- Personal and Professional Development
- Introduction to Computer Science
- Cyberethics: Individual and Organisational Factors
- Cyberpsychology: Theory and Application
- Human-Computer Interaction
- Introduction to Data Science

Year 2
- Statistics and Experimental Research Methods
- Interaction Design
- Fundamentals of Programming
- The Psychology of Online Leisure
- Digital Addictions, Cyberbullying and Crime
- UX Workshop
- Scripting with Python
- Data Ethics and Governance

Year 3
- Work Placement Year
- Academic and Technical Writing Skills (Online during placement)
- Reporting and Visualisation (Online during placement)

Year 4
- The Psychology of AR, VR and AI
- Mobile and Pervasive Computing
- Research in Computing with Emerging Technologies
- Explainable AI
- Software Engineering
- The CyberLifeSpan
- Consumer Behaviour in a Digital World
- Project Development
- Applied Data Analytics and Visualization
- Digital Health, Education and Employment

Additional elective modules are available

AU360 | Level 8 | Bachelor of Science (Honours)

Applied Computing

This programme is designed to give students experience of a range of modern computing skills. Students will learn cutting-edge programming techniques, data analytics, UX design, web architecture plus many other skills. With an excellent mix of lectures and practicals, students can practice honing core computational and problem-solving skills needed for today's technology-driven society. There is also an option to spend a semester in Year 3 studying in one of our partner universities in Europe or China.

atu.ie/AU360

🕐 4 Years

CAO POINTS 307 (Level 8 2023)

Minimum Entry Requirements

24 Places

Erasmus+

Jade Lyons
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of Computing
jade.lyons@atu.ie

Special Features

Students can choose to spend the first semester of Year 3 studying in one of our partner universities in Europe or China. A summer work placement is also available to students on this programme.

Career Opportunities

Successful graduates normally find work in software development houses, banks and insurance companies in addition to all areas of medicine, transport and education.

Graduate careers include software developer, software programmer, data analyst/scientist, mobile app developer, database manager, project manager, system designer or network engineer.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Applied computing focuses on real-world implementation of computer science principles.

What will I study?

Year 1
- Computer Architecture and Operating Systems 1 and 2
- Mathematics for Computing 1
- Introduction to Programming
- Personal & Professional Development
- Web Fundamentals
- Database Systems
- Introduction to Object Orientated Programming
- Python Scripting
- Introduction to Cloud and Mobile Technologies

Year 2
- Mathematics for Computing 2
- Network Fundamentals
- Object Orientated Programming 2
- Interaction Design
- Client-Side Scripting
- API Programming
- Algorithms and Data Structures
- Database Programming
- Network Services
- Commercial Programming 1
- Client-Side Development

Year 3
- Software Implementation
- Object Orientated Systems Analysis and Design
- Academic & Technical Writing Skills
- Integrated Infrastructure
- Commercial Programming 2
- Server-Side Programming
- Secure Programming
- Project Management
- Data Analytics
- Team Project
- ASP.NET Development
- Web Development Libraries
- Optional Placement

Year 4
- Advanced Algorithms and Data Structures
- DevOps
- Software Engineering
- Research in Computing with Emerging Technologies
- Cross Platform Development
- Web Component Development
- UX Design
- Legal, Ethical and Social Issues in Computing
- Development Project
- Data Science and AI
- Web Framework Development

Additional elective modules are available

AU260 | Level 7 | Bachelor of Science

Computer Games Development

This programme has been developed with the help of computer games companies. It covers the key skills, methods and techniques used in the development of computer games. The aim of this programme is to provide tomorrow's game developers for this growing sector of the Irish economy. The global computer games industry is an area with enormous potential for development. Worldwide, the value of the computer games industry is more than €85 billion.

atu.ie/AU260

🕐 3 Years

CAO POINTS 241 (Level 7 2023)

Minimum Entry Requirements

24 Places

Work Placement

Jade Lyons
Head of Department
of Computing
jade.lyons@atu.ie

Special Features

An optional award of a Certificate in Industry Studies is available for students who choose to do a summer work placement.

Career Opportunities

Successful graduates find work in games companies, mobile apps development companies and software houses. Graduate careers typically include working as a games developer, mobile apps developer, computer programmer, game designer, content developer or game engine developer.

Further Study Options

Level 7 graduates may apply for Year 4 of the Level 8 programme in Computer Games Development. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

The computer games industry in Ireland is a relatively young and growing industry, this programme has been developed with that in mind.

What will I study?

Year 1
- Introduction to Programming
- Personal and Professional Development
- Mathematics for Computer Graphics
- Web Fundamentals
- Computer Architecture and Operating Systems 1 and 2
- Introduction to Object Orientated Programming
- Introduction to Computer Games
- Database Systems

Year 2
- Object Orientated Programming 2
- Maths for Computing 2
- Network Fundamentals
- Introduction to Games Engines
- Games Design Workshop Narrative and Story
- API Programming
- Algorithms and Data Structures
- Database Programming
- 2D Game Environments
- Games Design Workshop Board Games

Year 3
- Object Orientated Systems Analysis and Design
- 3D Modelling for Games
- Software Implementation
- 3D Games Environments
- Academic and Technical Writing Skills
- Secure Programming
- Project Management
- Data Analytics
- Team Project
- 3D Maths and Physics for Games
- 3D Texturing and Animation for Games

Additional elective modules are available

AU262 | Level 7 | Bachelor of Science

Computing with Cybersecurity and Digital Forensics

This programme teaches students the skills, methods and techniques used in Cybersecurity and Digital Forensics with the aim of providing the Irish computer industry with high-quality experts in this rapidly growing field. Cybersecurity is about securing computer systems against all types of unauthorised access. However, no matter how secure a computer system is, it will still have vulnerabilities.

atu.ie/AU262

🕐 3 Years

CAO POINTS 250 (Level 7 2023)

Minimum Entry Requirements

👥 24 Places

Work Placement

✉ Jade Lyons
Head of Department of Computing
jade.lyons@atu.ie

Special Features

An optional award of a Certificate in Industry Studies is available for students who choose to do a summer work placement.

Career Opportunities

Successful graduates find work in companies running large computer networks, the payment card industry and in financial services companies. Graduate careers typically include working as a secure systems engineer, IT threat analyst, secure applications developer and tester, network engineer, communications specialist, internet support specialist, computer programmer, project manager, cybersecurity applications developer or digital forensics investigator.

Further Study Options

Level 7 graduates may apply for Year 4 of the Level 8 programme in Cybersecurity and Digital Forensics. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

Digital Forensics is about detecting intruders, analysing what they have done to a computer system, tracking and identifying the intruder and creating a portfolio of evidence about the intruder's activities to assist with a successful prosecution.

What will I study?

Year 1
- Introduction to Programming
- Computer Architecture and Operating Systems 1 and 2
- Mathematics for Computing 1
- Personal and Professional Development
- Web Fundamentals
- Introduction to Object Orientated Programming
- Introduction to Ethical Hacking
- Introduction to Digital Forensics and Evidence
- Database Systems

Year 2
- Network Fundamentals
- Object Orientated Programming 2
- Mathematics for Computing 1 and 2
- Advanced Ethical Hacking
- Advanced Digital Forensics 1 and 2
- API Programming
- Algorithms and Data Structures
- Database Programming
- Network Services
- Web App Security
- Scripting (Python)

Year 3
- Object Orientated Systems Analysis and Design
- Secure Systems Administration
- Automation
- Academic and Technical Writing Skills
- Integrated Infrastructure
- Law of Evidence
- Secure Programming
- Project Management
- Data Analytics
- Team Project
- Secure Network Services
- Mathematics for Cryptography

Additional elective modules are available

AU261 | Level 7 | Bachelor of Science

Computing

This programme provides students with the theoretical and practical skills they need to participate fully in the rapidly growing computing industry. This programme also provides a strong core set of competencies in general computing. Ireland is the world's largest exporter of computer software. This means that there are excellent opportunities for finding well-paid employment after graduation. Additionally, because computers are used in almost every area of modern life, the range of opportunities and types of jobs are endless.

atu.ie/AU261

🕐 3 Years

CAO POINTS 178 (Level 7 2023)

Minimum Entry Requirements

👥 24 Places

Work Placement

✉ Jade Lyons
Head of Department of Computing
jade.lyons@atu.ie

Special Features

An optional award of a Certificate in Industry Studies is available for students who choose to do a summer work placement.

Career Opportunities

Successful graduates find work in all types and sizes of computing companies, banks, insurance companies, medical IT, eCommerce and web development.

Graduate careers include working as a software developer and tester, data analytics engineer, database designer and developer, mobile apps developer, database developer and web developer.

Further Study Options

Level 7 graduates may apply for Year 4 of the Level 8 programme in Computing. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

The world's first electronic computer, the Colossus, was built in 1943.

What will I study?

Year 1
- Computer Architecture and Operating Systems 1 and 2
- Mathematics for Computing 1
- Introduction to Programming
- Personal and Professional Development
- Web Fundamentals
- Database Systems
- Introduction to Object Orientated Programming
- Python Scripting
- Introduction to Cloud and Mobile Technologies

Year 2
- Object Oriented Programming 2
- Mathematics for Computing 2
- Network Fundamentals
- Automation
- Client-Side Scripting
- API Programming
- Algorithms and Data Structures
- Database Programming
- Network Services
- Data Storage
- Client-Side Development

Year 3
- Object Orientated Systems Analysis and Design
- Integrated Infrastructure
- Software Implementation
- Secure Systems Administration
- Server-Side Programming
- Academic and Technical Writing Skills
- Team Project
- Project Management
- Data Analytics
- Secure Programming
- Secure Network Service
- Web Development Libraries

Additional elective modules are available

AU351 | Level 8 | Bachelor of Engineering (Honours)

Electronic Engineering

Electronic Engineering is a four-year programme that will prepare you for an exciting career working with and developing modern technology. The programme includes an extended work placement which will significantly enhance your career opportunities. You really will be at the forefront of the future. Applications in the field of electronic engineering can range from nanotechnology to large scale systems, impacting areas including mobile and wireless communications, the Internet of Everything, robotics and automation, computing and networking, and even biotechnology and biomedical devices.

atu.ie/AU351

4 Years

CAO POINTS 309 (Level 8 2023)

Minimum Entry Requirements

40 Places

Work Placement

Dr Emmett Kerr
Head of Department
of Electronic &
Mechanical Engineering
emmett.kerr@atu.ie

Special Features

The programme includes an extended work placement.

Did You Know?

Electronic Engineers are central to almost all aspects of modern life. This course positions you to take full advantage of this reality.

Career Opportunities

Successful graduates find work in the Medical Devices Industry, Technical Sales & Marketing, Product Designer, Technical Sales Manager, Research Engineer and Technical Support Manager.

Further Study Options

Under an articulation agreement with Edinburgh Napier University graduates of this course are eligible for entry to the 1-year full-time Master of Science in Engineering course. The Master of Science in Engineering is accredited by the Institution of Engineering and Technology (IET) as satisfying the educational requirements for Chartered Engineer or Students maybe progress to a Master degree by research.

Professional Accreditation

The programme is accredited at associate level by Engineers Ireland.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Mathematics 1 & 2
- Engineering Science 1 &2
- Computing for Engineering
- Engineering Drawing & CAD
- Engineering Problem Based Learning 1 & 2
- Programming 1
- Analogue Electronics 1
- Engineering Workshop Technology 1

Year 2
- Mathematics 3 &4
- Electrical Technology 1 &2
- Programming 2
- Communications Fundamentals
- Analogue Circuit Design 1 & 2
- Microcontrollers
- Instrumentation

Year 3
- Mathematics 5 & 6
- L7 Project 1 & 2
- Embedded Systems 1
- Digital Communications & Transmission
- Automation Technology 1
- Analogue Electronics 2
- Wireless Communications
- Engineering Management 1

Year 4
- Automation Technology 2
- L8 Project 1
- Embedded Systems 2 & 3
- Communications Technologies for Embedded Systems
- VHDL & Programming
- Engineering Management 2
- Data Science & Machine Learning
- L8 Project 2
- Networking of Embedded Systems
- Professional Practice

Conor Cleary

BEng (Hons) in Electronic Engineering

I chose Electronic Engineering as I was fascinated by how so many different electronic devices impact our daily lives, and being able to learn about how these components can be used and developed to create new and better things greatly interested me.

My favourite part of this programme would be the third year project modules that electronic students undertake in their time at ATU. This module really gives you the opportunity to become very skilled in your own field of study, it is great to work on something that you are passionate about, and to be able to see the end product after working on it throughout the year.

AU350 | Level 8 | Bachelor of Engineering (Honours)
AU251 | Level 7 | Bachelor of Engineering

Mechanical Engineering

If it moves, mechanical engineers can design and build it. Students who are curious about how energy, materials and mechanics are used to create machines and equipment will enjoy this programme. Think of the innovation and creativity behind the equipment used in space shuttles, biotechnology, robots, Formula One race cars and aircraft gas turbine engines – mechanical engineering is at the forefront of innovation and plays a role in some of the most exciting areas of life. Students who enjoy working in this area are inventive and creative as well as logical and numerate.

atu.ie/AU350
atu.ie/AU251

🕐 3/4 Years

CAO POINTS 321 (Level 8 2023)
245 (Level 7 2023)

Minimum Entry Requirements

40 Places

Work Placement

Dr Emmett Kerr
Head of Department
of Electronic &
Mechanical Engineering
emmett.kerr@atu.ie

Special Features

An optional award of a Certificate in Industry Studies is available for students who choose to do a summer work placement.

Did You Know?

The need for mechanical engineers in Ireland and the UK has remained a constant in recent years. Mechanical Engineers are very versatile and can be employed in a broad range of roles across many industries giving graduates the opportunity to find the industry and role that fits them best.

Career Opportunities

Successful graduates find work in the manufacturing, mechanical, and industrial engineering industries. Graduate careers include working as a product and process designer, production or general manager, facilities engineer, maintenance or energy systems engineer, technical support manager, or research engineer. They may also find work in technical sales, marketing and management in related industries.

Further Study Options

Successful students can exit with a BEng in Mechanical Engineering after three years or BEng (Honours) in Mechanical Engineering after four years of study. Level 7 graduates may apply for entry into Year 4 of the Level 8 programme in Mechanical Engineering. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Mechanical engineers are skilled problem solvers. They analyse complex problems and develop innovative solutions to improve performance and efficiency.

Professional Accreditation

The BEng (Hons) in Mechanical Engineering meets the education standard for registration with Engineers Ireland as an Associate Engineer.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Mathematics 1 & 2
- Engineering Science 1 & 2
- Computing for Engineering
- Engineering Drawing & CAD
- Engineering Problem Based Learning 1 & 2
- Programming 1
- Analogue Electronics 1
- Engineering Workshop Technology

Year 2
- Mathematics 3 & 4
- Mechanics 1 & 2
- Mechanical Design 1 & 2
- Engineering Workshop Technologies 2
- Engineering Materials
- Manufacturing CNC 1 & 2
- Instrumentation
- Thermodynamics

Year 3
- Mathematics 5 & 6
- Mechanics 3 & 4
- Mechanical Design 3 & 4
- Automation Technology 1
- Pneumatics
- L7 Automation Project Design
- Engineering Management 1
- Hydraulics
- L7 Automation Project Build

Year 4 (Level 8)
- Automation Technology 2
- Mechanics 5
- Engineering Simulation & Data Analysis
- Engineering Management 2
- Thermodynamics & Renewable Energy 1 & 2
- L8 Project 1
- Data Science & Machine Learning
- Advanced Computer Aided Engineering
- Professional Practice
- L8 Project 2

Additional elective modules are available

AU354 | Level 8 | Bachelor of Engineering (Honours)

Electric Vehicle Engineering

This programme has been designed to allow graduates to work in an industry embarking on the rapid transition to electrified propulsion, namely Electric Vehicle. We are delighted to be supported in the roll-out of this course by Jaguar Land Rover and Hyundai who are major players in Ireland in the transition to Electric Vehicles. The programme covers technology associated a wide range of vehicles, including cars, public transport vehicles, goods vehicles, and specialist industrial vehicles.

atu.ie/AU354

🕐 4 Years

CAO POINTS NEW Programme

Minimum Entry Requirements

30 Places

Dr Emmett Kerr
Head of Department
of Electronic &
Mechanical Engineering
emmett.kerr@atu.ie

Career Opportunities

Graduates may find work with electric vehicle manufacturers as EV Design Engineer, EV Powertrain Engineer, EV Systems Engineer, Fuel Cell Engineer.

Further Study Options

Graduates may progress to a Master degree by research.

Did You Know?

A revolutionary shift in the automotive industry is occurring with manufacturers committed to phasing out fossil fuel-based automotive transport in favour of renewable alternatives. The Irish Government has set a target to have 936,000 of the cars registered in Ireland electrified by 2030. This programme is designed to get us there.

Quick Fact

With the fast growth in the advancement of technology in this field, the need for skilled professionals, specifically electric vehicle engineers have increased the number of demands.

What will I study?

Year 1
- Mathematics 1 & 2
- Engineering Science 1 & 2
- Computing for Engineering
- Engineering Problem Based Learning 1 & 2
- Engineering Drawing & CAD
- Programming 1
- Engineering Workshop Technology 1
- Analogue Electronics 1

Year 2
- Mathematics 3 & 4
- Mechanical Design 1 & 2
- Engineering Materials
- Mechanics 1 & 2
- EV Power Electronics Design
- Automotive Components
- EV Control Systems 1
- Electric Vehicle Manufacturing
- Electric Vehicle Low Voltage and High Voltage Systems

Year 3
- Mathematics 5 & 6
- Mechanics 3
- Mechanical Design 3 & 4
- EV Drive Systems
- Thermodynamics and Battery Technology
- EV Project Design
- EV Control Systems 2
- High Voltage design and Hardware
- EV Project Build
- Engineering Management 1

Year 4
- Engineering Management 2
- Thermodynamics and Renewable NRG 1
- Engineering Simulation and Data Analysis
- Vehicle Chassis Dynamics
- EV Instrumentation
- EV Development Project 1 & 2
- Data Science & Machine Learning
- Advanced Computer Aided Engineering
- Professional Practice
- EV Platform Integration and Testing

AU391 | Level 8 | Bachelor of Science (Honours)

Health and Social Care

This is a four-year Bachelor of Science (Hons) in Health and Social Care. Students develop the skills necessary to assimilate an understanding of the complex and diverse nature of the subject, as well as more general or specialised skills which will be widely transferable. Students will undertake a critical examination of contrasting perspectives which provide insight into the varied experience of health and social care.

atu.ie/AU391

⏰ 4 Years

🎓 **CAO POINTS** 307 (Level 8 2023)

📋 Minimum Entry Requirements **PLUS**
- Garda Vetting
- Mandatory training: as outlined by programme schedules. This is required prior to students going on placement.
- Student Health and Social Care Declaration Work Placement: Students may be required to complete a medical assessment. Students are required to complete a total of 840 hours of practice placement. Placement allocations may be anywhere within the Republic of Ireland.

👥 30 Places

📇 Work Placement

✉ Dr Nigel McKelvey Head of Department of Early Education and Social Studies nigel.mckelvey@atu.ie

Special Features

Practical skills are developed through two 12-week block placements in the second and third years, under the guidance of experienced professionals. Practice placement is where a social care student demonstrates their achievement of the Social Care Standards of Proficiencies (SOP) as set out by CORU. This programme is responsive to changing landscape of social care practice. This program is designed to provide you with the comprehensive knowledge and skills for a rewarding career in Social Care.

Career Opportunities

Successful graduates find work in adult services, health awareness and promotion, care of the elderly, childcare, youth work and community development, womans aid and intellectual disability services. Graduate careers typically include working as a residential child carer, respite carer, adult services officer, health promotion officer, carer in a nursing home, or youth work and community development officer.

Further Study Options

Graduates may progress to the Master of Science in Advancing Health and Social Care or the Master of Science in Therapeutic Interventions in Alcohol and Other Drugs. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Professional Accreditation

This BSc (Hons) in Health and Social Care programme has made an application for approval by CORU.

What will I study?*

* Module titles may change in order to align with CORU requirements

Year 1
- Introduction to Psychology for Social Care
- Professional Communication in Social Care Practice
- Introduction to Sociology for Social Care
- Advocating for Health and Safety in Social Care
- Social Care and Disability
- Preparation for Social Care Practice 1&2
- Creative Practice in Social Care
- Law and Ethics in Social Care
- Assessment and Therapeutic Responses to Behaviours of Concern

Year 2
- Practice Placement & CPD 1
- Positive Ageing in Social Care
- Health Promotion and Self Care
- Professional Practice 1: The Reflective and Ethical Practitioner
- Mental Health Across the Lifespan

Year 3
- Research Processes and Methods for Social Care
- Social Care Work for Children, Families and Residential Care Services
- Professional Practice 2: Relationships, Conflict and Mediation in Social Care
- Social Policy, Evidence and Social Care Practice
- Climate Change and the Future of Youth and Community Work
- Practice Placement and CPD 2

Year 4
- Social Care Research: Integrating Theory, Practice and Evidence
- Professional Mentoring, Management and Development in Social Care
- Professional Practice 3: Continuing Professional Development Project
- Advancing Equality, Social Justice and Human Rights in Social Care Practice
- Therapeutic Interventions in Social Care
- Approaches to Addiction: Integrating Theory with Practice in Social Care
- Dissertation

AU390 | Level 8 | Bachelor of Science (Honours)
AU190 | Level 6 | Higher Certificate in Science

Early Childhood Care, Health and Education

We learn throughout our lives, it begins the day we are born and the early years are critical to that learning. Young children use all their senses to discover the world and adults involved in their education must do likewise. Working with young children requires patience and energy, commitment and dedication, but most of all it demands creativity and a sense of fun. Young children live in the present and the role of an early years educator is to cultivate appropriate care and developmental environments for those children to grow in body and mind.

atu.ie/AU390
atu.ie/AU190

⏰ 2/4 Years

🎓 **CAO POINTS** 302 (Level 8 2023)
161 (Level 6 2023)

📋 Minimum Entry Requirements **PLUS**
- Garda Vetting
- Mandatory training: as outlined by programme schedules. This is required prior to students going on placement.
- Health Declaration
- Practice placement: students may be required to complete a medical assessment

👥 30 Places

📇 Work Placement

🇪🇺 Erasmus+ (Level 8)

✉ Dr Nigel McKelvey Head of Department of Early Education and Social Studies nigel.mckelvey@atu.ie

Special Features

Placement is an integral part of the programme and students will undertake placement in childcare settings located in Donegal. Students may be required to complete a medical self-assessment declaration form and be subject to a medical assessment/screening and vaccination programme for placements in specific areas.

Career Opportunities

Successful graduates find work in early education and care, education, and the health services. Graduate careers include working as a specialist advisor, family support and community worker or primary school teacher.

Further Study Options

Level 6 graduates may apply for Year 3 of the Level 8 programme in Early Childhood Care, Health and Education. Level 8 graduates may progress to the Masters of Science in Advancing Health and Social Care. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

The programme is designed to provide students with the knowledge, skills, and competencies needed to support the inclusion of all children in early childhood settings.

What will I study?

Year 1
- Educational Psychology and Inquiry Based Learning
- Introduction to Psychology and Sociology
- Professional Etiquette and Academic Attainment
- Curriculum Approaches
- Introduction to Irish Law
- Child Protection and Safeguarding Vulnerable Persons
- The Early Years Environment
- Understanding Children's Behaviour

Year 2
- Practice Placement 1
- Child Health and Disability
- Creativity and Process Based Play
- Equality and Diversity in ECEC
- Pedagogical Leadership

Year 3 (Level 8)
- Communication in the Early Years
- Developmental Psychology
- Positive Partnerships and Family Support in ECEC
- Research Methods and Processes for Early Childhood
- Practice Placement 2 or International Study and Placement or Study Abroad

Year 4 (Level 8)
- Comparative Education
- Research for evidence-based practice
- Leadership and Supervision in ECEC
- Practice Placement 3
- Children with Additional Needs
- Outdoor Play and Risk Mastery
- Curricula and Playful Pedagogy in Primary Education
- Mentoring and Professional Development

Additional elective modules may be available

AU290 | Level 7 | Bachelor of Science

Inclusive Practice for Special Needs Assistance

Working in the education sector is an important job which comes with significant responsibilities. Learners on this programme will become part of increasingly multi-skilled teams in the workplace. We will equip graduates to work effectively in contemporary educational contexts and will qualify graduates to work in primary and post-primary settings as Special Needs Assistants (SNAs) with specialisms in Inclusive Practice. This innovative programme is further designed to enable SNAs across primary and post-primary sectors to integrate inclusive practice into their working environments.

atu.ie/AU290

🕐 3 Years

CAO POINTS 199 (Level 7 2023)

Minimum Entry Requirements PLUS
- Garda Vetting
- Mandatory training: as outlined by programme schedules. This is required prior to students going on placement.
- Health Declaration
- Practice placement: students may be required to complete a medical assessment

25 Places

Work Placement

Dr Nigel McKelvey
Head of Department of Early Education and Social Studies
nigel.mckelvey@atu.ie

Career Opportunities

Graduates find work in childcare, education, and the health services. Graduate careers include working as an SNA in primary or post primary schools, special schools and Autism Spectrum Disorder (ASD) classrooms, as advisors in Inclusive Practice or as a classroom assistant.

Further Study Options

A one-year Level 8 add-on programme will be available in due course.

Did You Know?

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.

Quick Fact

Studying Inclusive Practice for Special Needs Assistance equips professionals with skills to support diverse learners, fostering inclusive and equitable education environments.

What will I study?

Year 1
- Human Anatomy and Physiology
- Introduction to Law
- Academic Attainment and IT skills
- The Role of the SNA
- Play, Recreational Activities and the Developing Child
- Child Protection and Safeguarding Vulnerable Adults
- Care Skills: Principles, Ethics and Practices
- Diversity Inclusion and Policy

Year 2
- Health and Well-Being
- Law, Disability, Special Needs and Children's Rights
- Autism Advocacy
- Functional Behaviour and Positive Support
- Family Support and Positive Partnerships
- Supporting the Curriculum Across the Lifespan
- Observations and Support Plans
- Practice Placement 1

Year 3
- Introduction to Health Promotion
- Speech, Language and Communication Needs
- Developmental Psychology in Childhood and Adolescence
- Research Studies
- Reflective Practice
- Disability and Effective Practices
- Technology to Foster Engagement
- Practice Placement 2

Additional elective modules may be available.

Laura Mc Hugh

BSc in Inclusive Practice for Special Needs Assistance

I have enjoyed my time studying at ATU. I find the programme interesting, and the lectures are very helpful if you have a question about a particular topic. I also like that I am a part of a small class group as this gives us more time to discuss a certain topic that you might not understand.

This year we went on placement for 8 weeks and I really enjoyed it. It really gave me the opportunity to put all the theory I have learned over the past two years into practice, and it helped me understand more about the role of a special needs assistant in a school setting.

AU370 | Level 8 | Bachelor of Science (Honours)

Food Science and Nutrition

This programme will provide learners with a broad knowledge of food science and in particular food and nutrition. Food science and nutrition are at the centre of everyone's life. What we eat, how our food is made and developed, and how our diets affect our bodies are at the forefront of this programme.

atu.ie/AU370

- 4 Years
- **CAO POINTS** 301 (Level 8 2023)
- Minimum Entry Requirements
- 28 Places
- Work Placement
- Dr Kim McFadden
  Head of Department of Life and Physical Sciences
  kim.mcfadden@atu.ie

Special Features

Students will gain a deep understanding of the relationship between diet and disease, how changing consumer lifestyles can impact our health, as well as how the modern food industry operates. Students will learn about food production and processing, and study the nutritional properties, quality and safety of food products, acquiring knowledge of human biochemistry, nutrition and dietary analysis.

Work Placement

Placement is an integral part of the course. The aim of the placement is to provide learners with an opportunity to gain skills, experience and competence. Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

Career Opportunities

Successful graduates find work in the food industry, government agencies and food nutrition sectors. Graduate careers include working as a food product developer, food production supervisor or food quality and safety analyst.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

This programme caters to students who aspire to work in food production, quality assurance, nutrition, and product development, emphasising future foods and the impact of food on health in Ireland and around the world.

What will I study?

Year 1
- Introductory Biology
- Chemistry 1 and 2
- Physics 1 and 2
- Mathematical Skills for Science 1 and 2
- Transferable Skills 1
- Laboratory Skills and Safety
- Animal and Plant Biology
- Communications and IT Skills
- Science and Society

Year 2
- Food Technology
- Data Methods for Science
- Biochemistry
- Food Instrumentation
- Human Nutrition
- Food Chemistry
- Anatomy and Physiology
- Fundamentals of Microbiology
- Plant Food Technology

Year 3
- Dairy and Meat Technology
- Food Microbiology
- Dietary Evaluation
- Quality Systems and Auditing
- Work Placement

Year 4
- Food Fermentation
- Food Product Development and Sensory Evaluation
- Food Safety and Security
- Clinical Nutrition and Health Promotion
- Food Processing
- Operation Management and Lean Technologies
- Sports Nutrition
- Advanced Food Chemistry and Analysis

Additional elective modules may be available.

AU373 | Level 8 | Bachelor of Science (Honours)

Pharmaceutical and Medicinal Science

This programme covers the full range of core subjects in science and in particular pharmaceutical science and medical devices. Pharmaceutical scientists have key analytical skills which can be applied in many industrial, research and government laboratories. This programme is intrinsically multidisciplinary in nature and emphasises the importance of analytical and medicinal sciences to the modern pharmaceutical, and medicinal product sectors as well as related chemical industries.

atu.ie/AU373

- 4 Years
- **CAO POINTS** 322 (Level 8 2023)
- Minimum Entry Requirements
- 32 Places
- Dr Kim McFadden
  Head of Department of Life and Physical Sciences
  kim.mcfadden@atu.ie

Special Features

Students spend extensive time in a range of well-equipped laboratories during this programme.

Career Opportunities

Successful graduates find work in the pharmaceutical and medical device sector and government agencies. Graduate careers include working as an analytical scientist, R&D scientist, quality specialist or secondary school teacher.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

Studying Pharmaceutical and Medicinal Science equips students with expertise in drug development, formulation, and the therapeutic effects of medicines.

What will I study?

Year 1
- Introductory Biology
- Chemistry 1 and 2
- Physics 1 and 2
- Mathematical Skills for Science 1 and 2
- Transferable Skills 1
- Laboratory Skills and Safety
- Animal and Plant Biology
- Communications and IT Skills
- Science and Society

Year 2
- Biochemistry
- Organic Chemistry
- Instrumentation 1 and 2
- Data Methods for Science
- Physical Chemistry
- Inorganic Chemistry
- Medicinal Drug Discovery

Year 3
- Pharmaceutical Chemistry
- Pharmaceutical Microbiology
- Cleanroom Technology
- Research Skills
- Pharmacology
- Medicinal Drug Analysis
- Environmental Science
- Pharmaceutical Processes and Medical Devices
- Quality and Regulations

Year 4
- Analytical Science
- Research Project Design
- Toxicology
- Medicinal Chemistry
- Research Project
- Medicinal Protein Chemistry
- Pharmaceutical Processes
- Operation Management and Lean Techniques

Additional modules may be available

AU372 | Level 8 | Bachelor of Science (Honours)

Bioanalytical Science

Bioanalytical Science provides a clear knowledge of the underlying concepts behind modern bioanalytical techniques and the application of these techniques in the areas of biotechnology, pharmaceutical, and related industries and in environmental analysis. Students will gain technical competence in analytical biochemical, genetic, immunological and microbiologically based analytical methodologies and the skills and knowledge required to work in the biotechnology and pharmaceutical industries as well as in state scientific agencies.

atu.ie/AU372

4 Years

CAO POINTS 319 (Level 8 2023)

Minimum Entry Requirements

32 Places

Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Career Opportunities

Successful graduates find work in the biopharmaceutical, environmental and education sectors. Graduate careers include working as a bioscientist, laboratory technician, quality analyst or secondary school teacher.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

On completion of this programme, students will have knowledge and understanding of specific theories, concepts and principles in biopharmaceutical processes, industrial microbiology, molecular biology and analytical science. Students will have acquired methods for generating, processing, interpreting and presenting information in those areas. They will also have the ability to identify, define and resolve complex problems through biopharmaceutical processes.

Quick Fact

Bioanalytical Science at ATU Donegal provides expertise in analytical techniques, preparing students for careers in pharmaceuticals and biotechnology.

Professional Accreditation

Meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Biology'.

What will I study?

Year 1
- Introductory Biology
- Chemistry 1 and 2
- Physics 1 and 2
- Mathematical Skills for Science 1 and 2
- Transferable Skills 1
- Laboratory Skills and Safety
- Animal and Plant Biology
- Communications and IT Skills
- Science and Society

Year 2
- Data Methods for Science
- Instrumentation 1 and 2
- Biochemistry
- Ecosystems
- Biomolecules and Disease
- Fundamentals of Microbiology
- Anatomy and Physiology

Year 3
- Genetics and Recombinant DNA
- Applied Microbiology and Clean Room Technology
- Research Skills
- Pharmacology
- Applied Immunology
- Environmental Analysis
- Quality and Regulations
- Cell Culture

Year 4
- Analytical Science
- Molecular Biology
- Research Project Design
- Research Project
- Biopharmaceutical Processes
- Medicinal Protein Chemistry
- Operational Management and Lean Techniques

Additional elective modules may be available

Katelyn NicAoidh

BSc (Hons) in Bioanalytical Science

I wanted to stay local. I am a big homebird and wasn't ready to leave home. The options available in the university made this extremely easy for me and it allowed me to integrate my love for Science and Donegal into one.

The practical aspect of the course was brilliant. After my third year I obtained a job with Randox for the summer and felt that my lab skills were excellent which allowed me to excel in the workplace. I have just completed the Máistir Gairmiúil san Oideachas (MGO) in the University of Galway.

AU270 | Level 7 | Bachelor of Science

Science
(Common Entry)

Degree Award Options:

• **Bioanalytical Science**

• **Food Science and Nutrition**

• **Pharmaceutical and Medicinal Science**

This Bachelor of Science Level 7 programme in Bioanalytical Science or Food Science and Nutrition or Pharmaceutical and Medicinal Science is a broad introduction to this exciting field of science. This programme will give learners the opportunity to discover which area of science - Bioanalytical Science, Food Science and Nutrition or Pharmaceutical and Medicinal Science - is right for them.

atu.ie/AU270

🕐 3 Years

CAO POINTS 180 (Level 7 2023)

☑ Minimum Entry Requirements

👥 32 Places

📋 Work Placement

✉ Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

Students who chose the Food Science and Nutrition degree award option can take a work placement in Year 3.

Quick Fact

Choosing Science (Common Entry) opens pathways to specialise in Bioanalytical Science, Food Science and Nutrition, or Pharmaceutical and Medicinal Science, offering diverse career opportunities.

Career Opportunities

Bioanalytical graduate careers include working as a bioscientist, laboratory technician, quality analyst or secondary school teacher.

Food Science and Nutrition graduate careers include working as a food product developer, food production supervisor or food quality and safety analyst.

Pharmaceutical and Medicinal Science graduate careers include working as an analytical scientist, research and development scientist, quality specialist or secondary school teacher.

What will I study?

Year 1

• Introductory Biology
• Chemistry 1 and 2
• Physics 1 and 2
• Mathematical Skills for Science 1 and 2
• Transferable Skills 1
• Laboratory Skills and Safety
• Animal and Plant Biology
• Communications and IT Skills
• Science and Society

Further Study Options

Graduates may apply internally to progress to Year 4 of their chosen Level 8 programme in either Food Science and Nutrition, Pharmaceutical and Medicinal Science or Bioanalytical Science. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Common Entry

At the end of the first year, students will choose which degree award option to take thus furthering their study and opening up numerous career opportunities including becoming a biology teacher, quality manager or biopharmaceutical scientist.

Food Science and Nutrition

Year 2

• Food Technology
• Data Methods for Science
• Biochemistry
• Food Instrumentation
• Human Nutrition
• Food Chemistry
• Anatomy and Physiology
• Fundamentals of Microbiology
• Plant Food Technology

Year 3

• Dairy and Meat Technology
• Food Microbiology
• Dietary Evaluation
• Quality Systems and Auditing
• Work Placement

Additional modules may be available

Bioanalytical Science

Year 2

• Data Methods for Science
• Instrumentation 1 and 2
• Biochemistry
• Ecosystems
• Biomolecules and Disease
• Fundamentals of Microbiology
• Anatomy and Physiology

Year 3

• Genetics and Recombinant DNA
• Applied Microbiology and Clean Room Technology
• Research Skills
• Pharmacology
• Applied Immunology
• Environmental Science
• Quality and Regulations
• Cell Culture

Additional modules may be available

Pharmaceutical and Medicinal Science

Year 2

• Biochemistry
• Organic Chemistry
• Instrumentation 1 and 2
• Data Methods for Science
• Physical Chemistry
• Inorganic Chemistry
• Medicinal Drug Discovery

Year 3

• Pharmaceutical Chemistry
• Pharmaceutical Microbiology and Cleanroom Technology
• Research Skills
• Pharmacology
• Medicinal Drug Analysis
• Environmental Science
• Pharmaceutical Processes and Medical Devices
• Quality and Regulations

Additional modules may be available

AU271 | Level 7 | Bachelor of Science

Veterinary Nursing

This programme is designed for people who are eager to care for animals. Graduates will work closely with the veterinary surgeon to help diagnose and treat medical and surgical cases. In addition to learning different aspects of science, clinical and surgical nursing, animal husbandry, ethics and laboratory management, students will also learn about veterinary practice management and communication skills.

atu.ie/AU271

- 3 Years
- **388*** (Level 7 2023)
  *Not all applicants who achieved these points received a place
- Minimum Entry Requirements PLUS
  - O6/H7 in either Phy, Chm, Pch, Bgy or Ags
  - F2/O6/H7 in Maths
- 32 Places
- Work Placement
- Erasmus+
- Dr Kim McFadden
  Head of Department of Life and Physical Sciences
  kim.mcfadden@atu.ie

Special Features

The strong skills and knowledge students receive from this practical programme will leave them well placed for an enjoyable and challenging career. This programme involves a placement element consisting of a six-week placement in each semester in a veterinary setting.

Work Placement

Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

Career Opportunities

Graduate careers include working as a registered veterinary nurse, animal behaviourist or veterinary pharmaceutical sales specialist.

Further Study

Options Level 7 graduates may apply internally for Year 4 of the Level 8 programme in Veterinary Nursing at ATU Donegal. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

ATU Donegal are 1 of 4 institutions to offer Veterinary Nursing degree in Ireland.

Professional Accreditation

Accredited by the Veterinary Council of Ireland and Acovene.

What will I study?

Year 1
- Introduction to Nursing
- Communications and Research Skills
- Animal Husbandry, Nutrition and Welfare
- Work Placement 1 and 2
- Biological and Bioveterinary Sciences
- Surgical Nursing and Theatre Practice
- Veterinary Nursing 1

Year 2
- Exotic and Wildlife Nursing
- Professional, Regulatory and Ethical Studies
- Veterinary Nursing 2 and 3
- Work Placement 3 and 4
- Veterinary Practice Management

Year 3
- Animal Behaviour and Behavioural Therapy
- Emergency and Critical Care Nursing
- Veterinary Nursing 4 and 5
- Work Placement 5 and 6
- Pharmacy and Stock Management
- Professional Practice Skills

Additional elective modules are available

AU272 | Level 7 | Bachelor of Science

Agriculture

Agriculture is a key contributor to the Irish economy and is currently experiencing a period of growth and expansion. This programme offers graduates a combination of skills and knowledge of key areas in agriculture such as Soil and Plant Science, Ruminant Husbandry and Agriculture Business Management. This is combined with a substantial work placement in Semester 2 of Year 2 where students will gain valuable work experience. Year 3 expands and builds upon the knowledge obtained in Year 1 and 2, with the study of modules such as Farm Waste and Environmental Science, Livestock Production and Animal Science.

atu.ie/AU272

- 3 Years
- **225** (Level 7 2023)
- Minimum Entry Requirements
- 32 Places
- Work Placement
- Erasmus+
- Dr Kim McFadden
  Head of Department of Life and Physical Sciences
  kim.mcfadden@atu.ie

Special Features

Students who do not wish to progress to Year 3 of this programme can exit following successful completion of two years and achieve a Higher Certificate in Science in Agriculture.

Work Placement

Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

Career Opportunities

Successful graduates find work in agriculture, agri-food and government agencies. Graduate careers include working as a farm manager, agricultural research assistant or agricultural sales manager.

Further Study

Options Level 7 graduates may apply internally to join Year 4 of the Level 8 BSc (Honours) in Agriculture with degree award options in Animal and Crop Sciences or Environmental Management. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

This programme fulfils the requirements for stamp duty exemption or land transfer for young farmers (Green Cert).

What will I study?

Year 1
- Introduction to Agriculture
- Animal Husbandry, Nutrition and Welfare
- Communications and IT Skills
- Fundamentals of Biology and Chemistry
- Mathematical Skills for Science 1
- Ruminant Husbandry
- Agricultural Business Management
- Soil and Plant Science
- Alternative Farm Enterprise
- Agricultural Microbiology

Year 2
- Agriculture and Environmental Impact
- Grassland and Crop Production
- Work Placement and Farm Health and Safety
- Beef and Dairy Production Systems
- Work Placement

Year 3
- Animal Science
- Agricultural Marketing and Accounts
- Advanced Soil Science
- Sheep, Pigs and Poultry Production
- Research Skills
- Agricultural Food Technology
- Farm Waste and Environmental Science
- Advanced Crop Production
- Literature Project

Additional elective modules may be available

AU371 | Level 8 | Bachelor of Science (Honours)

Agriculture (Common Entry)

Degree Award Options:

- Animal and Crop Science
- Environmental Management

This programme prepares students for a career in the Agriculture and Agri-Business sectors by providing graduates with key skills in Animal Husbandry, Animal Science, Soil and Plant Science, Environmental Science and Agriculture Business Management and Marketing. This programme incorporates a substantial work placement in Semester 2 of Year 2 where the students will gain valuable workplace experience. Year 3 expands and builds upon the knowledge obtained in Year 1 and 2. Year 4 allows students to focus on one of two disciplines; Animal and Crop Science or Environmental Management.

atu.ie/AU371

4 Years

CAO POINTS 317 (Level 8 2023)

Minimum Entry Requirements

32 Places

Work Placement

Erasmus+

Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

On completion of the programme, graduates will have attained key skills and competencies to allow them to meet the needs of a dynamic agricultural sector.

Work Placement

Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

Career Opportunities

Successful graduates find work in agri-food, government agencies, and education. Graduate careers include working as an agricultural advisor, farm manager, R&D scientist, environment manager or secondary school teacher.

What will I study?

Year 1

- Introduction to Agriculture
- Animal Husbandry, Nutrition and Welfare
- Communications and IT Skills
- Fundamentals of Biology and Chemistry
- Mathematics Skills for Science 1
- Ruminant Husbandry
- Agricultural Business Management
- • Soil and Plant Science
- Alternative Farm Enterprise

Year 2

- Agriculture and Environmental Impact
- Grassland and Crop Production
- Work placement and Farm Health and Safety
- Beef and Dairy Production Systems
- Work Placement

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry

Quick Fact

This programme fulfils the requirements for stamp duty exemption or land transfer for young farmers (Green Cert).

Common Entry

Students have a common three years before focusing on one of two disciplines in their final year; Animal and Crop Science or Environmental Management.

Professional Accreditation

Meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Agricultural Science'.

What will I study?

Year 3

- Animal Science
- Ecology and Ecosystems
- Agricultural Marketing and Accounts
- Advanced Soil Science
- Sheep, Pigs and Poultry Production
- Research Skills
- Agricultural and Food Technology
- Farm Waste and Environmental Science
- Advanced Crop Production
- Literature Project

Animal and Crop Science
Year 4

- Agricultural Business and Economics
- Animal Welfare
- Crop Science and Mechanisation
- Research Project Design
- Sustainable Agriculture
- Animal Health, Reproduction and Genetics
- Research Project

Environmental Management
Year 4

- Agricultural Business and Economics
- Environmental Science
- Organic Farming
- Research Project Design
- Sustainable Agriculture
- Climate Change and Agriculture
- Research Project

AU173 | Level 6 | Higher Certificate in Science

Dental Nursing

The main aim of this programme is to produce graduates who are licensed to practice as dental nurses. This programme will provide dental nurses with the appropriate multi-disciplinary skills to enable them to play a key role in dental practices.

atu.ie/AU173

🕐 2 Years

CAO POINTS 328 (Level 6 2023)

Minimum Entry Requirements PLUS
▪ O6/H7 in either Phy, Chm, Pch, Bgy or Ags
▪ F2/O6/H7 in Maths
▪ Garda Vetting
▪ Vaccination: Students are required to be vaccinated and demonstrate immunity to Hepatitis B prior to going on placement

👥 18 Places

📇 Work Placement

✉ Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Work Placement

Placement is an integral part of the course. The aim of the placement is to provide learners with an opportunity to gain skills, experience and competence. Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

Did You Know?

A dental nurse works as part of a dental team in a variety of clinical and non-clinical settings. In Ireland, they are mainly employed in General Dental Surgeries, Dental Clinics or Specialist Surgeries. They are responsible for ensuring the dentist or oral surgeons' operating list runs smoothly during the course of a clinical session. This includes ensuring that all instrumentation is correct and has been thoroughly sterilised, all radiographs and case notes are prepared for the clinical session, necessary lab work/results and supplies are available, the dental surgery/operating room is clean and equipment is in good working order and all general administrative and office work is up-to date.

Career Opportunities

Successful graduates find work in dental surgeries, dental hospitals and in the Health Service Executive (HSE). Graduate careers include working as a dental nurse.

What will I study?

Year 1
- Clinical Dentistry 1: Patient care, Materials and Instrumentation
- Patient-centred Communication Skills
- Clinical and Related Skills for Dental Nursing
- Nutrition and Oral Health Promotion
- Biological Science
- Clinical Work Placement 1
- Disease and Infection Control for Dental Nurses
- Ethical, Legal and Current Issues for Dental Nurses
- Clinical Dentistry 2: Anatomy and Pathology

Year 2
- Clinical Work Placement 2
- Dental Practice Management
- Medical Emergencies and Clinical Pharmacology in Dental Nursing
- Clinical Dentistry 3: Special Practice
- Work Placement 3

Further Study

Graduates may progress to a range of programmes such as dental hygiene and dental practice management in universities in Ireland and abroad.

Professional Accreditation

This programme is fully accredited by the Dental Council of Ireland.

Dental Council
An Comhairle Fiaclóireachta

AU172 | Level 6 | Higher Certificate in Science

Health Science with Dietetics Studies

Health Science with Dietetic Studies is the study of the human body with particular focus on Anatomy and Physiology and provides a foundation to Human Nutrition and Dietetics studies. Through a unique progression opportunity, this programme allows students to progress to complete a BSc Honours in Dietetics and Nutrition at Coventry University.

atu.ie/AU172

🕐 2 Years

CAO POINTS 316 (Level 6 2023)

Minimum Entry Requirements PLUS
▪ Min H5 in Biology
▪ F2/O6/H7 in Maths
▪ Garda Vetting
▪ Health Declaration
▪ Coventry University Registration

👥 16 Places

📇 Work Placement

✉ Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

This programme incorporates year one of the three-year BSc Honours in Dietetics and Nutrition at Coventry University (CU). Following successful completion of the two-year programme in ATU Donegal, students can progress directly to year two of the three-year BSc Honours in Dietetics and Nutrition in CU. Upon successful completion of years two and three in Coventry University, graduating students will be awarded a BSc (Hons) in Dietetics and Nutrition and be eligible to register with the Health and Care Professionals Council (HCPC) in the UK.

Additional Information

Subject to Coventry University's rules and regulations, Coventry University may, in its absolute discretion, register a student as a student of Coventry University for the duration of Stage II (Year 2 and Year 3 in CU) on receipt of: any documents of which Coventry University requires the student to complete to effect the registration, as notified to and/or requested from the prospective student by Coventry University. Coventry University fees shall be subject to annual review and may be changed at the sole discretion of Coventry University without notice.

Work Placement

Placement is an integral part of the course. The aim of the placement is to provide learners with an opportunity to gain skills, experience and competence. Placements can be assigned to anywhere in Ireland. Travel and accomodation are the responsibilty of the learner.

Career Opportunities

Most learners pursue further studies at Coventry University from this programme. Graduate careers from the Level 6 award include working as a health care assistant, working in the nutrition industry or in the retail sector.

Further Study Options

Graduates may progress to Year 2 of the Bachelor of Science (Honours) in Dietetics and Nutrition in Coventry University.

What will I study?

Year 1
- Human Biology
- People Centred Communication Skills
- Introduction to Dietetics
- Introduction to Anatomy and Physiology
- Introduction to Human Health and Disease
- Psychological Well-Being and Health Promotion
- Civic and Social Engagement

Year 2
- Human Nutrition and Metabolism
- Foundations of Evidence Informed Practice
- Food and Food Production
- Nutrition Physiology and Eating
- Health and Well-Being in the Community
- Foundations in Dietetics Practice (Including Placement)

Additional elective modules may be available

Professional Accreditation

Graduates of Health Science with Dietetics Studies in ATU Donegal are not qualified as Dieticians and are not eligible to register with CORU.

AU171 | Level 6 | Higher Certificate in Science

Health Science with Occupational Therapy Studies

Health Science with Occupational Therapy Studies is the study of the human body with a particular focus on Anatomy and Physiology and provides a foundation to Occupational Therapy studies. Through a unique progression opportunity, this two-year programme allows students to progress to complete a BSc Honours in Occupational Therapy at Coventry University and to register with the Health and Care Professionals Council (HCPC) in the UK.

atu.ie/AU171

🕐 2 Years

CAO POINTS 462 (Level 6 2023)

☑ Minimum Entry Requirements **PLUS**
▪ Min H5 in Biology
▪ F2/O6/H7 in Maths
▪ Garda Vetting
▪ Health Declaration
▪ Coventry University Registration

👥 16 Places

📋 Work Placement

✉ Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

This programme incorporates year one of the three-year BSc Honours in Occupational Therapy at Coventry University (CU). Following successful completion of the two-year programme in ATU Donegal, students can progress directly to year two of the three-year BSc Honours in Occupational Therapy in CU. Upon successful completion of years two and three in Coventry University, graduating students will be awarded a BSc (Honours) in Occupational Therapy.

Additional Information

Subject to Coventry University's rules and regulations, Coventry University may, in its absolute discretion, register a student as a student of Coventry University for the duration of Stage II (Year 2 and Year 3 in CU) on receipt of: any documents of which Coventry University requires the student to complete to effect the registration, as notified to and/or requested from the prospective student by Coventry University. Coventry University fees shall be subject to annual review and may be changed at the sole discretion of Coventry University without notice.

Career Opportunities

Most students pursue further studies at Coventry University from this programme. Graduate careers from the Level 6 award include working as a health care assistant and occupational therapy assistant.

Further Study Options

Graduates may progress to Year 2 of the Bachelor of Science (Honours) in Occupational Therapy in Coventry University.

What will I study?

Year 1
• Human Biology
• People Centred Communication Skills
• Introduction to Occupational Therapy
• Introduction to Anatomy and Physiology
• Introduction to Human Health and Disease
• Psychological Well-Being and Health Promotion
• Civic and Social Engagement

Year 2
• The Human, Mind and Occupation 1
• Occupational Therapists: Doing, Being, Becoming and Belonging
• Foundations of Evidence Informed Practice
• The Human, Mind and Occupation 2
• Health and Well-Being in the Community
• Delivering Theory Based Occupational Therapy
• Placement Preparation
• Practice placement

Additional elective modules may be available

Professional Accreditation

Graduates of the Level 6 Health Science with Occupational Studies in ATU Donegal are not qualified as Occupational Therapists and are not eligible to register with CORU.

AU170 | Level 6 | Higher Certificate in Science

Health Science with Physiotherapy Studies

This is a two-year Higher Certificate in Science (Health Science with Physiotherapy Studies) programme. Health Science with Physiotherapy Studies is the study of the human body with a particular focus on Anatomy and Physiology and provides a foundation to Physiotherapy studies. Through a unique progression opportunity, this programme allows students to progress to complete a BSc Honours in Physiotherapy at Coventry University and register with the Health and Care Professionals Council (HCPC) in the UK.

atu.ie/AU170

🕐 2 Years

CAO POINTS 466 (Level 7 2023)
Not all applicants who achieved these points received a place

☑ Minimum Entry Requirements **PLUS**
▪ Min H5 in Biology
▪ F2/O6/H7 in Maths
▪ Garda Vetting
▪ Health Declaration
▪ Coventry University Registration

👥 16 Places

✉ Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

This programme incorporates year one of the three-year BSc Honours in Physiotherapy at Coventry University (CU). Following successful completion of the two-year programme in ATU Donegal, students can progress directly to year two of the three-year BSc Honours in Physiotherapy in CU. Upon successful completion of years two and three in Coventry University, and graduation subject to academic regulations, students will be awarded a BSc (Hons) in Physiotherapy

Additional Information

Subject to Coventry University's rules and regulations, Coventry University may, in its absolute discretion, register a student as a student of Coventry University for the duration of Stage II (Year 2 and Year 3 in CU) on receipt of: any documents of which Coventry University requires the student to complete to effect the registration, as notified to and/or requested from the prospective student by Coventry University. Coventry University fees shall be subject to annual review and may be changed at the sole discretion of Coventry University without notice.

Career Opportunities

Most students pursue further studies at Coventry University from this programme. Graduate careers from the Level 6 award include working with the Health Service Executive (HSE) or in physiotherapy practices.

Further Study Options

Graduates may progress to Year 2 of the Bachelor of Science (Honours) in Physiotherapy in Coventry University.

What will I study?

Year 1
• Human Biology
• People Centred Communications Skills
• Introduction to Physiotherapy
• Introduction to Anatomy and Physiology
• Introduction to Human Health and Disease
• Psychological Well-Being and Health Promotion
• Civic and Social Engagement

Year 2
• Pathophysiology
• Research and Study Skills
• Anatomy of the Upper Quadrant
• Introduction to Physiotherapy Assessment
• Health and Well-Being in the Community
• Physiotherapy Intervention and Management
• Movement Analysis, Physical Activity and Exercise
• Anatomy of the Lower Quadrant

Additional elective modules may be available

Professional Accreditation

Graduates of the HC in Health Science with Physiotherapy Studies in ATU Donegal are not qualified as Physiotherapists and are not eligible to register with CORU.

AU174 | Level 6 | Higher Certificate in Science

Pharmacy Technician

This two-year programme allows you to gain professional, managerial and technical knowledge that opens up opportunities to work in either hospital or community-based pharmacies. This programme will be delivered over four semesters allowing learners to gain their qualification in two years. The main aim of this programme is to produce graduates with the required theoretical and hands-on skills to allow them to work in a pharmacy setting and contribute effectively to the pharmacy.

atu.ie/AU174

🕐 2 Years

CAO POINTS 210 (Level 6 2023)

Minimum Entry Requirements PLUS
- O6/H7 in either Phy, Chm, Pch, Bgy or Ags
- F2/O6/H7 in Maths
- Garda Vetting

20 Places

Work Placement

Dr Kim McFadden
Head of Department of Life and Physical Sciences
kim.mcfadden@atu.ie

Special Features

This programme includes a six-week placement each semester in a pharmacy setting. It is intended that students will be placed in both community and hospital pharmacies. For those wishing to pursue a career in pharmacy, a formal agreement between Ulster University (UU) and ATU Donegal provides a progression pathway to the Masters of Pharmacy Programme at UU.

Work Placement

Placement is an integral part of the course. The aim of the placement is to provide learners with an opportunity to gain skills, experience and competence. Placements can be assigned to anywhere in Ireland. Travel and accomodation are the responsibilty of the learner.

Career Opportunities

Successful graduates find jobs in community and hospital pharmacies. Graduate careers include working as a pharmacy technician.

Further Study Options

Graduates can progress to Year 2 of the following programmes: Bachelor of Science in Pharmaceutical and Medicinal Science, Bachelor of Science in Food Science and Nutrition and Bachelor of Science in Bioscience.

Graduates can progress to Year 1 of the Masters of Pharmacy, Ulster University (minimum entry requirements must be met), and may be interviewed for admission through UCAS to Year 1 of the Masters of Pharmacy at University of Bradford and University of Brighton.

Did You Know?

Pharmacy technicians support pharmacists by dispensing medications, managing inventory, and assisting customers with prescriptions in various healthcare settings.

What will I study?

Year 1
- Chemistry 1
- Biological Science
- Pharmacy Practice 1 and Dispensary Computers
- Pharmacy Work Placement 1 – Practical
- Organic and Applied Chemistry
- Pharmacology
- Pharmacy Practice 2 Pharmacy
- Work Placement 2 – Practical

Year 2
- Pharmaceutical Chemistry and Formulation
- Applied Physiology
- Calculations and Extemporaneous Preparations
- Pharmacy Work Placement 3 – Practical
- Drug Action and Usage
- Pharmacy Business and IT
- Pharmacy Work Placement 4 – Practical

Additional elective modules may be available

Professional Accreditation

For those wishing to pursue a career in pharmacy, a formal agreement between Ulster University (UU) and ATU Donegal provides a progression pathway to the MPharm Degree Programme in UU.

Niamh Patton

Higher Certificate in Science in Pharmacy Technician

I always had an interest in science and after researching the modules in the Pharmacy Technician programme, I knew it was the perfect fit for me. I recognised it as a pathway to further studies, including a Master's in Pharmacy and to fulfil my desire to become a pharmacist.

I really enjoy the practical experience in the labs. This really helps to understand the content of the modules. The work placement component is another highlight. Over two years, I completed 24 weeks of work placement. This invaluable experience offered an insight into the profession. Learning directly from pharmacists and pharmacy technicians allowed me to ask questions and gain practical knowledge. Each placement covered different aspects of the job, ensuring I was well-prepared to transition into a professional role post-degree.

AU380 | Level 8 | Bachelor of Science (Honours)

General Nursing

This programme may suit those who wish to pursue an interesting and worthwhile career in the caring profession. Students who have an interest in acquiring the skills necessary to work with and care for people suffering from a variety of physical health problems will enjoy this programme. It will also suit students who wish to learn how to analyse problems and apply solutions based on best practices. Good communication skills, combined with an interest in working with people who are ill and in need of care and support are also an advantage.

atu.ie/AU380

4 Years

CAO POINTS 350 (Level 8 2023)

Minimum Entry Requirements PLUS
- O6/H7 in Phy, Chm, Pch, Bgy or Ags
- Health Declaration
- Garda Vetting
- Mandatory Training
- Practice Placement

35 Places

Work Placement

Department of Nursing and Health Care
Nursing.Donegal@atu.ie

Special Features

There is a 36-week paid internship in Year 4.

Career Opportunities

Graduate careers typically include working as a medical/surgical care nurse, clinical nurse specialist such as in renal, oncology or orthopaedics, clinical nurse manager or as a community, public health or general practice nurse. Successful graduates find work in clinical nursing such as acute, primary and community care settings, or in education and research.

Further Study Options

Graduates may progress to the following programmes:

- PG/Master of Science in Advancing Health and Social Care at ATU Donegal
- PG/Master of Science in Therapeutic Interventions in Alcohol and Other Drugs at ATU Donegal
- PG/Master of Science in Advanced Practice (Nursing) (Consortium blended delivery)
- PG/Master of Science in Professional Nursing Practice (Consortium blended delivery)
- Higher Diploma in Counselling (Level 8)
- Acute Medicine Nursing (Standalone Module)
- Emergency Nursing (Standalone Module)
- ATU Level 8 qualifications are recognised worldwide for postgraduate entry

Did You Know?

All nursing graduates are highly sought after with 100% employability potential upon graduation

Quick Fact

Studying general nursing equips students with essential skills in patient care, medical procedures, and healthcare management across diverse clinical settings.

Professional Accreditation

Nursing and Midwifery Board Ireland (NMBI)

Bord Altranais agus Cnáimhseachais na hÉireann
Nursing and Midwifery Board of Ireland

What will I study?

Year 1
- Biological and Related Sciences 1
- Introduction to Behavioural Sciences and Scholarship
- Professional and Ethical Nursing Studies 1
- Nursing Skills 1
- Biological and Related Sciences 2
- Psychology and Sociology across the Lifespan
- Professional and Ethical Nursing Studies 2
- Nursing Skills 2
- General Nursing Clinical Practice 1

Year 2
- Clinical Nursing Pathway 1
- Research in Practice 1
- Professional and Ethical Nursing Studies 3
- Nursing Skills 3
- Clinical Nursing Pathway 2
- General Nursing Practice 2
- Nursing Skills 4
- Promoting Health and Well-Being
- Research in Practice 2

Year 3
- General Nursing Practice 3
- Aging and Care of the Older Person
- Individual and Collective Well-Being
- Research in Practice 3
- Care of person with Cancer
- General Nursing Clinical Pathway 3

Year 4
- Clinical Nursing Pathway 4
- Leadership, Management and Professional Scholarship
- Preparation for Professional Practice
- General Nursing Practice 4

Additional elective modules may be available

Mia Baikie

BSc (Hons) in General Nursing

My overall experience of studying a ATU Donegal has been excellent, there are so many facilities available to students including the CURVE, Students Union, clubs and societies and the lectures are always there to give us the help and support we need as well throughout the year with assignments and exams.

My work placements have been fantastic, and the experience I have gained has been amazing. I have worked in the maternity department, community hospitals, and with public health nurses, between different settings. I would highly recommend this programme to anyone thinking of doing a career in nursing in the future.

AU382 | Level 8 | Bachelor of Science (Honours)

Intellectual Disability Nursing

Intellectual Disability (ID) Nursing is a specialised type of nursing which concerns itself with working with adults and children who have an intellectual disability and who may be unable to live fully independent lives. Its essential goal is to guide, support and work with these adults and children towards maintaining optimum health and well-being and social inclusion in day-to-day life. This involves working with each individual, their families, carers and the general community.

atu.ie/AU382

4 Years

242 (Level 8 2023)

Minimum Entry
Requirements PLUS
▪ O6/H7 in Phy, Chm,
  Pch, Bgy or Ags
▪ Health Declaration
▪ Garda Vetting
▪ Mandatory Training
▪ Practice Placement

22 Places

Work Placement

Department of Nursing
and Health Care
Nursing.Donegal@atu.ie

Special Features

There is a 36-week paid internship in Year 4.

Career Opportunities

Successful graduates find work in clinical nursing, clinical nurse management, community, residential, day centre or intellectual disability services, or in education and research.

Further Study Options

Graduates may progress to the following programmes:

- PG/Masters Degree in Advancing Health and Social Care at ATU Donegal
- PG/Masters Degree in Therapeutic Interventions in Alcohol and Other Drugs at ATU Donegal
- PG/Master of Science in Advanced Practice (Nursing) (Consortium blended delivery)
- PG/Master of Science in Professional Nursing Practice (Consortium blended delivery)
- Certificate in Contemporary Healthcare Management
- ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

All nursing graduates are highly sought after with 100% employability potential upon graduation.

Quick Fact

Nurses in intellectual disability (ID) work in a broad range of services including long-stay settings, community, day-care, care of the older person, child and adolescent.

Professional Accreditation

Nursing and Midwifery Board Ireland (NMBI).

What will I study?

Year 1

- Biological and Related Sciences 1
- Introduction to Social and Behavioural Sciences
- Professional and Ethical Nursing Studies 1
- Nursing Skills 1
- Biological and Related Sciences 2
- Psychology and Sociology across the Lifespan
- Professional and Ethical Nursing 2
- Nursing Skills 2
- Intellectual Disability Nursing Practice 1

Year 2

- Research in Practice 1
- Supporting People with Behaviours of Concern
- Genetics and Health Needs in Intellectual Disability
- Professional and Ethical Nursing 3
- Health Needs and Nursing Interventions in Intellectual Disability 1
- Research in Practice 2
- Promoting Health and Well-Being
- Person Centred Care
- Intellectual Disability Nursing Practice 2

Year 3

- Intellectual Disability Nursing Practice 3
- Aging and the Older Person
- Individual and Collective Well-Being
- Research in Practice 3
- Health Needs and Nursing Interventions in Intellectual Disability 2
- Transition to Adulthood

Year 4

- Leadership, Management and Professional Scholarship
- Contemporary Trends in Intellectual Disability Nursing
- Health Needs and Nursing Interventions in Intellectual Disability 3
- Intellectual Disability Nursing Practice 4
- Intellectual Disability Nursing (Internship)

Additional elective modules may be available.

AU381 | Level 8 | Bachelor of Science (Honours)

Mental Health Nursing

This programme is for students who have an interest in acquiring the skills necessary to work with and care for people suffering from a variety of physical and mental health challenges. Students who wish to learn how to analyse problems and apply solutions based on best practices will enjoy this programme. An interest in working with people who have mental health challenges is also an advantage.

atu.ie/AU381

4 Years

260 (Level 8 2023)

Minimum Entry
Requirements PLUS
▪ O6/H7 in Phy, Chm,
  Pch, Bgy or Ags
▪ Health Declaration
▪ Garda Vetting
▪ Mandatory Training
▪ Practice Placement

32 Places

Work Placement

Department of Nursing
and Health Care
Nursing.Donegal@atu.ie

Special Features

There is a 36-week paid internship in Year 4 with 16 places in Donegal and 16 places in Sligo/Leitrim Mental Health Services.

Career Opportunities

Successful graduates find work in clinical nursing, community mental health services, nurse management, education and research. Graduate careers include working as a psychiatric nurse in various settings.

Further Study Options

Graduates may progress to the following programmes:

- PG/Masters Degree in Advancing Health and Social Care at ATU Donegal
- PG/Masters Degree in Therapeutic Interventions in Alcohol and Other Drugs at ATU Donegal
- PG/Master of Science in Advanced Practice (Nursing) (Consortium blended delivery)
- PG/Master of Science in Professional Nursing Practice (Consortium blended delivery)
- Higher Diploma in Counselling Skills (Level 8)
- ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

All nursing graduates are highly sought after with 100% employability potential upon graduation.

Quick Fact

A mental health nurse offers support to a wide range of patients with various mental health conditions, aiding them towards recovery and helping them gain control over their illness to live more independently.

Professional Accreditation

Nursing and Midwifery Board Ireland (NMBI).

What will I study?

Year 1

- Biological and Related Sciences 1
- Introduction to Social and Behavioural Sciences for Nursing
- Professional and Ethical Nursing Studies 1
- Nursing Skills 1
- Biological and Related Sciences 2
- Psychology and Sociology across the Lifespan
- Professional and Ethical Nursing Studies 2
- Understanding the nature of Mental Illness
- Mental Health Nursing and Clinical Practice 1

Year 2

- Physical Health and Well-Being 1
- Professional and Ethical Nursing Studies 2
- Research in Practice 1
- Promoting Recovery
- Complex needs in Mental Health Nursing
- Research in Practice 2
- Foundations for Healthcare and Recovery
- Promoting Health and Well-Being
- Mental Health Nursing Practice

Year 3

- Mental Health Nursing Practice 3
- Physical Health and Well-Being 2
- Individual and Collective Well-Being
- Aging and Care of the Older Person
- Research in Practice 3

Year 4

- Leadership, Management and Professional Scholarship
- Contemporary Approaches in Mental Health Nursing
- Development of the Skilled Practitioner
- Mental Health Nursing Practice 4
- Mental Health Nursing (Internship)

Additional elective modules may be available

ATU Sligo

OTA Sligeach

Almost 10,000 students study full-time, part-time or online with ATU Sligo, with programmes available from higher certificate Level 6 up to PhD Level 10. We offer 66 CAO programmes across eleven departments. ATU Sligo is home to students from every county in Ireland and over 50 countries worldwide.

Facilities

We have invested significantly in our campus. Whether it is our state-of-the-art labs in engineering and science, new computer labs or the new creative hub for arts, design and architecture; our students have access to some of the best facilities of any university in Ireland.

Community

One of the major advantages of life in ATU Sligo is the sense of community. We have a full team of dedicated staff to support our students throughout their studies. We also boast the best student to lecturer ratio in Ireland as outlined by the Good University Guide. More than just a number, our students get to know all their lecturers and classmates on a first-name basis.

Academics

Our academic staff are passionate and engaging which means advice and help is always on hand. From all corners of the globe, numerous academics are regarded as leaders in their respective fields. They not only bring academic knowledge; they also bring real-world experience.

Yeats Library

Spread over three floors, the Yeats Library is a world-class facility providing all the resources a student needs to excel in their programme of study. The library has over 700 workspaces and 70,000 printed books, whilst students have 24/7 access to over 268,000 eBooks and 71,500 eJournals.

Learning

We understand there is more than one way to educate. We are big on practical learning, which means we reinforce theory with hands-on experience in labs and workshops. Real-life and collaborative projects, industry visits, guest speakers and work placements are just some of the other ways we ensure our students get the best education possible. In 2022, 96% of our graduates secured employment or continued their studies (Graduate Outcomes Survey).

Support

We have developed comprehensive student and academic supports, which ensures students get expert assistance throughout their academic journey. In 2022, we were designated as an Autism Friendly campus. We are the first technological university campus in Ireland to achieve this.

AU900 | Level 8 | Bachelor of Business (Honours)

Business

This degree delves deep into the intricate workings of the modern business landscape, equipping students with a robust understanding of key principles and practices essential for success in various sectors. Throughout the programme, students engage in critical analysis, develop strategic problem-solving skills and cultivate the ability to make informed decisions in dynamic business environments. This empowers our students to thrive as future leaders and change-makers in the global marketplace.

atu.ie/AU900

⏱ 4 Years

CAO POINTS 287 (Level 8 2023)

✓ Minimum Entry Requirements

👥 30 Places

🪪 Work Placement

◎ Erasmus+

✉ cao.sligo@atu.ie

Special Features

Students enjoy a five-month work placement in Year 3. This gives them the opportunity to experience the world of business and allows them to develop practical skills that they will be able to use in their future careers. Students have the option to undertake this work placement or period of study abroad, as part of the Erasmus+ programme.

Guest speakers and business insight trips are a key element of this degree. Individual and group projects are also integral as these develop skills required for business such as analysis, teamwork, presentation and professional business skills. A final year research dissertation enables students to explore their area of interest in more detail.

Career Opportunities

Graduates enjoy a wide variety of career choices in a broad range of businesses. Many have established highly successful businesses, while others have joined graduate training programmes in multinational companies and have enjoyed success in senior management roles.

Further Study Options

Graduates may advance to postgraduate study within Atlantic Technological University or other higher education institutions. They may also pursue a Professional Master of Education (PME) to become a secondary school teacher of business, or study for professional qualifications in accounting or marketing. Successful graduates from this programme are eligible to sit the Marketing Institute graduate entry examination to acquire a professional marketing accreditation (MMII Grad).

Common Entry

Students study core business areas before choosing one specialist stream in Year 4. Students may choose finance, marketing or human resource management, subject to availability.

Did You Know?

Communication is an extremely important aspect of any business, and with our marketing and computer modules, students learn how to effectively promote their business and engage with their community.

What will I study?

Year 1
- Personal Learning and Development
- Financial Accounting
- Business Technology
- Principles of Marketing
- Management
- Teamwork and Communication
- Business Mathematics and Statistics

Year 2
- Organisational Behaviour
- Economics for Business
- Business Mathematics and Statistics
- Business Law
- Management Accounting
- Advanced Business Technology
- Principles of Marketing

Year 3
- Enterprise Development
- Introduction to Financial Management
- Open Economy Macroeconomics
- Marketing Management
- Human Resource Management
- Work Placement / Erasmus+ programme
- Marketing Communications and Sales
- Applied Finance

Year 4
- Business Research Methods
- E-business and Innovation
- Strategic Management
- Dissertation
- Other subjects depend on chosen specialist stream

Additional elective modules are available

Quick Fact

Students choose elective modules throughout the degree, which includes the option to study Spanish, French or German.

AU800 | Level 7 | Bachelor of Business

Business

This three-year ordinary degree produces graduates with comprehensive business skills. We equip our students with knowledge in core business areas such as management, human resources, finance, accounting, law, marketing and economics. Students are given a foundation in theoretical principles and are involved in a wide range of practical exercises. Our lecturers not only have the academic knowledge but also the industry experience to provide students with a deep understanding of business practice across various industries and organisations.

atu.ie/AU800

⏱ 3 Years

CAO POINTS 224 (Level 7 2023)

✓ Minimum Entry Requirements

👥 30 Places

🪪 Work Placement

◎ Erasmus+

✉ cao.sligo@atu.ie

Special Features

Guest speakers and business insight trips are a regular feature on this degree. This provides students with an understanding of business practice in a variety of organisational settings and tackles the most up-to-date trends and challenges facing businesses today.

Individual and group projects are also an integral part of this programme as these develop key skills required for business such as analysis, teamwork, presentation and professional business skills.

Career Opportunities

Graduates enjoy a wide variety of career choices in a broad range of businesses. Many have established highly successful businesses, while others have joined graduate training programmes in multinational companies and have enjoyed success in senior management roles.

Graduates secure employment across the public, private and non-profit sectors. Career options include sales, management, human resources, marketing, finance and accounting, office and project management.

Further Study Options

Graduates of this Level 7 ordinary degree can progress to a Level 8 BBus (Hons) in Business degree in Atlantic Technological University or in other higher education institutions. Level 8 graduates may progress to a range of Level 9 and Level 10 postgraduate studies, including a Professional Master of Education (PME) to become a secondary school teacher of business.

Did You Know?

Work placement takes place in the final semester of Year 3. This allows students to put the theory learnt in class into a real-world setting. Students also begin to network and make industry connections during work placement. These connections built through work colleagues and industry experts can open all sorts of opportunities.

What will I study?

Year 1
- Financial Accounting
- Business Technology
- Personal Learning and Development
- Business Mathematics
- Introduction to Management
- Teamwork and Communication
- Introduction to Marketing

Year 2
- Digital Marketing
- Management Accounting
- Economics for Business
- Business Law
- Advanced Business Technology
- Enterprise Development
- Business Management

Year 3
- International Marketing
- Introduction to Financial Management
- Human Resource Management
- Operations Management
- Contemporary Management
- Marketing Communications and Sales
- Applied Finance
- Work Placement

Additional elective modules are available

Quick Fact

Students choose elective modules throughout the degree, based on where their interests lie. This includes language options in Spanish, French or German.

AU901 | Level 8 | Bachelor of Arts (Honours)

Business and Information Communications Technology (ICT)

This future focused and modern business degree is an ideal choice for those who want to be part of the digital transformation in business era and gain skills for many exciting careers. We equip students with the skills to identify business challenges, find technological solutions, manage technology projects and analyse business data. Businesses today are finding it difficult to see how they can use the opportunities presented by technologies to transform their business. Our graduates are well placed to support and lead them. Students are not required to be ICT experts or have studied ICT before in order to undertake this degree.

atu.ie/AU901

⏱ 3 Years

CAO POINTS 317 (Level 8 2023)

📋 Minimum Entry Requirements

👥 25 Places

💼 Erasmus+

✉ cao.sligo@atu.ie

Special Features

This degree integrates two disciplines to create unique graduates who are in high demand. Graduates not only have the knowledge and practical capabilities of IT infrastructure and information systems, but they also have the business acumen to understand and appreciate the business. They can use that knowledge to influence and manage change in a variety of industries and organisations, both nationally and internationally.

Did You Know?

There is a shortage of accredited computer science teachers in Ireland, and a worldwide shortage of ICT skills. A 2023 report highlighted there were just 34 accredited computer science teachers in Ireland before the start of the school year in August 2022.

Career Opportunities

This programme is designed to give students a broad range of knowledge and skills, valuable to any modern company. Graduates are prepared for numerous roles including ICT project manager, data security manager, digital transformation consultant, information resource manager, technology consultant or systems analyst.

Further Study Options

Further study options include postgraduate studies by research to either masters (Level 9) or PhD (Level 10) level. Graduates may also apply to undertake a Professional Master of Education (PME) to become a secondary school teacher for both computer science and business subjects. Graduates may further their studies in ATU Sligo and undertake an MSc in Digital Business.

Professional Accreditation

Teaching Council

Graduates may complete a Professional Master of Education (PME) in order to become a secondary school teacher of both computer science and business.

Microsoft Accreditation

Students can attain Microsoft certifications, which are industry-recognised worldwide and give graduates a competitive edge in the job market.

What will I study?

Year 1
- Skills for Success
- Business Application Software
- Marketing
- Organisational Behaviour
- Introduction to Software and Operating Systems
- Design Thinking
- ICT Applications
- Microeconomics
- Data Analytics
- Database Fundamentals
- Introduction to Computer Networking
- Web Design Fundamentals

Year 2
- Web and Social Media Analytics
- Management
- Introduction to Business Finance
- Database Technologies
- Introduction to Python Programming
- Internet of Things
- Human Resource Management
- Business Law
- System Analysis and Testing
- Data Preparation and Visualisation

Year 3
- Research Methods
- Business Enterprise and Entrepreneurship
- Macroeconomics
- Quantitative Techniques and Reporting
- Artificial Intelligence
- Computer Security and Cryptography
- Dissertation
- Strategic Management
- Digital Transformation
- Cloud Computing in Business
- Ethics in Computing

Google Analytics Accreditation

Students will complete a Google Analytics accredited course and can gain an internationally recognised Google Certification.

Quick Fact

In Year 3, students take part in a week-long international Business and ICT project alongside students from other European universities.

Dylan Hayes

BA (Hons) in Business and ICT

I always had a love for business and computing subjects in secondary school and I wanted to pursue a career in teaching. When I explored the BA (Hons) in Business and ICT modules, I discovered it had a great mix of both subjects and a pathway to secondary school teaching. It was the perfect choice for me.

The international field trip to Eindhoven in Year 3 was one of my degree highlights. I also got experience teaching business and computing in a secondary school during my studies. This has been invaluable as it confirmed my desire to teach. I now plan on completing my Professional Master of Education (PME) to achieve this goal.

AU906 | Level 8 | Bachelor of Arts (Honours)

Business and Irish

This degree is a collaboration between ATU Sligo and ATU St Angelas, with students undertaking classes on both campuses. It covers the disciplines of business and Irish simultaneously and equally. The business strand is undertaken through the medium of English and the Irish strand through the medium of Irish, with opportunities to marry both throughout the programme. This joint major degree ensures graduates enjoy diverse career opportunities and further study options.

atu.ie/AU906

🕐 3 Years

CAO POINTS 307 (Level 8 2023)

Minimum Entry Requirements PLUS
▪ Min H5 in Irish

30 Places

@ cao.sligo@atu.ie

Special Features

The business stream focuses on innovative and traditional business modules, ensuring content is relevant to the ever-evolving world of business. Students put their in-class learning into practice and regularly work with industry experts on real-life projects.

In the Irish stream, students are given the opportunity to study both literature and language-focused modules. Students are supported to engage in Gaeltacht-based and Irish-medium work placements, and to study on Gaeltacht-based language courses.

Quick Fact

The Official Languages (Amendment) Act 2021 has targets whereby 20% of public sector employees will be proficient in Irish by 2030.

Career Opportunities

Employment opportunities exist in arts and culture, public sector organisations, ICT, financial services and marketing. There are also a variety of roles in communication and media, where the Irish language is core. Many SMEs, which employ 60% of the Irish workforce, use heritage as one of their unique selling points internationally.

Further Study Options

Graduates may apply to undertake a Professional Master of Education (PME) to become a secondary school teacher of business and Irish. Postgraduate study options also exist in business, policy, equality, financial management, the MA sa Nua-Gaeilge, accredited translator status (EU/Brussels), or graduates may apply for Údarás na Gaeltachta paid work experience.

Professional Accreditation

Teaching Council

This degree has been designed so that graduates may apply to complete a Professional Master of Education (PME) in the subjects of business and Irish. This degree aligns with Teaching Council of Ireland's registration requirements for both subjects.

Microsoft Accreditation

Students can attain Microsoft Certifications, which are industry-recognised worldwide and differentiate graduates.

Google Analytics Accreditation

Students complete a Google Analytics accredited course and can gain an internationally recognised Google Certification.

What will I study?

Year 1
• Skills for Success
• Organisational Behaviour
• Marketing
• An Gearrscéal sa Ghaeilge
• Gaeilge agus Cumarsáid 1 agus 2
• Athbheochan na Gaeilge
• ICT Applications
• Microeconomics
• Data Analytics
• An Béaloideas agus an Fhilíocht Bhéil
• An Fhilíocht sa Ghaeilge

Year 2
• Management
• Introduction to Business Finance 1 and 2
• Web and Social Media Analytics
• Gaeilge agus Cumarsáid 3 agus 4
• Litríocht na Gaeilge san Ochtú hAois agus na Naoú hAois Déag
• An Ghaeilge agus an Saol Gairimiúil
• Human Resource Management
• Emerging Trends in Business Law
• Drámaíocht agus Scannánaíocht na Gaeilge
• An Litríocht Réigiúnach

Year 3
• Research Methods
• Business Enterprise and Entrepreneurship
• Macroeconomics
• An tSochtheangeolaíocht
• Mionstaidéar ar Shaothair Liteartha Roghnaithe
• Próslitríocht na Gaeilge sa Seachtú hAois Déag agus Filíocht na Nua-Gaeilge Moiche
• Strategic Management
• Digital Transformation
• Dissertation
• Ceartúsáid na Gaeilge
• An t-Úrscéal sa Ghaeilge

AU906 | Leibhéal 8 | Baitsiléir Ealaíon (Onóracha)

Gnó agus Gaeilge

Comhshaothar idir OTA Sligeach agus OTA San Aingeal is ea an cúrsa seo, agus tabharfaidh mic léinn faoi ranganna ar an dá champas. Cumhdaíonn an cúrsa réimsí an Ghnó agus na Gaeilge go cothrom ag an am céanna. Déantar an snáithe Gnó den chúrsa trí mheán an Bhéarla agus déantar an snáithe Gaeilge trí mheán na Gaeilge, agus beidh deiseanna ag mic léinn an dá ábhar a thabhairt le chéile le linn an chúrsa. Cinntíonn an cúrsa dhá ábhair seo go mbeidh go leor deiseanna gairme agus roghanna maidir le tuilleadh staidéir ag céimithe.

atu.ie/AU901

🕐 3 Bliana

CAO POINTS 307 (Leibhéal 8 2023)

Bunriachtanais Iontrála PLUS
▪ H5 ar a laghad sa Ghaeilge

30 Áit

@ cao.sligo@atu.ie

Gnéithe Speisialta

Díríonn an snáithe Gnó ar chleachtais nuálaíocha agus tradisiúnta ghnó, rud a chinntíonn go bhfuil baint ag ábhar an chúrsa leis an domhan gnó a bhíonn ag athrú go síor. Cuirfidh mic léinn na rudaí a fhoghlaimíonn siad i ngníomh agus is minic go n-oibríonn siad le saineolaithe sa tionscal ar thionscadail san fhíorshaol.

Sa snáithe Gaeilge, bíonn deis ag mic léinn staidéar a dhéanamh ar mhodúil a dhíríonn ar an litríocht agus ar an teanga. Tugtar tacaíocht do mhic léinn páirt a ghlacadh i socrúchán oibre sa Ghaeltacht nó socrúchán oibre trí mheán na Gaeilge, agus chun staidéar a dhéanamh ar chúrsaí teanga sa Ghaeltacht.

An raibh a fhios agat?

Leagtar amach spriocanna in Acht na dTeangacha Oifigiúla (Leasú), 2021 go mbeidh inniúlacht sa Ghaeilge ag 20% d'fhostaithe nua san earnáil phoiblí faoi 2030.

Deiseanna Gairme

Tá deiseanna gairme ar fáil sna healaíona agus cultúr, in eagraíochtaí poiblí, TFC, i seirbhísí airgeadais agus sa mhargaíocht. Chomh maith leis sin, tá go leor post ar fáil i gcúrsaí cumarsáide agus meáin, áit go mbíonn an Ghaeilge i lár an aonaigh. Díríonn go leor gnóthais bheaga agus mheánmhéide, a fhostaíonn 60% de lucht saothair na hÉireann, ar an dúchas mar cheann de na gnéithe uathúla díolacháin atá acu go hidirnáisiúnta.

Roghanna maidir le Tuilleadh Taighde

Féadfaidh céimithe iarratas a dhéanamh ar Mháistir Gairmiúil le hOideachas (MGO) chun go mbeidh siad ina múinteoirí Gnó agus Gaeilge ar an dara leibhéal. Mar aon leis sin, tá deiseanna maidir le staidéar iarchéime ann a dhíríonn ar an ngnó, beartas, comhionannas, bainistíocht airgeadais, an MA sa Nua-Gaeilge, stádas mar aistritheoir creidiúnaithe (AE/an Bhruiséil), nó féadfaidh céimithe cur isteach ar thaithí oibre íoctha le hÚdarás na Gaeilge.

Creidiúnú Gairmiúil

An Chomhairle Múinteoireachta

Dearadh an chéim seo sa gcaoi go mbeidh céimithe in ann iarratas a dhéanamh ar Mháistreacht Ghairmiúil le hOideachas (MGO) le Gnó agus Gaeilge mar ábhair. Tagann an cúrsa seo le riachtanais clárúcháin Chomhairle Múinteoireachta na hÉireann don dhá ábhar.

Creidiúnú Microsoft

Féadfaidh mic léinn Creidiúnú Microsoft a bhaint amach, atá aitheanta ar fud an domhain i measc céimithe éagsúla.

Céard iad na hábhair a dhéanfaidh mé staidéar orthu?

Bliain 1
• Scileanna don Rath
• Iompar Eagraíochtúil
• Margaíocht
• An Gearrscéal sa Ghaeilge
• Gaeilge agus Cumarsáid 1 agus 2
• Athbheochan na Gaeilge
• Feidhmchláir TFC
• Micreacnamaíocht
• Anailísíocht Sonraí
• An Béaloideas agus an Fhilíocht Bhéil
• An Fhilíocht sa Ghaeilge

Bliain 2
• Bainistíocht
• Airgeadas Gnó 1 agus 2
• Anailísíocht Gréasáin agus Meán Sóisialta
• Gaeilge agus Cumarsáid 3 agus 4
• Litríocht na Gaeilge san Ochtú hAois agus sa Naoú hAois Déag
• An Ghaeilge agus an Saol Gairmiúil
• Bainistíocht Acmhainní Daonna
• Treochtaí Nua i nDlí an Ghnó
• Drámaíocht agus Scannánaíocht na Gaeilge
• An Litríocht Réigiúnach

Bliain 3
• Modhanna Taighde
• Fiontar agus Fiontraíocht Gnó
• Maicreacnamaíocht
• An tSochtheangeolaíocht
• Mionstaidéar ar Shaothair Liteartha Roghnaithe
• Próslitríocht na Gaeilge sa Seachtú hAois Déag agus Filíocht na Nua-Gaeilge Moiche
• Bainistíocht Straitéiseach
• Claochlú Digiteach
• Tráchtas
• Ceartúsáid na Gaeilge
• An tÚrscéal sa Ghaeilge

Creidiúnú Google Analytics

Déanfaidh mic léinn cúrsa creidiúnaithe de chuid Google Analytics agus beidh deis acu creidiúnú Google Analytics a bhaint amach, atá aitheanta ar fud an domhain.

AU902 | Level 8 | Bachelor of Arts (Honours)

Accounting

This three-year honours degree offers one of the fastest routes to achieving a professional accounting qualification. The programme is highly commended by all the professional accountancy bodies, where graduates will qualify for excellent exemptions from all the professional accountancy exams in Ireland. Through a combination of lectures, case studies, problem-based learning and computer laboratory work, we ensure graduates have the skills to work in the finance function of any organisation, large or small, both in Ireland and internationally.

atu.ie/AU902

🕐 3 Years

CAO POINTS 312 (Level 8 2023)

📋 Minimum Entry Requirements

👥 40 Places

📇 Work Placement

✉ cao.sligo@atu.ie

Special Features

This three-year honours degree offers excellent exemptions from the professional accountancy exams. On completion of this degree, graduates are exempt from all CAP1 examinations with Chartered Accountants Ireland; all three applied knowledge and all six applied skills examinations with ACCA; Certificate and Operational level with CIMA; all examinations up to Professional 2 stage with CPA; Certificate and Operational level (except for operational case study exam) with CIMA.

Throughout their studies, students develop a detailed comprehension of core concepts and principles in accounting and develop soft skills in problem solving, teamwork, creativity and communication.

Career Opportunities

There is a significant shortage of accounting graduates in Ireland. Our final year students are experiencing high demand for their skill set and are receiving numerous offers of employment, often prior to the completion of their studies. Most graduates progress to a professional accounting qualification. Graduates also pursue careers in finance, banking and financial services, business analyst and management roles, and secondary school teaching or lecturing. Accountancy offers a solid foundation on which to build a dynamic and rewarding career across a limitless range of sectors.

Further Study Options

Graduates may apply to complete a Professional Master of Education (PME) to become a secondary school teacher of accounting at Leaving Certificate level and business at Junior Certificate level.

Did You Know?

Students can avail of a summer internship at the end of Year 2.

Accountancy at Leaving Certificate level is not required to study this programme as it starts with beginners accounting.

Quick Fact

This programme has a low student-to-lecturer ratio which enhances the learning experience and facilitates more individual attention between students and their lecturers.

What will I study?

Year 1

- Financial Reporting
- Management Accounting Fundamentals
- ICT in Accounting
- Skills for Success
- Business Law for Accountants
- Business Mathematics and Statistics
- Advanced Business Technology for Accountants
- Personal Finance

Year 2

- Financial Reporting
- Principles of Management
- Principles of Macro and Microeconomics
- Management Accounting Planning, Control and Decision-Making
- Partnership Law, Company Law and Governance
- Enterprise Applications
- Professional Development for Accountants

Year 3

- Finance
- Financial Reporting
- Strategic Management
- Strategic Management Accounting
- Auditing
- Taxation

Professional Accreditation

CHARTERED ACCOUNTANTS IRELAND

ACCA

CIMA

CPA IRELAND

Joy Sabellano

BA (Hons) in Accounting

I chose the BA (Hons) in Accounting in ATU Sligo because of my passion for numbers and data analysis. The comprehensive curriculum effectively combines theoretical knowledge with practical skills relevant to today's industry. The small class sizes create a friendly learning environment where the lecturers are always available to provide personalised guidance.

During the summer following my Year 2 exams, I had the exciting opportunity to join an internship programme in Dublin at one of the Big 4 accounting firms as an audit intern where I worked in the banking, insurance and aviation finance department. This gave me first-hand experience where I applied all my knowledge and skills from the degree to a professional setting.

AU904 | Level 8 | Bachelor of Business (Honours)
AU802 | Level 7 | Bachelor of Business

Marketing

Students study the latest practices from across the world of business and marketing. Graduates have the knowledge and skills to work in contemporary business and marketing environments where skilled marketers are in high demand in Ireland and across the globe. Guest lecturers, Erasmus+ opportunities, work placement, community engagement projects and business insight trips, coupled with excellent teaching, lay the foundations for this valued qualification.

atu.ie/AU904
atu.ie/AU802

3/4 Years

CAO POINTS 327 (Level 8 2023)
262 (Level 7 2023)

Minimum Entry Requirements

50 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

In Year 3, students complete an eight-week work placement. Many students have obtained full-time employment following a successful work placement. Students may also study at one of our partner institutions as part of the Erasmus+ programme.

Many modules have guest lecturers who are marketing experts in specific fields. Business insights trips are also a core part of the degree and bring the theory of the classroom to life.

Students can obtain Google Ads accreditation and have the option to study French, German or Spanish as part of their elective choices.

Career Opportunities

Graduates are equipped for a career in lots of different marketing and business areas. This includes digital marketing manager, marketing executive or manager, sales manager, eCommerce marketer, content creator, social media manager, events marketer, email marketer, blogger or influencer, marketing data analyst, online ad manager, online PR manager, sales account manager and business development manager.

Further Study Options

Level 7 graduates may progress to the final year of the Level 8 BBus (Hons) in Marketing degree. Level 8 graduates may continue to a Level 9 MSc in Marketing, a masters by research or PhD. Graduates may also apply to undertake a Professional Master of Education (PME) to become a secondary school teacher of business.

Did You Know?

Digital marketing is one of the fastest growing in-demand skills, ranking in Coursera's top 10 list in their Job Skills of 2024 report as published by Forbes. The report also noted that the industry will be worth $1.5 trillion by the year 2030. Professions within digital marketing are set to witness a 6% increase in growth by 2032, higher than the average job growth rate.

Quick Fact

This programme encourages active learning and engagement with the business community. Many assessments are based on marketing challenges posed by companies. Students graduate with real-world marketing and business knowledge, which is highly sought after by employers.

What will I study?

Year 1

- Principles of Marketing
- Organisational Behaviour
- Skills for Success
- Business Application Software
- Financial Accounting
- Marketing Research
- Data Analytics
- Teamwork and Communication
- Business Management
- ICT Applications

Year 2

- Creative Marketing Practice
- Marketing Communications
- Consumer Buyer Behaviour
- Business Law
- Events Management
- Digital Content
- Web Analytics
- Introduction to Management Accounting
- Introductory Microeconomics

Year 3

- Managing People
- Introduction to Financial Management
- Enterprise Development
- eCommerce
- Sales Practice
- Search Engine Marketing
- Social Media and Digital Marketing Planning
- Work Placement / Erasmus+
- Research Methods for Business

Year 4 (Level 8)

- Business Strategy
- Macroeconomics
- Ethical and Sustainable Marketing Practice
- Customer Experience Management
- Strategic Marketing Management
- Professional Marketing Practice
- Global Marketing Practice
- Marketing Planning

Additional elective modules are available

Professional Accreditation

MARKETING INSTITUTE IRELAND

Jesus Quaye Saya

BBus (Hons) in Marketing

My favourite aspect of this degree is how creative and practical it is. We are given space to explore our creativity across a broad range of marketing areas. This has helped me to figure out what areas I like most and want to focus on. We get to work with real businesses and help create marketing campaigns and ideas for them.

The work placement in Year 3 is brilliant. I completed my work placement in ATU and this confirmed my desire to have a career in marketing. I also secured a summer marketing internship with TFI Local Link Limerick before starting Year 4. Digital marketing is an area I am very excited to pursue.

AU903 | Level 8 | Bachelor of Business (Honours)

Sport with Business

This programme is the first of its kind in Ireland, a three-year honours degree that combines sports-related modules with comprehensive business education and practice. Sport with Business focuses on introducing students to business and enterprise skills with opportunities for specific skill development in coaching, fitness instruction, personal training, education, exercise prescription and health. It offers students an excellent balance between theory and practice, and equips graduates with the knowledge and professional skills required to work within sport, fitness, leisure or business.

atu.ie/AU903

- 3 Years
- 300 (Level 8 2023) — CAO POINTS
- Minimum Entry Requirements PLUS • Garda Vetting
- 40 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

Students can attain several industry recognised external qualifications, which are incorporated into this programme. These include REPs (Register of Exercise Professionals) Ireland qualifications in fitness instruction and personal training. Other qualifications include swim teaching, national pool lifeguard and community walking leader. Coaching Ireland awards are also incorporated into the coaching modules in sports including athletics, basketball, GAA, rugby and soccer.

In Year 2 of the degree, students complete a 13-week work placement. In the past, students have gone to a variety of settings including various businesses, sports teams and schools. Work placement allows students to put the theoretical and practical knowledge they have learnt in university into a real-life work environment.

Career Opportunities

This two-subject degree allows graduates to pursue a wide range of options in sport or business, or a combination of the two disciplines. Opportunities for graduates include sports development, health promotion, marketing, management, coaching, entrepreneurship and a route into a career in teaching. Through the incorporation of work-based projects and work placements, graduates are work-ready. This is very important to potential employers and is one of many reasons why our graduates are highly sought after.

Further Study Options

Graduates can pursue a wide range of Level 9 and 10 postgraduate studies in areas such as education, strength and conditioning, exercise physiology and therapy, health promotion, sports management and marketing.

Did You Know?

Students can choose from several electives in the areas of sport or business, based on where their interests lie. Year 3 electives allow students to focus on one of two streams, education or fitness instruction. Education is ideal for students who want to pursue coaching and education career routes, with modules including sport pedagogy and dance.

What will I study?

Year 1

- Principles of Marketing
- Outdoor Recreation
- Management and the Business Environment
- Intermediate Business Technology
- Health and Fitness
- Management of Recreation and Fitness
- Gym Instruction
- Business Law
- Introduction to Management Accounting
- Exercise and Health Psychology
- Introduction to Economics

Year 2

- Business Enterprise and Entrepreneurship
- Digital Content and Analysis
- Planning for Sport and Recreation
- Introduction to Financial Management
- Managing People
- Customer Care
- Teaching and Coaching (Team Sports)
- Work Placement / Erasmus+

Year 3

- Macroeconomics
- Business Strategy
- People Management Skills
- Strategic Sport Development
- Research Methods in Sports Studies
- Health Promotion
- Sports Marketing
- Dissertation

Additional elective modules are available

Professional Accreditation

AU804 | Level 7 | Bachelor of Business

Applied Sport with Business

This programme is ideal for students who have an interest in sport, recreation, physical education or in coaching and instruction. It offers students the opportunity to acquire practical expertise and enables them to develop the competencies to be effective leaders in the sports industry. Students also learn about all aspects of business, leadership, marketing and digital technology. Graduates have the skills to work in both the business and sports sectors, or a combination of both.

atu.ie/AU804

- 3 Years
- 225 (Level 7 2023) — CAO POINTS
- Minimum Entry Requirements PLUS • Garda Vetting
- 40 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

This programme features a high level of practical activity ranging from swimming-based activities and surfing to fitness instruction and sports coaching. As part of the practical element of the programme, students regularly work with children in schools and other target populations in numerous environments across health and fitness, sports education, coaching and swimming.

In Year 3, students complete a 13-week work placement. In the past students have gone to a variety of settings including schools, sports teams and various businesses. Work placement allows students to apply what they have learnt in university into a real-world environment.

Career Opportunities

This two-subject degree allows graduates to pursue a wide range of options in sport or business, or a combination of the two disciplines. Many start their own business, work as fitness professionals, work in sports facility management, sports development and management, health promotion, personal training, coaching and instruction. Graduates have also gone on to specialise in primary and secondary school teaching.

Further Study Options

Graduates may progress to the final year of our Level 8 BBus (Hons) in Sport with Business degree or to the final year of our BBus (Hons) in Business degree. Level 8 graduates may continue to masters studies in areas including health promotion, business, marketing and sports management. Students who complete this Level 7 BBus in Applied Sport with Business degree and our one-year Level 8 add-on in Sport with Business, may apply to study a Professional Master of Education (PME) to become a secondary school teacher of physical education.

Did You Know?

Students can attain valuable national and international qualifications including European-recognised gym instruction and personal training, lifeguarding, swim instruction and several coaching awards.

Quick Fact

This degree offers a pathway to becoming a secondary school teacher of physical education.

What will I study?

Year 1

- Sport and Recreation
- Financial Accounting
- Business Technology
- Fundamentals of Aquatics
- Play, Dance and Movement
- Sociology of Sport
- Athletics and Gymnastics
- Health Promotion
- Sport and Adventure Tourism
- Anatomy and Physiology

Year 2

- Management and Business Environment
- Intermediate Business Technology
- Principles of Marketing
- Outdoor Recreation
- Health and Fitness
- Management of Recreation and Fitness
- Business and Sport Law
- Intro to Management Accounting
- Gym Instruction
- Exercise and Health Psychology
- Introduction to Economics

Year 3

- Business Enterprise and Entrepreneurship
- Planning for Sport and Recreation
- Digital Content and Analysis
- Introduction to Financial Management
- Managing People
- Customer Care
- Teaching and Coaching (Team Sports)
- Work Placement

Additional elective modules are available

Professional Accreditation

Emma McCann

BBus (Hons) in Tourism and Event Management

I love that this degree offers study in the areas of business, tourism and event management rather than one specific area. This allows you to get a feel for multiple industries and offers countless employment opportunities. Since graduating, I have worked as a digital marketer across many events and festivals and I am currently working in the tourism industry.

Event Planning was my favourite module as it allowed the opportunity to create an event from scratch which gave great insights into the complexity of organising and creating an event. The 6-month paid work placement during my studies was very beneficial and I completed my work placement with Fáilte Ireland.

AU905 | Level 8 | Bachelor of Business (Honours)

Tourism and Event Management

In a dynamic and rapidly changing world, our tourism graduates are confident, creative and agile. This is exactly what is needed to continue developing the world's fastest growing economic sector in a sustainable manner. ATU Sligo offers the only three-year honours degree in this subject area in the region, with students gaining the most current business degree with a specialism in tourism and event management. This provides a broad and exciting platform to build a successful career with opportunities for our graduates across the world.

atu.ie/AU905

- 3 Years
- **CAO POINTS** 309 (Level 8 2023)
- Minimum Entry Requirements PLUS • Garda Vetting
- 40 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

Work placement provides students with invaluable real-world experience and practical insights into the tourism, events and related sectors. Students are encouraged to complete their placement overseas. In the past, students have worked in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, Turkey, the UK and Ireland. The degree also includes international field trips to tourist destinations such as Amsterdam, Paris, Madrid, Venice, Frankfurt and Rome.

Business insight trips to tourism companies are an integral part of the degree. Students also complete real-life projects in collaboration with industry experts. Guest lecturers regularly visit to share their expertise with students.

Career Opportunities

Graduates are highly sought after across the wide spectrum of business, tourism management and event management areas, and can work across the globe in sustainable destination management, festival and event management, national and local tourism development agencies, conference tourism, a range of visitor experiences, ecotourism, education, marketing organisations, as tour operators or travel agents, and within cultural, heritage and conservation projects. Many of our entrepreneurial graduates also start their own businesses.

Graduates have worked as sustainable tourism officers, tourism and EU project specialists, destination managers and contributed to amazing events like Sea Sessions and Electric Picnic. The opportunities arising from studying a multifaceted business degree such as tourism and event management are endless for our dynamic and highly sought after graduates.

Further Study Options

Graduates can pursue a wide range of Level 9 masters and Level 10 PhD postgraduate programmes at ATU or other higher education institutions. Graduates can also apply to undertake a Professional Master of Education (PME) to become a secondary school teacher of business.

Quick Fact

Students gain event management experience by organising a significant event as part of the Events Project Management module.

What will I study?

Year 1
- Foundations of Tourism
- Introduction to Relationship Marketing
- Events Management
- Business Law
- Business Application Software
- Financial and Management Accounting
- Introductory Microeconomics
- Health and Safety Law for Events
- Business Management
- Experiential Tourism Marketing
- Tourism and Travel Industry

Year 2
- Introduction to Financial Management
- Enterprise Development
- Managing People
- Sustainable Management of the Impacts of Tourism
- Tourism Communications and Branding
- Event Planning and Project Management
- Research Methods for Business
- International Destination Management
- Work placement / Erasmus+

Year 3
- Macroeconomics
- Business Strategy
- Events Project Management
- Globalisation and Tourism
- Strategic Tourism
- Tourism and Events Research Project

Additional elective modules are available

Did You Know?

ATU recently achieved the distinction from UN Tourism of becoming one of just 44 International Sustainable Tourism Observatories globally. The Atlantic Sustainable Tourism Observatory will work with destinations to measure and monitor sustainable tourism indicators to inform evidence-based planning, aligning with the principles advocated by UN Tourism.

AU803 | Level 7 | Bachelor of Business

International Tourism and Event Management

Tourism is the world's fastest growing and resilient economic sector. International tourist arrivals normally total over one billion. The industry needs skilled graduates to continue developing the sector in a sustainable manner to meet strict decarbonisation targets. Also, as a solid business degree, International Tourism and Event Management gives students an excellent platform to build a successful career and opportunities to travel the world. Graduates are dynamic and have the skills to work across business, tourism and the events industry.

atu.ie/AU803

- 3 Years
- 200 (Level 7 2023)
- Minimum Entry Requirements PLUS
  - Garda Vetting
- 50 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

Work placement provides students with invaluable real-world experience and practical insights into the tourism, events and closely related sectors. Students are encouraged to complete the placement overseas. In the past, students have completed their work placement in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, the UK, Turkey and Ireland. The degree also includes international field trips to tourist destinations such as Amsterdam, Paris, Madrid, Venice, Frankfurt and Rome.

Students can gain a Guiding and Adventure Tourism badge during their studies. Business insight trips to tourism companies are an integral part of the degree. Students also complete real-life projects in collaboration with industry experts.

Career Opportunities

Our graduates are highly sought after and can work across the globe in destination management organisations, festival and event management companies, visitor experiences, business tourism, airports and airlines, cruise ships, wellness and health tourism resorts, as tour operators and travel agents, and in heritage and conservation projects. Many of our entrepreneurial graduates also start their own businesses. Graduates have worked on amazing events like Sea Sessions and Electric Picnic. The opportunities arising from studying a multifaceted business degree such as International Tourism and Event Management are endless.

Further Study Options

Level 7 graduates can progress to the final year of our Level 8 BBus (Hons) in Tourism and Event Management degree. Level 8 graduates can pursue a wide range of Level 9 masters and Level 10 PhD postgraduate programmes in ATU or other higher education institutions.

Did You Know?

ATU recently achieved the distinction from UN Tourism of becoming one of just 44 International Sustainable Tourism Observatories globally. The Atlantic Sustainable Tourism Observatory will work with destinations to measure and monitor sustainable tourism indicators to inform evidence-based planning, aligning with the principles advocated by UN Tourism.

What will I study?

Year 1
- Skills for Success
- Principles of Marketing
- Organisational Behaviour
- Introduction to International Tourism and Travel
- Introduction to International Festivals and Events
- Teambuilding and Communication Skills
- Digital Content
- Data Analytics
- Guiding and Adventure Tourism
- Tourism Innovation and Start-Ups

Year 2
- Financial Accounting
- Business Application Software
- Business Law
- Events Management
- Foundations of Tourism
- Introduction to Management Accounting
- Introductory Microeconomics
- Health and Safety Law for Events
- Business Management
- Tourism and Travel Industry

Year 3
- Introduction to Financial Management
- Enterprise Development
- Sustainable Management of the Impacts of Tourism
- Event Planning
- Managing People
- Research Methods for Business
- Events Project Management
- International Destination Management
- Work placement / Erasmus+

Additional elective modules are available

Quick Fact

To further enhance the international element of this degree, students can choose to develop language skills with non-compulsory elective modules in French, German and Spanish that are available across all three years of the programme. Also, exciting study abroad options are available through the Erasmus+ programme.

AU916 | Level 8 | Bachelor of Arts (Honours)

Sociology and Politics

Studying a combination of sociology and politics gives students an insight into how social and political forces affect our everyday lives and how we can effect change. Sociology focuses on understanding and analysing how human societies work. It studies everyday social practices and discusses questions around economic inequality, power, gender and race. Politics looks at the decision-making process that groups or organisations make. These do not necessarily have to be governmental, as politics can be found in most interactions from schools to businesses and religious institutions.

atu.ie/AU916

- 3 Years
- 319 (Level 8 2023)
- Minimum Entry Requirements PLUS
  - Garda Vetting
  - Maths not required
- 25 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

This programme includes a work placement in Year 2. In the past, students have gone to a variety of destinations including the European Parliament in Brussels. In their final year, students focus on their specialised area of interest, completing a research project on a political or sociological topic of their choice. One module in the final year will also be delivered online, allowing students more flexibility in their studies.

Students gain an insight into how social and political forces affect our everyday lives and what we can do to effect change. By equipping students with an in-depth knowledge of society and politics on a national and global scale, we encourage them to look beyond face-value assumptions and start questioning what is perceived as common sense in our world.

Career Opportunities

There is a wide variety of careers to choose from including as a representative for vulnerable people in society, public sector jobs, social policy, teaching, community development, and international and national governmental work.

Further Study Options

Graduates may progress to the taught MA in Social Care and Social Justice in ATU. Graduates may also pursue a research masters or PhD and masters studies in areas such as politics or equality.

Graduates may apply to undertake the Professional Master of Education (PME) programme to become a secondary school teacher of the Leaving Certificate subject politics and society, and a teacher of civic, social and political education (CSPE).

Did You Know?

By examining policy making, government and community development, gender relations, religion and migration, students gain adaptable skills in critical thinking, writing and researching, allowing them to explore a rich and diverse range of employment opportunities.

Each year we welcome many students from countries all over the world. This diversity opens up wonderful debates and opinions on a variety of social and political topics.

Quick Fact

Students can take part in Blended Intensive Programmes. These are brief modules designed with our partner European universities. Students complete online learning sessions and a five-day trip to a host university.

What will I study?

Year 1
- Introduction to Sociology
- Study and Research for Sociologists
- Visualising Sociology
- Government and Politics of Ireland
- Politics Today
- Sociology of Everyday Life
- Key Issues in Sociology: Inequality and Social Exclusion
- Policy Making and the Policy Process
- Economy, Ecology and Economic Anthropology

Year 2
- Contemporary Sociological Theory
- Gender and Sexuality
- Political Theory
- Political, Civic Engagement and Active Citizenship
- Race, Ethnicity and Migration
- Culture, Comparison and Context
- Understanding Sociological Research
- Active Politics Placement
- Community Development and Local Government
- Orchestrating the European Union

Year 3
- Health, the Body and Society
- Sociology of Childhood and Family
- Globalisation, International Relations and Human Rights
- The Politics of Diversity
- Research Methods
- Technology, Climate and Society
- Futures of Politics and Society
- Evidence Informed Policy and Advocacy
- Sociology/Politics Research Project

Additional elective modules are available

AU915 | Level 8 | Bachelor of Arts (Honours)

Law and Business

This three-year honours degree has been developed in partnership with industry experts. Students divide their time between law and business, while exploring the connections between these fields. Students explore complex and key issues by drawing on a broad reservoir of legal and business knowledge and the computing technologies required for the commercial world. Graduates have a wide range of career opportunities and pathways into further study and education, including a pathway to a professional law qualification.

atu.ie/AU915

⏱ 3 Years

CAO POINTS 337 (Level 8 2023)

Minimum Entry Requirements

30 Places

✉ cao.sligo@atu.ie

Special Features

The law strand covers core law subjects to give students a strong foundation should they wish to continue their studies to qualify as a solicitor or a barrister.
The business strand covers core business subjects. Students will analyse and evaluate business and associated legal issues encountered by organisations.

Combining both strands, students are given an opportunity to undertake research in their final year for an applied project or dissertation. This immerses students in emerging areas relevant to professionals working in a range of legal and business settings.

Quick Fact

Guest speakers regularly visit to discuss high profile cases. Students also go on a variety of trips to places such as the Central Criminal Court, the Four Courts and Dáil Éireann.

Career Opportunities

Rewarding careers in law include a solicitor, in-house counsel, barrister, legal executive or court personnel. Business opportunities are vast and include banking, finance, insurance, human resource management and digital transformation. Further opportunities exist in evolving areas with a market need for expertise in compliance, cyber security, data privacy and protection professionals in Ireland. There is also growing demand in sustainability, ethics and social media.

Further Study Options

Graduates may progress to a Level 9 masters or a Level 10 PhD across a range of subject areas. Graduates may apply to undertake the Professional Master of Education (PME) programme to become a secondary school teacher of business.

Graduates interested in pursuing a legal career may progress to a postgraduate programme to prepare for the FE1 exams, the first step in becoming a qualified solicitor.

Did You Know?

Students analyse and evaluate business and associated legal issues encountered by organisations while developing important professional skills such as communication, legal research, academic writing, critical thinking, problem-solving, teamwork, negotiation and mediation. These practical skills are sought after by employers and equip graduates for employment and professional practice across a range of sectors.

What will I study?

Year 1

- Skills for Success
- Organisational Behaviour
- Marketing
- Legal Systems
- Tort Law
- Company Secretarial
- ICT Applications
- Microeconomics
- Data Analytics
- Legal Skills
- Contract Law
- Criminal Justice

Year 2

- Management
- Introduction to Business Finance
- Web and Social Media Analytics
- Constitutional Law and Government
- Data Protection and Freedom of Information
- Legal Professional: Skills for Practice
- Human Resource Management
- Emerging Trends in Business Law
- Company Law
- Governance and Compliance
- European Union Law

Year 3

- Business Enterprise and Entrepreneurship
- Macroeconomics
- Quantitative Techniques and Reporting
- Research Methods with Law
- Commercial and Consumer Law
- Business Sustainability and Human Rights
- Strategic Management
- Digital Transformation
- Property Law
- Employment Law
- Dissertation or Applied Project
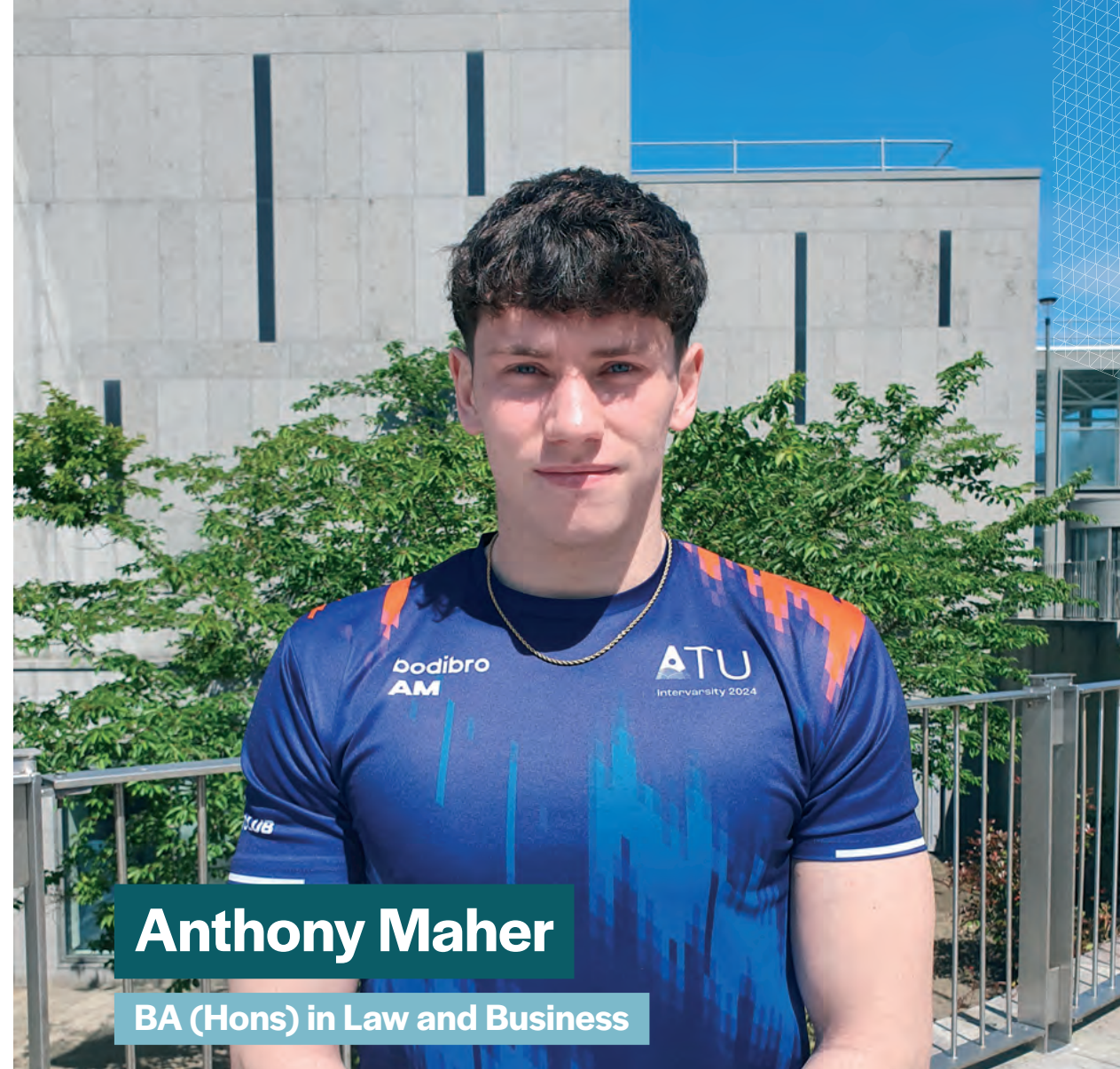
Anthony Maher

BA (Hons) in Law and Business

I chose this degree as the modules sounded very interesting. I also knew graduating with a degree including both business and law would open lots of different career opportunities. The lecturers on the degree are brilliant. They are always available to offer support and answer any questions.

During the degree, students and their lecturers go on several fieldtrips. We have visited places such as the Central Criminal Court, Dáil Éireann and the Four Courts. There are other practical elements to the degree too which really help bring the theory to life. I have also been the recipient of an ATU Sports Scholarship for swimming throughout my studies. This offers excellent additional supports.

AU917 | Level 8 | Bachelor of Arts (Honours)

English and Psychology

This undergraduate degree is the first at Atlantic Technological University to be accredited by the Psychological Society of Ireland (PSI). The degree enables students to think critically and acquire a deep understanding of the human condition and human behaviour through the study of English and psychology. The transferable skills, knowledge and understanding acquired on the programme are highly relevant and sought after by a wide variety of industry employers and postgraduate educational programmes.

atu.ie/AU917

🕐 3 Years

CAO POINTS 358 (Level 8 2023)

✅ Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ Maths not required

👥 48 Places

🔵 Erasmus+

✉️ cao.sligo@atu.ie

Special Features

Throughout their studies, students have 50% of their modules in the English strand and 50% in the psychology strand.

The psychology strand involves the scientific study of human behaviour through the analysis of fields such as human development, theories of learning, therapeutic approaches, social dynamics, biological processes, mental health and psychological research skills.

The English strand offers both traditional and practice-based academic approaches to literature and drama for adults, children and young people. English literature, prose, poetry and drama are works of art that are primarily concerned with the human condition.

Career Opportunities

Career opportunities are significant and diverse. This includes mental health and wellbeing sectors, technology and social media companies, media and communications, teaching, research, events management, data science, creative, culture and arts sectors, arts management and marketing. Students develop exceptional communication skills, professional skills in the arts and in the analysis and interpretation of human behaviour, which are highly desirable by employers.

Further Study Options

Should graduates meet the accreditation requirements of the Psychological Society of Ireland (PSI), they will not need to complete a conversion programme. This means graduates may progress to a Taught and/or Research Psychology Masters, and Doctoral Programmes.

Graduates may apply to undertake a Professional Master of Education (PME) to become a secondary school teacher of English.

Did You Know?

This undergraduate degree is the first at Atlantic Technological University to be accredited by the Psychological Society of Ireland (PSI). This ensures that the psychology strand of the degree meets the highest standards for undergraduate, pre-professional education and training in psychology.

Completion of a PSI accredited undergraduate degree (including passing the final year independent Psychology Research Project module) with a 2.2 grade or above, with an overall pass mark of 50%, confers eligibility for graduate membership with the PSI.

What will I study?

Year 1
- Psychology of Learning
- Research Ethics in Psychology
- Drama Studies
- Foundations of Psychology
- English Literature, Prose and Poetry
- Theatre in Education
- Developmental Psychology (0-18 years)
- Applied Cultural Studies in Literature, Drama and Contemporary Culture
- Research Methods for Psychology 1

Year 2
- Personality and Individual Differences
- Adult Developmental Psychology
- Research Methods for Psychology 2
- Literary Genres - Short Forms - The Short Story & Irish Poetry
- Literary Theory and Criticism
- Children's Literature
- Drama in Education
- Psychological Therapy
- Social Psychology
- The Biological Basis of Behaviour
- Irish Contemporary Drama through the lens of Greek Tragedy
- Young People's Literature

Year 3
- Cognitive Psychology
- Research Methods for Psychology 3
- Contemporary Irish Writing
- Theatre for Young Audiences
- Psychological Connections for Wellbeing
- Research Methods for English and Drama/Applied Theatre Studies
- Psychology Research Project **OR** Research Dissertation (English Strand)

Professional Accreditation

This Programme is accredited by the Psychological Society of Ireland (PSI).

AU919 | Level 8 | Bachelor of Education (Honours)

Early Education and Care

Combining theory with professional practice, this applied degree supports graduates to become skilled, competent, ethical and reflective practitioners. The programme believes that every child is unique, has rights and agency, and is both a knowledge holder and creator. These features are fostered throughout the programme, focusing on students developing skills that will support, nurture, educate and care for the health and well-being of each child. Graduates have the skills to support the child's life-long learning within education, the family, community and partnerships.

atu.ie/AU919

🕐 4 Years

CAO POINTS 283 (Level 8 2023)

✅ Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ Maths not required

👥 60 Places

📄 Work Placement

🔵 Erasmus+

✉️ cao.sligo@atu.ie

Special Features

ATU Sligo is one of just three higher education institutions in Ireland to offer a Bachelor of Education in Early Education and Care, as opposed to a Bachelor of Arts more commonly found.

Students undertake a four-week placement in Year 1 and a 13-week placement in both Year 2 and Year 3. Students can also take part in Erasmus+ Blended Intensive Programmes. These are brief modules designed with our partner universities in Germany, Finland and Estonia. Students complete online learning sessions and a five-day trip to a host university.

This programme is approved by the Qualifications Advisory Board as meeting the requirements of the Professional Award Criteria and Guidelines standards.

Career Opportunities

Graduates can pursue a range of professional career opportunities including working in early childhood settings such as crèches, nurseries, playgroups, pre-schools and primary schools. Graduates can also pursue employment in community development roles, county childcare committees, Tusla the Child and Family Agency, community-based family support programmes as well as in specialist areas such as additional needs services.

Further Study Options

Graduates can pursue a wide range of Level 9 and Level 10 postgraduate programmes in ATU or other higher education institutions. For example, students may apply to progress to the MA in Leadership and Advocacy in the Early Years or postgraduate awards in primary education or community development. Graduates have continued their studies and are working as primary school teachers and speech and language therapists. Graduates may also undertake postgraduate study in psychology, disability studies, childhood studies and play therapy.

Did You Know?

A digital badge is embedded in this degree. This allows graduates to work in a world of technology based on the principles of the Universal Design for Learning (UDL).

ATU Sligo's modern facilities mean that students benefit from a state-of-the art early years skills laboratory, outdoor learning spaces and two creative practice spaces.

What will I study?

Year 1
- Sociology and Childhood
- Nurturing Creativity and Playfulness
- Children's Play and Pedagogy
- Relational, Nurturing and Caring Pedagogy
- Inclusive Practice: Intercultural Learning
- Early Years Language, Literacy and Numeracy
- Child Development
- Quality in Irish ECEC
- Children's Health, Safety and Wellbeing
- Curriculum Planning, Assessment and Documentation
- STEAM

Year 2
- Early Childhood Law
- Curriculum Planning, Assessment and Documentation
- Promoting Healthy Nutrition and Physical Activity in ELC Settings
- Repositioning Childhoods
- Child Development
- STEAM
- ECEC Practice Placement

Year 3
- Professional Leadership and Advocacy
- Pedagogical Approaches and Practices of Early Childhood
- Outdoor and Nature-Based Early Childhood Education and Care
- Inclusive Practice 2: Disability, Policy and Design
- Social Policy of Early Childhood
- Child Welfare and Protection
- ECEC Practice Placement

Year 4
- Philosophy and Early Learning and Care
- Childhood 3: Multiple Childhoods
- Curriculum and Pedagogy
- The Emerging Early Childhood Educator
- Child-Centred Practitioner Research
- Working in Partnership in the Early Learning and Care Sector
- Professional Management
- Implementing Early Learning and Care Policy in Practice
- Supporting Transitions in the Early Years
- Capstone Project

AU918 | Level 8 | Bachelor of Arts (Honours)

Social Care Practice

Ireland, among other countries, continues to face many social challenges. A career in social care practice is challenging and uniquely rewarding, as graduates can make a real difference to people's lives. Social care practice is a dynamic and continuously developing field that is now a professionally regulated career under CORU. Throughout this degree, students develop their critical thinking skills, have a greater understanding of human interaction, and how to respond in a professional and informed way to the needs of people who use support services.

atu.ie/AU918

🕐 4 Years

CAO POINTS 300 (Level 8 2023)

📋 Minimum Entry Requirements PLUS
▪ Garda Vetting
▪ Maths not required

👥 70 Places

📄 Work Placement

✉ cao.sligo@atu.ie

Special Features

Professional practice placement is an integral part of this programme where students complete two 13-week blocks in professional social care practice settings. Here, students are supported to apply and develop their skills and competencies in the field, thus emerging as confident, self-aware, experienced and professional social care practitioners. Our students regularly graduate with job prospects awaiting them because of their professional practice placement.

Professional Accreditation

This degree has been approved by CORU as attesting to the standard of proficiency required for registration for Social Care Workers.

Career Opportunities

As a social care practitioner, qualifying under the professional regulator CORU, graduates are sought after by employers in a range of areas. Graduates work at the front line, as social care professionals, leaders, and managers in the public, private, community and voluntary sectors, with persons who require support. Employment opportunities are wide and include working with children and young people at risk, older persons, individuals with disabilities, community groups, those experiencing addictions, residential services and homeless services.

Further Study Options

ATU offer a comprehensive suite of Level 9 and Level 10 postgraduate qualifications both on-campus and online to further develop and enhance the career prospects of our students. This includes our CORU approved MA in Social Work. Graduates may also progress to masters programmes in areas such as social care and social justice, social research practice, addiction studies, equality and counselling or a Level 10 PhD doctorate in research.

Did You Know?

Our team of lecturers inspire students with their first-hand industry experience as social care workers and psychologists to name a few. Real-life experiences help bring the theory to life for our students.

Roleplay is an active learning strategy within this degree and is used in teaching, learning and assessment opportunities.

What will I study?

Year 1
- Introductory Sociology
- Introduction to Lifespan Development
- Creative Practice for Social Care
- Social Care and Social Policy
- Interdisciplinary Care
- Research Based Study Skills
- Professional Practice
- Health, Safety and Wellbeing in Social Care Practice
- Communicative Practice in Social Care
- Introduction to law

Year 2
- Social Care and Social Policy
- Creative Practice for Social Care
- Adult Mental Health: A Psychological Perspective
- Principles of Law
- Sociology: Making Sense of Society
- Professional Practice
- Practice Placement SCP

Year 3
- Child and Family Law
- Social Care and Social Policy
- Practice, Policy and Evidence
- Sociology: An intersectional approach
- Child and Adolescent Mental Health
- Professional Practice
- Social Care Practice Placement

Year 4
- Management and Leadership for the Social Care Sector
- Professional Practice
- Social Science Research Methods
- Welfare and Protection in Social Care
- Social Care Practice - Building Relationships and Resolving Conflict
- Ethics for Social Care
- Dissertation/Research Project

Additional elective modules are available

Cian Lally

BA (Hons) in Social Care Practice

There is such a diverse range of modules which bring different learning outcomes, whilst the CORU accreditation really makes this degree stand out. The lecturers are so friendly too. Their expertise and knowledge from working in industry is invaluable. We get important hints and tips that you will only get from those who have seen and done it.

The opportunity to go on work placement for two full semesters is incredible. This first-hand experience is not only great for learning, it also gives you an idea of the specific type of career you want to pursue. If you are considering working with children, families, community work or anything socially, then this is the degree for you. It will open so many possibilities.

AU940 | Level 8 | Bachelor of Engineering (Honours)

Engineering (Common Entry)

Degree Award Options:

- Robotics and Automation
- Civil Engineering
- Mechanical Engineering

This general engineering year equips students with the fundamentals of engineering and gives them exposure to all the different types of engineering that are on offer in ATU Sligo. This helps students to make an informed choice as to which field of engineering to enter based on their aptitude and interest. On successful completion of Year 1, students will transfer into Year 2 of the programme of their choice. Students can choose one of the following options: Robotics and Automation, Civil Engineering or Mechanical Engineering.

atu.ie/AU940

🕐 4 Years

CAO POINTS 371 (Level 8 2023)

Minimum Entry Requirements PLUS
▪ Min H5 in Maths

👥 64 Places

📄 Work Placement

Erasmus+

cao.sligo@atu.ie

Common Entry

This programme offers students an introduction to a wide range of engineering disciplines. Our suite of Level 8 degrees in Robotics and Automation, Civil Engineering and Mechanical Engineering all share common first year modules. This allows students the opportunity to study aspects of each before making an informed decision on which discipline to specialise in. From Year 2, students engage in more detailed applications of the fundamentals of engineering in their chosen field.

Career Opportunities

Our engineering graduates are in high demand to meet the skills shortage across the sector both nationally and internationally. The career opportunities vary for graduates depending on which stream of engineering they choose to specialise in. From the high-tech pharmaceutical and electronics sectors to traditional manufacturing with design, fabrication and assembly; or the design, construction and maintenance of the built environment that is essential to our society, graduates pursue a wide variety of career paths. They work as design and project engineers or in consultancy and management, to name a few.

Further Study Options

We offer a comprehensive suite of Level 9 and Level 10 postgraduate qualifications both on campus and online to further develop and enhance the career prospects of our students. These include our MEng in Road and Transport Engineering, MSc in Quality, MEng in Connected and Autonomous Vehicles and MSc in Computing (Data Science).

What will I study?

Year 1

- Introduction to Engineering
- Engineering Mechanics
- Engineering Graphics and CAD
- Engineering Physics
- Mathematics
- Engineering Chemistry
- Electrical Principles Engineering
- Introduction to Programming
- Multi-Disciplinary Project
- Introduction to Professional Engineering

Did You Know?

Students undertake a 12-week work placement in Semester 2 of Year 3. This allows them to put all the skills from their studies into a real work experience. This can help to reinforce career path choices. It can also highlight new career opportunities or fuel a desire to progress into postgraduate studies.

Quick Fact

Engineering student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. This allows students to network with potential employers. A link to the latest edition of the expo catalogue can be found on our engineering programme webpages.

Professional Accreditation

Accreditation from Engineers Ireland for Chartered Engineer is expected after the first cohort of graduates. Accreditation for our honours degree in Civil Engineering is already in place.

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Robotics and Automation*
Year 2

- Control Systems
- Analog Electronics
- Advanced Automation Technology
- Introduction to Engineering Material
- Industrial Data Communication
- Digital Electronics
- Introduction to Robotics
- Pneumatic and Hydraulic Systems
- Mathematics

Year 3

- Work Placement
- Control Systems Analysis and Design
- Energy Operations and Utilities Management
- Image Processing
- Power Electronics and Drives
- Six Sigma 2 Statistical Control
- Mathematics
- Supervisory Control and Data Acquisition

Year 4

- Final Year Project
- Advanced Robotics
- Industrial Networks
- AV Sensor Systems
- Renewable Energy Systems
- Control Systems Analysis and Design
- Deep Learning for Computer Vision
- Computer Vision
- Finance for Engineers
- Research Methods

Civil Engineering
Year 2

- Civil Engineering Materials
- Structural Mechanics
- Hydraulics
- Environmental Engineering
- Surveying
- Site Management
- Structural Mechanics
- Soil Mechanics and Geology
- Mathematics

Year 3

- Environmental Engineering
- Geotechnical Engineering
- Hydraulics
- Structural Mechanics
- Structural Design
- Highway Engineering
- Mathematics
- Structural Analysis
- Work Placement

Year 4

- Final Year Project
- Transportation Engineering
- Civil Engineering Law
- Project Management and Finance
- Environmental Engineering
- Geotechnical Engineering
- Structural Analysis
- Structural Design
- Highway Engineering
- Hydraulics

*Please note that Robotics and Automation is not available for selection on the CAO but students may choose to study this degree from Year 2 onwards.

Mechanical Engineering
Year 2

- Engineering Dynamics
- Manufacturing Processes
- Design Engineering Project
- Control Systems
- Energy Systems
- Pneumatic and Hydraulic Systems
- Automation Programming
- Mathematics
- Design Engineering Project
- Introduction to Engineering Materials
- Mechanics for Mechanical Engineers

Year 3

- Work Placement
- Applied Mechanics
- Energy Systems
- Dynamic Modelling and Simulation
- Materials and Processes
- Computer Aided Engineering
- Energy Operations and Utilities Management
- Essential Lean Six Sigma and Validation

Year 4

- Final Year Project
- Industry 4.0
- Mechanical Design
- Advanced Technology and Innovation
- Renewable Energy Systems
- Statistical and Numerical Methods
- Energy Systems
- Computer Vision
- Finance for Engineers

AU830 | Level 7 | Bachelor of Engineering
AU715 | Level 6 | Higher Certificate in Engineering

Engineering (Common Entry)

Degree Award Options:

- Precision Engineering and Design
- Mechatronic Engineering
- Civil Engineering
- Mechanical Engineering

This general engineering programme gives students exposure to different types of engineering and equips them with the fundamentals of engineering. This helps students to make an informed choice of what field of engineering to enter based on their aptitude and interest. On successful completion of Semester 1, students transfer into Semester 2 of the specialism of their choice. Students can choose one of the following options: Precision Engineering and Design, Mechatronic Engineering, Civil Engineering or Mechanical Engineering.

atu.ie/AU830
atu.ie/AU715

🕐 2/3 Years

CAO POINTS 290 (Level 7 2023)
191 (Level 6 2023)

Minimum Entry Requirements

64 Places

cao.sligo@atu.ie

Common Entry

Students are introduced to a wide range of engineering disciplines. Our suite of programmes in Precision Engineering and Design, Mechatronic Engineering, Civil Engineering and Mechanical Engineering all share common modules in Semester 1. This gives students the opportunity to study engineering in a general way before specialising in an area of their choice. No matter which engineering programme a student comes to ATU Sligo to study, they will have the flexibility to change their specialism at the end of Semester 1 if they wish.

Career Opportunities

Our engineering graduates are in high demand to meet the skills shortage across the sector both nationally and internationally. The career opportunities vary for graduates depending on which stream of engineering they choose to follow. Engineering has a very diverse application in both the private and public sector. This ranges from the design and construction of buildings, bridges and roads to working with innovative technology within the aerospace and automotive industries, as well as taking lead roles in the manufacturing and medical device sector.

Further Study Options

Level 6 graduates can progress to the final year of the ordinary degree in their chosen field. Level 7 graduates may progress to an honours degree after which we offer a wide range of Level 9 and Level 10 postgraduate programmes.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1 Semester 1

- Introduction to Engineering
- Engineering Mechanics
- Introduction to Programming
- Engineering Physics
- Engineering Graphics and CAD
- Mathematics

Precision Engineering and Design*
Year 1 Semester 2

- Design
- Mechanical Project
- Electrical Principles Engineering
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation
- Mathematics

Year 2

- Design Engineering Project
- CIM and Automation Technology
- Mechanics
- Manufacturing and Engineering Technology
- CAD/CAM
- Introduction to Engineering Materials
- Integrated Project
- Mathematics

Year 3 (Level 7)

- Manufacturing and Engineering Technology
- Design Engineering Project
- Thermodynamics and Fluid Mechanics Introduction
- CIM and Automation Technology
- Computer Aided Design
- Computer Aided Manufacture
- Material Testing and Metrology
- CIM and Robotics
- Mechanics/Dynamics
- Essential Lean Six Sigma and Validation
- Machine Design
- Mould Design and Polymer Processing

Please note that Precision Engineering and Design is not available for selection on the CAO but students may choose to study this degree from Semester 2 onwards.

What will I study?

Mechatronic Engineering
Year 1 Semester 2

- Electrical Principles Engineering
- Mathematics
- Electromechanical Technology
- Engineering Chemistry
- Circuit Simulation and Layout
- Design

Year 2

- Electrical Technology
- Instrumentation and Control
- Creativity, Innovation and Entrepreneurship
- Automation Programming
- Pneumatic and Hydraulic Systems
- Electrical Signals Systems and Technology
- Programming and Interfacing
- Introduction to Engineering Materials
- Mechanics

Year 3 (Level 7)

- Control Systems
- Introduction to Robotics
- Supervisory Control and Data Acquisition
- Industrial Data Communication
- Mechatronics Project 300
- Advanced Automation Technology
- Essential Lean Six Sigma and Validation
- Professional Development and Employability
- Mathematics

Civil Engineering
Year 1 Semester 2

- Building Information Modelling
- Construction Technology
- Engineering Chemistry
- Human Relations and Personal Development
- Mathematics
- Engineering Mechanics

Year 2

- Civil Engineering Materials
- Structural Mechanics
- Hydraulics
- Environmental Engineering
- Surveying
- Site Management
- Structural Mechanics
- Soil Mechanics and Geology
- Mathematics
- Water Treatment
- Structural Design

Year 3 (Level 7)

- Environmental Engineering
- Geotechnical Engineering
- Hydraulics
- Structural Mechanics
- Structural Design
- Highway Engineering
- Mathematics
- Structural Analysis
- Project
- Water Treatment

Mechanical Engineering
Year 1 Semester 2

- Electrical Principles Engineering
- Mathematics
- Mechanical Project
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation
- Design

Year 2

- Thermodynamics and Fluid Mechanics
- CAD/CAM
- Manufacturing and Engineering Technology
- Design Engineering Project
- CIM and Automation Technology
- Mechanics
- Introduction to Engineering Materials
- Mathematics

Year 3 (Level 7)

- Mathematics
- Thermodynamics and Fluid Mechanics
- Machine Design
- CIM and Robotics
- Mechanics/Dynamics
- Computer Aided Design
- Essential Lean Six Sigma and Validation
- Control Systems
- Materials Testing and Metrology
- Integrated Project

Freja Glans Præstekjær

BEng (Hons) in Engineering (Common Entry)

I love a challenge and growing up I really enjoyed maths, robots and Formula 1. When it came to choosing what degree to study, engineering was the perfect option for me. I also knew that choosing to study engineering in ATU Sligo would allow me to figure out what area suited me best. The common entry aspect to this engineering degree is so beneficial.

I really enjoy the hands-on approach to this degree. There is a big focus on practical learning which reinforces the theory learnt in lectures. We were working in the state-of the-art engineering labs within the first week. At the end of Year 1, I chose to specialise in Robotics and Automation.

AU831 | Level 7 | Bachelor of Engineering

Mechatronic Engineering

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems used in modern manufacturing industries. Mechatronic engineers are problem solvers by nature, looking for solutions to sometimes difficult engineering applications. During their studies, students learn how to design, build and control the machines and processes that are found in a wide range of sectors. Graduates have the interdisciplinary approach necessary to integrate electronics, control, software and mechanical engineering.

atu.ie/AU831

⏰ 3 Years

CAO POINTS 307 (Level 7 2023)

Minimum Entry Requirements

32 Places

@ cao.sligo@atu.ie

Special Features

Mechatronics is how high-tech manufacturing is carried out today and is becoming one of the fastest growing career areas. This programme offers an applied and practical-based approach with content that develops industry relevant and sought after skills. We have designed this degree to address the needs of industry by supplying skilled technicians who have developed a diverse set of skills in machine design, sensor technology, control systems, computing and industrial networks.

Common Entry

All our Level 7 and Level 6 engineering programmes have a common first semester. This gives students an understanding of all aspects of engineering and the flexibility to change direction in Semester 2 if desired.

Career Opportunities

Our engineering graduates are in high demand to meet the skills shortage across the mechatronic and automation sector both nationally and internationally. Graduates work in a wide range of industrial settings including the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors. This degree also includes professional accreditation from Engineers Ireland. This is an internationally recognised accreditation which means graduates have worldwide employment opportunities.

Further Study Options

Graduates may progress to the Level 8 BEng (Hons) in Mechatronic Engineering or the BEng (Hons) in Robotics and Automation in ATU. Level 8 graduates can pursue a wide range of Level 9 and Level 10 postgraduate programmes in ATU or other higher education institutions.

Did You Know?

Engineering student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. This allows students to network with potential employers. A link to the latest edition of the expo catalogue can be found on our Mechatronic Engineering programme webpage.

What will I study?

Year 1

- Introduction to Engineering
- Engineering Mechanics
- Introduction to Programming
- Engineering Physics
- Engineering Graphics and CAD
- Mathematics
- Electrical Principles Engineering
- Electromechanical Technology
- Engineering Chemistry
- Circuit Simulation and Layout
- Design

Year 2

- Electrical Technology
- Instrumentation and Control
- Creativity, Innovation and Entrepreneurship
- Automation Programming
- Pneumatic and Hydraulic Systems
- Electrical Signals Systems and Technology
- Programming and Interfacing
- Introduction to Engineering Materials
- Mechanics

Year 3

- Control Systems
- Introduction to Robotics
- Supervisory Control and Data Acquisition
- Industrial Data Communication
- Mechatronics Project 300
- Advanced Automation Technology
- Essential Lean Six Sigma and Validation
- Professional Development and Employability
- Mathematics

Quick Fact

Mechatronic Engineering students benefit from an annual exchange programme with Kempten University of Applied Sciences in Germany. ATU Sligo students and lecturers get to spend one week at the German university, and through a range of workshops and lectures, gain valuable knowledge from Kempten's faculty.

AU943 | Level 8 | Bachelor of Engineering (Honours)

Mechanical Engineering

This is a modern degree that prepares graduates for a broad range of career choices in the fields of mechanical and manufacturing engineering. Through a combination of theory, practicals and workshops, students gain up to date knowledge of engineering principles and learn how to apply these to solve real-world problems. We teach the essential elements of the design process and methodologies relevant to complex engineering.

atu.ie/AU943

- 4 Years
- 322 (Level 8 2023)
- Minimum Entry Requirements PLUS
  • Min H5 in Maths
- 16 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

Topics such as finance and Industry 4.0 allow students to explore the various paths offered to engineers, and to be ready for the digitalisation of the engineering sector. Students are also asked to consider issues such as ethics and sustainability by exploring the responsibilities of the engineering profession towards people and the environment.

Industry-based projects are integral to this degree. Students solve real-world problems whilst enhancing their ability to work effectively as an individual, in a team and in multidisciplinary settings.

Common Entry

There is a common first year across all our Level 8 engineering degrees. This gives students an understanding of all aspects of engineering and the flexibility to change direction in Year 2 if desired.

Career Opportunities

Graduates have expert knowledge in mechanics, thermodynamics, fluid mechanics, material sciences, electronics, automation, information technology and computer-aided engineering.

Graduates work in a range of industries as a mechanical engineer, manufacturing engineer, design engineer, product designer, materials engineer and more. Graduates also have the necessary key skills to progress to managerial or research and development roles.

Further Study Options

Graduates may pursue a postgraduate qualification by either a taught or research masters, or a PhD by research. There are several postgraduate programmes available in ATU. Graduates may also pursue postgraduate studies at other higher education institutions.

Did You Know?

Students complete a work placement between January and September in Year 3, which includes the opportunity to apply to study for one semester in Germany.

Quick Fact

Engineering student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. This allows students to network with potential employers.

Professional Accreditation

Accreditation from Engineers Ireland for Chartered Engineer is expected after the first cohort of graduates.

What will I study?

Year 1
- Introduction to Engineering
- Engineering Mechanics
- Engineering Graphics and CAD
- Engineering Physics
- Mathematics
- Engineering Chemistry
- Electrical Principles Engineering
- Introduction to Programming
- Multi-Disciplinary Project
- Introduction to Professional Engineering

Year 2
- Engineering Dynamics
- Manufacturing Processes
- Design Engineering Project
- Control Systems
- Energy Systems
- Pneumatic and Hydraulic Systems
- Automation Programming
- Mathematics
- Design Engineering Project
- Introduction to Engineering Materials
- Mechanics for Mechanical Engineers

Year 3
- Work Placement
- Applied Mechanics
- Energy Systems
- Dynamic Modelling and Simulation
- Materials and Processes
- Computer Aided Engineering
- Energy Operations and Utilities Management
- Essential Lean Six Sigma and Validation

Year 4
- Final Year Project
- Industry 4.0
- Mechanical Design
- Advanced Technology and Innovation
- Renewable Energy Systems
- Statistical and Numerical methods
- Energy Systems
- Computer Vision
- Finance for Engineers

Anthony Mannion

BEng (Hons) in Mechanical Engineering

I really enjoyed how all theory learnt in lectures was reinforced with practical classes in the engineering labs. I am a visual learner and I love to brainstorm ideas. Being able to transfer my ideas into a virtual platform then into a manufacturable output was very rewarding. The lecturers were also brilliant and were always there to answer any questions we had.

During my time in ATU Sligo I was part of a team which won the Engineers Ireland Innovative Student Engineer of the Year Award for our willow harvester project. I have been very fortunate to work across a wide range of industries both in Ireland and Canada since graduating. I currently work as an Advanced Inventor Designer with Falkbuilt Ltd. in Calgary, Canada.

AU833 | Level 7 | Bachelor of Engineering

Mechanical Engineering

This programme enables students to understand and apply the principles of mathematics, science, physics and the various mechanical engineering technologies, as well as practicing design processes and techniques. Students have access to state-of-the-art facilities, including comprehensive material and testing laboratories, industry standard software in CAD/ CAM, automation equipment, traditional manufacturing workshops, 3D printers and advanced CNC machines.

atu.ie/AU833

3 Years

CAO POINTS — 241 (Level 7 2023)

Minimum Entry Requirements

48 Places

cao.sligo@atu.ie

Special Features

Students undertake a major design and group build project in Year 3. Previous group projects have included the design, building and testing of automated pick-and-place assembly machines, wind turbines, hovercrafts, compactors, dune buggies, and special purpose machines such as a willow harvester, oyster-shell crusher and a grading machine for mussels. Students also undertake company visits and receive guest lectures from industry speakers.

Did You Know?

Our students have won several national competitions with their final year projects, notably with Engineers Ireland and at the National Ploughing Championships. Engineering student projects are also presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. A link to the latest edition of the expo catalogue can be found on our Mechanical Engineering programme webpage.

Career Opportunities

Our graduates are in high demand to meet the skills shortage across the sector both nationally and internationally. With a strong emphasis on design in our degree, graduates secure positions as design engineers in automation, medical device, aerospace and other manufacturing industries. Graduates work as technicians, technologists and associate engineers in production planning, engineering management, maintenance, quality, calibration, validation, energy utilisation and project management. This degree also includes professional accreditation from Engineers Ireland which means graduates have worldwide employment opportunities.

Further Study Options

Graduates may progress to the BEng (Hons) in Mechanical Engineering or the BEng (Hons) in Precision Engineering and Design in ATU. Level 8 graduates can pursue a wide range of Level 9 and 10 postgraduate programmes in ATU or in other higher education institutions.

Common Entry

All our Level 7 and Level 6 engineering programmes have a common first semester. This gives students an understanding of all aspects of engineering and the flexibility to change direction in Semester 2 if desired.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Introduction to Engineering
- Engineering Mechanics
- Introduction to Programming
- Engineering Physics
- Engineering Graphics and CAD
- Mathematics
- Electrical Principles Engineering
- Mechanical Project
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation
- Design

Year 2
- Thermodynamics and Fluid Mechanics
- CAD/CAM
- Manufacturing and Engineering Technology
- Design Engineering Project
- CIM and Automation Technology
- Mechanics
- Introduction to Engineering Materials
- Mathematics

Year 3
- Mathematics
- Thermodynamics and Fluid Mechanics
- Machine Design
- CIM and Robotics
- Mechanics/Dynamics
- Computer Aided Design
- Essential Lean Six Sigma and Validation
- Control Systems
- Materials Testing and Metrology
- Integrated Project

Quick Fact

Following completion of Year 2, students may join the BEng in Precision Engineering and Design programme which concentrates on the design of precision plastic and metal products, mould and die design, together with all the related manufacturing, polymer processing, metrology and validation technologies.

AU944 | Level 8 | Bachelor of Engineering (Honours)
AU835 | Level 7 | Bachelor of Engineering

Civil Engineering

Civil engineering deals with the design, construction and maintenance of the built environment that is essential to our society. A civil engineer's work involves solving complex problems in several different engineering areas including environmental, geotechnical, structural, transportation and construction. This includes roads, tunnels, bridges, buildings, offshore oil-platforms, water supply systems, wastewater treatment systems, dams and sustainable energy schemes such as hydroelectric stations and wind farms.

atu.ie/AU944
atu.ie/AU835

3/4 Years

CAO POINTS — 361 (Level 8 2023)
262 (Level 7 2023)

Minimum Entry Requirements PLUS
▪ Min H5 in Maths for the Level 8 degree

32 Places

Work Placement

cao.sligo@atu.ie

Special Features

Level 8 students complete a 12-week work placement in Year 3. This provides practical work experience in the civil engineering industry, with a wide range of employers to choose from.

Our degrees are a blend of formal lectures, real-life projects and relevant practical classes to enhance the understanding of topics. Real-life multi-disciplinary projects give students experience of working with professionals in other construction related areas. These include architects, quantity surveyors and construction project managers.

Did You Know?

A female student network has been established in ATU Sligo to help the growing number of female students settle into engineering and construction based programmes in higher education.

Career Opportunities

Ireland, together with the rest of the world, is experiencing a shortage of civil engineering graduates to work in all areas of the civil engineering and construction industries.

Graduate careers include professional civil engineers in the research, design, management, supervision, construction and maintenance of civil engineering projects for local authorities, government agencies, engineering contractors and consultants. Our degrees also include professional accreditation from Engineers Ireland. This is an internationally recognised accreditation which means graduates have worldwide employment opportunities.

Further Study Options

Level 7 graduates may exit after three years with a BEng in Civil Engineering or progress to Year 3 of our BEng (Hons) in Civil Engineering and continue their studies to achieve a Level 8 degree. Level 8 graduates may progress to taught and research masters in ATU or other higher education institutions.

Quick Fact

Engineering student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. A link to the latest edition of the expo catalogue can be found on our Civil Engineering programme webpages.

Professional Accreditation

ENGINEERS IRELAND
ACCREDITED PROGRAMME

What will I study?

Year 1
- Introduction to Engineering
- Engineering Mechanics
- Engineering Graphics and CAD
- Engineering Physics
- Mathematics
- Engineering Chemistry
- Electrical Principles Engineering
- Introduction to Programming
- Multi-Disciplinary Project (Level 8)
- Building Information Modelling (Level 7)
- Construction Technology (Level 7)

Year 2
- Civil Engineering Materials
- Structural Mechanics
- Hydraulics
- Environmental Engineering
- Surveying
- Site Management
- Structural Mechanics
- Soil Mechanics and Geology
- Mathematics
- Water Treatment
- Structural Design

Year 3
- Environmental Engineering
- Geotechnical Engineering
- Hydraulics
- Structural Mechanics
- Structural Design
- Highway Engineering
- Mathematics
- Structural Analysis
- Work Placement (Level 8)
- Project (Level 7)
- Water Treatment

Year 4 (Level 8)
- Final Year Project
- Transportation Engineering
- Civil Engineering Law
- Project Management and Finance
- Environmental Engineering
- Geotechnical Engineering
- Structural Analysis
- Structural Design
- Highway Engineering
- Hydraulics

AU945 | Level 8 | Bachelor of Science (Honours)
AU836 | Level 7 | Bachelor of Science

Quantity Surveying

This degree prepares students for the specialised discipline of quantity surveying and offers graduates a broad skills base. A quantity surveyor has the responsibility of controlling project costs and are central to the decision-making process throughout the development of a construction project from initial inception to final completion. We work very closely with employers, practitioners and professional organisations to ensure that our degrees reflect the current and future needs of the workplace.

atu.ie/AU945
atu.ie/AU836

3/4 Years

CAO POINTS 321 (Level 8 2023)
221 (Level 7 2023)

Minimum Entry Requirements

32 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

Our syllabus covers a range of professional skills including communication, ethics, construction law, property development and commercial management. In Year 3, students undertake a work placement for a minimum of three months and gain valuable real-world experience. In Year 4, students complete a practical capstone project, whereby a cost planning and value engineering exercise is carried out on a commercial building.

Did You Know?

From planning skyscrapers and sports stadiums to creating film sets and festival sites, quantity surveyors work on a huge variety of projects. The project to build Tottenham Hotspurs' 62,000-seat stadium was run by a quantity surveyor and cost over £1 billion.

Career Opportunities

Graduates are qualified for careers in quantity surveying consultancy, contracting organisations, specialist sub-contracting firms and elsewhere within the industry. A 2023 Society of Chartered Surveyors Ireland (SCSI) report stated that the national median salary for quantity surveyors was over €77,000. Recent findings also highlight that there is a substantial deficit of surveyors in the construction and property industry to meet the predicted future demand for the construction sector in Ireland.

Further Study Options

Level 7 graduates may exit after three years with a BEng in Quantity Surveying or progress to the final year of a Level 8 BEng (Hons) in Quantity Surveying. Level 8 graduates may progress to ATU's Level 9 Certificate in Mechanical and Electrical Quantity Surveying, MSc in Construction Project Management or to postgraduate studies in other higher education institutions.

Professional Accreditation

Level 8

SOCIETY OF CHARTERED SURVEYORS IRELAND

Level 7 and Level 8

CIOB
THE CHARTERED INSTITUTE OF BUILDING

What will I study?

Year 1
- Principles of Construction
- Quantity Surveying Measurement
- QS in the Construction Industry
- ICT in Quantity Surveying
- Domestic Construction Technology
- Measurement of Small Domestic Buildings
- Site Management and Health and Safety
- Organisation and Management
- Quantity Surveying Software

Year 2
- Complex Domestic Construction Technology
- Measurement of Domestic Buildings
- Estimating
- Construction Contracts and Procurement
- Principles of Law
- Economics
- M&E Construction Technology
- Construction Contract and Tendering
- Professional Practice within the Built Environment
- Construction Economics
- Construction Law

Year 3
- Work Placement or Project
- Industrial Buildings – Construction Technology
- Measurement of Industrial and Commercial Buildings
- Cost Planning
- Private Sector Standard Form of Construction Contracts
- Programming and Planning Theory
- Cost Control
- Commercial Buildings – Construction Technology
- Construction Programme Software
- QS Dispute Management

Year 4 (Level 8)
- Measurement of Complex Structures
- Property Development and Economics
- Capital Works Framework
- BIM for Quantity Surveyors
- Measurement of Civil Engineering Works
- Commercial Management
- Public Works Contract
- Dissertation
- Capstone Project

AU716 | Level 6 | Higher Certificate in Science

Construction Economics

This programme is designed for those with an interest in the building industry and offers graduates a broad skills base for management of construction projects with a strong emphasis on cost. The need for managing costs when setting up sites and the efficient control of labour, plant and materials are vital for the successful completion of a project within an agreed budget. This programme employs the latest technology including 3D modelling, on-screen measurement and BIM readers.

atu.ie/AU716

2 Years

CAO POINTS 318 (Level 6 2022)

Minimum Entry Requirements

32 Places

cao.sligo@atu.ie

Special Features

Key subjects such as building technology, measurement, surveying and Computer Aided Design (CAD) provide a solid grounding in the core knowledge and skills of the construction profession.

This programme provides an understanding of the complexities of modern construction and deals with the organisational skills, materials management, and health and safety requirements of running a building site. There is also an ongoing focus on verbal, written and digital communication skills. Graduates will have the necessary skills for planning and running a construction project of any size.

Career Opportunities

Graduates work as surveyors, estimators, site clerks, site managers, materials managers, sales representatives and quantity surveying technicians with contractors, subcontractors, construction specialists and materials suppliers.

Further Study Options

Graduates can progress directly to the final year of our Level 7 BSc in Quantity Surveying, the final year of our BSc in Construction Management (Online) or to related Level 7 programmes at other higher education institutions.

Did You Know?

Construction costs play a huge role in projects. Some of the greatest construction projects on the planet have had cost problems. The Sydney Opera House, which took 18 years to design and build, opened in 1973 and cost 15 times more than was originally projected. Many construction projects did not finish or even start because of financial problems.

Having qualified professionals with these skills is vital to the success of any construction project, no matter its size.

What will I study?

Year 1
- Principles of Construction
- Principles of Quantity Surveying Measurement
- QS in the Construction Industry
- ICT in Quantity Surveying
- Interpersonal Transferable Skills
- Domestic Construction Technology
- Measurement of Small Domestic Buildings
- Site Management and Health and Safety
- Organisation and Management
- Introduction to Quantity Surveying Software

Year 2
- Complex Domestic Construction Technology
- Measurement of Domestic Buildings
- Estimating
- Construction Contracts and Procurement
- Principles of Law
- Economics
- M&E Construction Technology
- Measurement of Mechanical and Electrical Installations
- Construction Law
- Short Form of Construction Contract and Tendering
- Professional Practice within the Built Environment
- Construction Economics

AU946 | Level 8 | Bachelor of Science (Honours)

Construction Project Management and Applied Technology

This degree blends traditional practical skills including carpentry and joinery with modern construction approaches such as Building Information Modelling (BIM) and Lean Construction. Construction project management is a professional field that focuses on each part of the construction process of any built environment. Students learn how to plan, organise and control construction operations and gain knowledge in all stages of the process; from initial feasibility studies through to design, construction, maintenance, refurbishment and demolition.

atu.ie/AU946

🕐 4 Years

CAO POINTS 304 (Level 8 2023)

📋 Minimum Entry Requirements

👥+ 32 Places

📇 Work Placement

@ cao.sligo@atu.ie

Special Features

This degree integrates applied technology with the use of state-of-the-art workshops. Students develop economic, legal, technical and managerial knowledge and skills. Throughout the programme, real-life practical projects are used to reinforce the theory, culminating in a major practical project combining all modules. In Year 3, a work placement is undertaken within industry to utilise the skills developed. In Year 4, students complete a dissertation in construction project management.

Quick Fact

Student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders.

Career Opportunities

Construction project managers are in very high demand. Graduates have the skills needed to effectively manage project cost, scope and timelines for an ever-changing national and international construction industry. Graduates work with consultants, building contractors, architects, quantity surveyors and local authorities, as carpenters, site managers, project managers and architectural technicians.

Further Study Options

Graduates can further their studies with a Level 9 masters in ATU or other higher education institutions. Graduates may also pursue a Professional Master of Education (PME) to become a secondary school teacher of construction studies and design and communication graphics (DCG).

Did You Know?

Students can obtain an internationally recognised certificate or micro-credential titled Building Information Modelling Approved Graduate (BIM AG). A female student network has been established in ATU Sligo to help the growing number of female students settle into higher education.

Professional Accreditation

CIOB
THE CHARTERED INSTITUTE OF BUILDING

RICS
Accredited Course

What will I study?

Year 1

- Applied Construction Technology
- Principles of Construction
- Graphical Communication and CAD
- Interpersonal Transferable Skills
- Domestic Construction Technology
- Surveying
- Information and Communication Technology

Year 2

- Complex Domestic Construction Technology
- Construction Technology with Advanced Manufacturing
- BIM Fundamentals
- Construction Measurement and Management
- Construction Contracts and Procurement
- M&E Construction Technology
- BIM Advanced
- Health and Safety Management
- ICT for Construction

Year 3

- Applied Construction Management
- Industrial Buildings
- Building Analysis and Adaptation
- Health and Safety Management
- BIM MEP
- Commercial Buildings
- Construction Planning and Management
- BIM Collaboration
- Work Placement

Year 4

- Law Liabilities and Obligations
- Corporate Management
- Construction Planning and Programming
- Construction Contracts and Dispute Resolution
- Project Appraisal, Procurement and Finance
- Project Management and Control
- International Construction
- Lean Principles and Quality Management
- Dissertation in Construction Project Management
- Digital Construction Technology

Nathan Wray

BSc (Hons) in Construction Project Management and Applied Technology

A lot of time is spent in the state-of-the-art workshops where you get to draw, design and construct your own projects. As the degree progresses, the projects become more complex and more interesting. I loved days in the workshops as it is real hands-on experience. Students also study modern subjects like Building Information Modelling (BIM) and Lean Construction which is very important.

Modules link together as the degree progress. For example, we studied roofs in our theory class, we then drew different roof types in our CAD class, before constructing model roofs in the workshop. This allows for easy understanding of topics as you see the process from start to finish. Having graduated, I now work as an Assistant Project Manager with VisionBuilt.

AU837 | Level 7 | Bachelor of Science

Advanced Wood and Sustainable Building Technology

This programme has been designed in partnership with industry to meet the needs of the green economy, which is a major area of employment within the Irish and international economies. The programme equips students with practical carpentry and joinery skills and an in-depth knowledge of sustainable building technologies and materials, including the refurbishment of existing dwellings to achieve a low-carbon design and the construction of new low-energy buildings.

atu.ie/AU837

🕐 3 Years

CAO POINTS 217 (Level 7 2023)

📋 Minimum Entry Requirements

👥 32 Places

📄 Work Placement

✉ cao.sligo@atu.ie

Special Features

We ensure we stay ahead of the latest advancements in construction through regular contact with industry experts. As well as getting hands-on experience, students also use the latest design software in our purpose-built, highly equipped workshops. Throughout the degree, real-life practical projects are used to reinforce the theory, culminating with a major practical project. Students also go on a work placement in Year 3. This is a great opportunity to put all the skills they have developed into a real-world work experience.

Did You Know?

A female student network has been established to help the growing number of female students settle into higher education. This peer group operates within the civil engineering and construction programmes in ATU Sligo.

Career Opportunities

Graduates are prepared for employment with building contracting organisations, architects, quantity surveyors and local authorities in areas such as retrofitting existing building stock, BER certification, preparation of working drawings and specifications, surveying and site setting out, building surveying, defect analysis and construction planning.

Further Study Options

Graduates may progress to the final year of the Level 8 BSc (Hons) in Construction Project Management and Applied Technology or the BSc (Hons) in Construction Project Management add-on in ATU Sligo, or to other related programmes. Level 8 graduates may progress to postgraduate studies in ATU or other higher education institutions.

Quick Fact

This programme has a strong focus towards sustainable construction practices. Graduates are ideally placed to take advantage of the growing opportunities in the construction sector nationally and internationally. Our construction graduates are highly sought after as our construction programmes have a strong reputation within industry.

Professional Accreditation

CIOB THE CHARTERED INSTITUTE OF BUILDING

What will I study?

Year 1
• Applied Construction Technology
• Principles of Construction
• Graphical Communication and CAD
• Surveying 1
• Interpersonal Transferable Skills
• Applied Construction Technology
• Domestic Construction Technology
• Graphical Communication and CAD
• Surveying 2
• Information and Communication Technology

Year 2
• Applied Construction Technology with Advanced Manufacturing
• Complex Domestic Construction Technology
• Project Design and Management
• BIM Fundamentals
• Construction Measurement and Management
• Applied Construction Technology with Advanced Manufacturing
• M&E Construction Technology
• ICT for Construction
• BIM Advanced
• Health and Safety Management 1

Year 3
• Applied Construction Management
• Industrial Buildings – Construction Technology
• Building Analysis and Adaptation
• Health and Safety Management
• BIM MEP
• Applied Construction Management
• Commercial Buildings - Construction Technology
• Construction Planning and Management
• BIM Collaboration
• Work Placement

AU717 | Level 6 | Higher Certificate in Science

Applied Construction Technology

Applied construction technology relates to the skills and technical knowledge required to enter the construction industry at technician level. This programme is based in our state-of-the-art construction workshops, delivering a unique experience to students by applying theoretical knowledge to practical projects. Students gain a thorough grounding in the key concepts and practical skills required in the construction sector as well as practical skills in carpentry and joinery.

atu.ie/AU717

🕐 2 Years

CAO POINTS 163 (Level 6 2023)

📋 Minimum Entry Requirements

👥 32 Places

✉ cao.sligo@atu.ie

Special Features

Students gain an understanding of how emerging technologies such as NZEB (Nearly Zero Energy Building standards) and BIM (Building Information Modelling) affect the design and production phases of construction projects. Students explore scientific principles and the behaviour of materials used in construction, understand current health and safety regulations, and methods of quantifying materials for the construction of domestic buildings.

Career Opportunities

This programme prepares students for a wide range of career opportunities within the construction, surveying and architectural technology disciplines. Graduates are involved in a range of construction related activities, including practical carpentry and joinery, production of drawings, surveying and setting out, organising and supervising of plant and equipment on-site, sourcing and estimating the cost of materials as well as liaising with suppliers in relation to supply and delivery. Graduates are able to supervise the work of subcontractors and craft operatives onsite.

Further Study Options

Graduates may progress to the final year of the Level 7 BSc in Advanced Wood and Sustainable Building Technology in ATU Sligo after which they may progress to the final year of the Level 8 BSc (Hons) in Construction Project Management and Applied Technology or the BSc (Hons) in Construction Project Management add-on in ATU Sligo. Graduates may also pursue studies in other higher education institutions.

What will I study?

Year 1
• Applied Construction Technology
• Principles of Construction
• Graphical Communication and CAD
• Surveying
• Interpersonal Transferable Skills
• Domestic Construction Technology
• Information and Communication Technology

Year 2
• Applied Construction Technology with Advanced Manufacturing
• Complex Domestic Construction Technology
• BIM Fundamentals
• Construction Measurement and Management
• Project Design and Management
• Construction Contracts and Procurement
• M&E Construction Technology
• ICT for Construction
• BIM Advanced
• Health and Safety Management

Did You Know?

A female student network has been established to help the growing number of female students settle into higher education. This peer group operates within the civil engineering and construction programmes in ATU Sligo.

Quick Fact

Graduates are ideally placed to take advantage of the growing opportunities in the construction sector both nationally and internationally.

AU955 | Level 8 | Bachelor of Science (Honours)
AU845 | Level 7 | Bachelor of Science
AU725 | Level 6 | Higher Certificate in Science

Computing

In Year 1, students study key computing disciplines and from Year 2 they can choose which specialised modules they study. Our computing programmes are extremely hands-on with lots of time spent in computer labs creating programs and solving problems. Other key skills such as creativity, problem solving, persistence and critical thinking are also developed.

atu.ie/AU955
atu.ie/AU845
atu.ie/AU725

2/3/4 Years

CAO POINTS
308 (Level 8 2023)
269 (Level 7 2023)
199 (Level 6 2023)

Minimum Entry Requirements

36 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

We particularly encourage critical thinking skills in students. This ensures ongoing professional career and lifelong learning development.

Our team of lecturers have students as their number one priority. Small class sizes and a hands-on approach means that help and guidance is available when needed.

A full year group project in Year 3 gives students valuable practical experience. The project allows students to work in a team to build a real-world IT infrastructure consisting of existing and emerging technologies.

Career Opportunities

A degree in computing offers countless employment opportunities both in Ireland and abroad. Recent government reports have highlighted a skills shortage in computing.

Graduates work in roles as software developers, software quality assurance, systems engineers, telecoms engineers, database developers, network and cyber security engineers and more, commanding high salaries.

Further Study Options

Level 6 graduates may progress to Year 3 of the BSc in Computing. Level 7 graduates may progress to Year 4 of the BSc (Hons) in Computing. Level 8 graduates may progress to a range of postgraduate studies in ATU or other higher education institutions.

Did You Know?

Students undertake a work placement in Year 3. Over 70% of our students gain employment directly from their work placement.

Computing student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. This allows students to network with potential employers. A link to the latest edition of the expo catalogue can be found on our Computing programme webpages.

What will I study?

Year 1

- Personal Development
- Computer Systems
- Design Thinking
- Internet of Things
- Operating Systems and Networks
- Introduction to Programming
- Mathematics
- Web Design Fundamentals

Year 2

- Client Side Scripting
- Object Oriented Programming
- Introduction to Database Technology
- Mathematics
- Object Oriented Development
- Introduction to Database Management
- Introduction to Cloud Computing

Year 3 (Level 7 and Level 8)

- Professional Development
- Work Experience
- Project 300

Year 4 (Level 8)

- Strategic Technology Management
- Startup Engineering
- Project 400

Additional elective modules are available

Common Entry

All our computing programmes have a common first year. Students study a wide range of modules to give them an understanding of all aspects of computing and have the flexibility to change direction in Year 2 if desired.

Quick Fact

New high-tech computer teaching labs opened at ATU Sligo in early 2024. These give students access to the latest advancements in technology.

Professional Accreditation

aws academy

AU957 | Level 8 | Bachelor of Science (Honours)
AU847 | Level 7 | Bachelor of Science

Software Development

This degree gives students the coding and communication skills to be integral members of the growing worldwide software technology sector. The software industry is exceptionally strong in Ireland, providing a significant number of employment opportunities in a wide variety of organisations. We constantly update degree content to keep apace of emerging platforms and industry trends, considering the specific requirements of the global software industry and what it expects from graduates.

atu.ie/AU957
atu.ie/AU847

3/4 Years

CAO POINTS
300 (Level 8 2023)
260 (Level 7 2023)

Minimum Entry Requirements

24 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

This degree was the first to teach Microsoft. NET technologies. Our lecturers are experienced programmers and designers. In many cases, they are, or have been, practitioners in the software industry.

Students undertake a work placement in Year 3. Over 70% of our students gain employment directly from their work placement.

We focus on developing soft skills such as teamwork and communication. These skills are increasingly important to employers.

Common Entry

All our computing programmes have a common first year. Students study a range of modules to give them an understanding of all aspects of computing and have the flexibility to change direction in Year 2 if desired.

Career Opportunities

Graduates typically assume the role of a software developer. They build and test high-quality code across front-end, logic and database layers. Other graduate opportunities include technology consultant, full-stack web developer, senior quality controller, research analyst, international project lead and business development manager. Software development is an internationally recognised transferrable skill.

The software development industry in Ireland is valued at €66.5bn in 2024, ranking 2nd in Europe. The industry has grown 2.8% per year on average since 2019 and employs almost 35,000 people across 3,800 businesses. The number of businesses has grown 1.6% per year on average since 2019 also.

Further Study Options

Level 7 graduates may exit after three years with an ordinary degree or progress to Year 4 of our BSc (Hons) in Software Development. Level 8 graduates may progress to ATU's MSc in Computing, MEng in Connected and Autonomous Vehicles or may continue their studies in other higher education institutions.

Did You Know?

ATU Sligo is the only higher education institute in Ireland to have won the Microsoft World Imagine Cup when we came first from over 350,000 global entrants.

Computing student projects are presented at The Sligo Engineering and Technology Expo.

What will I study?

Year 1

- Personal Development
- Computer Systems
- Design Thinking
- Internet of Things
- Operating Systems and Networks
- Introduction to Programming
- Mathematics
- Web Design Fundamentals

Year 2

- Client Side Scripting
- Object Oriented Programming
- Web Design and Development
- Requirements Engineering
- Introduction to Database Technology
- Mathematics
- Object Oriented Development
- Web Programming
- Software Quality and Testing
- Introduction to Database Management
- Introduction to Cloud Computing

Year 3

- Project 300
- Work Experience
- Rich Application Development
- Mobile Application Development
- Software Project Management
- Professional Development
- Web Programming
- Open Stack Development
- Database Programming

Year 4 (Level 8)

- Strategic Technology Management
- Artificial Intelligence
- Start-up Engineering
- Data Analytics
- Secure Software Development
- Machine Learning
- User Experience (UX)
- Advanced Programming
- Project 400
- Cloud Development

Quick Fact

New high-tech computer teaching labs opened at ATU Sligo in early 2024. These give students access to the latest advancements in technology.

AU956 | Level 8 | Bachelor of Science (Honours)
AU846 | Level 7 | Bachelor of Science

Computer Networks and Cyber Security

Students get an in-depth understanding of computer network design, implementation and optimisation through a suite of modules that focus on cutting-edge technologies. This includes software defined networks, public, private and hybrid cloud technologies and ethical hacking. The cyber security eco-system has evolved and grown at an exponential rate over the last number of years and is a critical aspect for all sectors of our economy.

atu.ie/AU956
atu.ie/AU846

⏱ 3/4 Years

CAO POINTS 300 (Level 8 2023)
223 (Level 7 2023)

📋 Minimum Entry Requirements

👥 30 Places

📇 Work Placement

🔖 Erasmus+

✉ cao.sligo@atu.ie

Special Features

Based on discussions with industry experts, we have embedded a series of key skills in to this degree. These include the ability to test and evaluate hardware or software and solve problems with technology, design enterprise networks, secure computer resources, manage digital assets, server management, voice over IP, database management and development, and computer forensics.

Dedicated labs with networking equipment allow students to build a model infrastructure solution to support high-speed communication.

Career Opportunities

Graduates have the skills to work as a network systems administrator, computer network defence administrator, wireless network engineer, computer systems administrator, cloud solutions architect, cybersecurity engineer, network and cyber security specialist, wireless and voice specialist, systems design engineer and lots more.

Further Study Options

Level 7 graduates may exit after three years with an ordinary degree or progress to Year 4 of the Level 8 BSc (Hons) in Computer Networks and Cyber Security. Level 8 graduates may progress to postgraduate studies in ATU or other higher education institutions.

Common Entry

All our computing programmes have a common first year. Students study a wide range of modules to give them an understanding of all aspects of computing and they have the flexibility to change direction in Year 2 if desired.

Did You Know?

Every sector now faces the risk of a cyber security breach, from healthcare and telecoms to retail. Internationally there is a severe shortage of cyber security professionals and Cyber Ireland estimates a global shortfall of between 1.8 and 3.5 million security professionals in the coming years. This has resulted in huge job opportunities and excellent graduate salaries.

What will I study?

Year 1

- Personal Development
- Computer Systems
- Design Thinking
- Internet of Things
- Operating Systems and Networks
- Introduction to Programming
- Mathematics
- Web Design Fundamentals

Year 2

- Linux
- Introduction to Networks
- Signals and Systems
- Maker Lab
- Introduction to Database Technology
- Routing and Switching Essentials
- Introduction to Database Management
- Mathematics
- Introduction to Cloud Computing

Year 3

- Project 300
- Work Experience
- Scaling Networks
- Network Security (CCNA Security)
- Directory Service Configuration
- Database Administration
- Professional Development
- Connecting Networks
- Secure Borderless Networks
- Directory Service Maintenance and Troubleshooting

Year 4 (Level 8)

- Project 400
- Strategic Technology Management
- Software Defined Networks
- Start-up Engineering
- Virtualisation Infrastructure Management
- Cyber Security
- Hybrid Cloud Management
- Infrastructure Security Testing
- Converged Networks
- Advanced Network Design
- AWS Academy Cloud Architecting (ACA)

Professional Accreditation

This degree is mapped to professional industry qualifications in the areas of CompTia A+, Cisco CCNA, Microsoft Server and AWS certifications.

Sophie Bayliss

BSc (Hons) in Computer Networks and Cyber Security

I enjoy working with computers and solving complex problems which makes this degree a perfect fit for my interests and skills. I love the hands-on approach to learning in the degree. It covers the latest advancements and techniques but also provides practical experience through real-world projects. This allows me to creatively apply my knowledge.

The lecturers are extremely approachable and encouraging and are always there to offer help and support. The work placement in Year 3 is an excellent opportunity to get real-world experience. I have also taken part in an 8-month mentoring programme with Dell Technologies for women in STEM. I was paired with a mentor from Dell who provided me with support and guidance.

AU848 | Level 7 | Bachelor of Science

Games Development

This degree uses a software engineering approach to games development, combining the study of the technical aspects of games programming including virtual reality, augmented reality and artificial intelligence, with the principles of project management, quality assurance and organisational management. Games development is now a massive global industry, with the overall industry worldwide worth an estimated $300billion. Xbox, PlayStation and smartphone apps are some well-known examples, with countless other businesses working on games and applications development.

atu.ie/AU848

🕐 3 Years

CAO POINTS 232 (Level 7 2023)

☑ Minimum Entry Requirements

👥+ 30 Places

▤ Work Placement

@ cao.sligo@atu.ie

Special Features

While focused on developing games software, we also provide a general grounding in software engineering to equip graduates with the skills to work in any aspect of the information technology industry. Cutting-edge games development computer labs and peripheral hardware are just some features of the degree which allow students to flex their creativity and gain first-hand experience. We also focus on developing students' soft skills such as teamwork, problem solving and communication. These skills are increasingly important to employers.

Common Entry

All our computing programmes have a common first year. Students study a wide range of modules to give them an understanding of all aspects of computing and they have the flexibility to change direction in Year 2 if desired.

Career Opportunities

Graduates are prepared for several roles within the games development landscape in Ireland and internationally. These roles include gameplay developers, level designers, game designers and tool developers. Graduates also have the software engineering skills to work in various other aspects of the information technology industry.

A report published by the Financial Times in 2023, following analysis by global consultancy firm Bain and Company, predicts that global revenue for the games development industry will grow more than 50% by 2027. The Global Games Market Report estimates that the number of people playing video games was 3.38 billion in 2023. Graduates are in high demand as the gaming sector sees a staggering surge in popularity.

Further Study Options

Graduates may progress to Year 4 of our Level 8 BSc (Hons) in Software Development. Level 8 graduates may progress to postgraduate studies in ATU such as the MSc in Computing or to postgraduate studies in other higher education institutions.

Did You Know?

Students undertake a work placement in Year 3. Over 70% of our students gain employment directly from their work placement.

A new €1.9m innovative gaming hub in Sligo will provide a flexible workspace for companies to start and scale innovative gaming businesses. The hub will have the capacity for 20 different companies and will support a further 40 companies through the establishment of a digital games cluster in the northwest.

What will I study?

Year 1

• Personal Development
• Computer Systems
• Introduction to Games Programming
• Design Thinking
• Internet of Things
• Operating Systems & Networks
• Introduction to Programming
• Mathematics
• Web Design Fundamentals

Year 2

• 2D and 3D Games Programming
• Object Oriented Programming
• Game Content Design
• Requirements Engineering
• Introduction to Database Technology
• Object Oriented Development
• Software Quality and Testing
• Data Structures and Algorithms
• Mathematics

Year 3

• Work Experience
• Project 300
• Casual Gaming
• Advanced Games Programming
• Rich Application Development
• Mobile Application Development
• Software Project Management
• Professional Development
• Computer Mediated Reality Applications

Quick Fact

Digital gaming is a priority sector for IDA Ireland, with a Digital Games Tax Credit in place to further accelerate this industry. Black Shamrock, the company behind some of the world's most popular action-adventure games for PCs and consoles announced it would grow its Dublin studio into a 200-strong team by the end of 2024.

John Romero chose Ireland as the base for his company Romero Games. Romero is games industry royalty having originally developed the game series Doom, one of the most successful video games of all time.

AU928 | Level 8 | Bachelor of Arts (Honours)
AU822 | Level 7 | Bachelor of Arts

Fine Art

Studying fine art encourages students to develop individual ways of thinking and expressing themselves in visual and theoretical terms. This degree is designed to offer students a wide experience of materials, media, processes and ideas within a supportive and stimulating environment. The degree fosters an awareness of, and responsiveness to, the world around and within students. Each student has individual workspace and access to specialised printmaking, ceramics, photography and digital media workshops.

atu.ie/AU928
atu.ie/AU822

🕐 3/4 Years

CAO POINTS 362* (Level 8 2023)
340* (Level 7 2023)
* Includes Portfolio

☑ Minimum Entry Requirements PLUS
▪ Portfolio
▪ Maths not required

👥+ 32 Places

▤ Work Placement

🔵 Erasmus+

@ cao.sligo@atu.ie

Special Features

Contemporary and historical art practices are examined through a series of lectures, seminars and written assignments. External engagements include a regular visiting artist lecture series and national and international study trips. Students can also create collaborative projects with local and national art institutions.

We offer a broad range of modules in the first two years, with students specialising in the latter part of the degree. Students may focus on one discipline if they wish or can choose to mix disciplines.

Career Opportunities

Graduates work as painters, printmakers, ceramicists, filmmakers, photographers and gallery owners. They also pursue careers in secondary school teaching, arts administration, arts management, art therapy and exhibition curation.

Further Study Options

Level 7 graduates may exit after Year 3 with a BA in Fine Art or progress to Year 4 of our BA (Hons) in Fine Art. Level 8 graduates may progress to an MA in Fine Art or a cognate discipline. Graduates may also progress to a Professional Master of Education (PME) to become a secondary school teacher of art.

Did You Know?

A new €17million creative teaching hub means our Fine Art students have access to some of the best facilities in Ireland.

Final year students take part in the Yeats Academy of Arts, Design and Architecture (YAADA) Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on our Fine Art programme webpages.

Quick Fact

Our Fine Art students are multi award-winning and are regularly successful in national and international competitions.

What will I study?

Year 1

• Ceramics - Introduction
• Digital Lens Based Media
• Painting - Colour, Light and Composition
• Printmaking
• Visual Literacy
• Ceramics - Extruded Form and Raku Glazing
• Drawing - Foundation in Drawing Mediums
• Visual and Material Culture

Year 2

• Ceramics
• Digital Lens Based Media - Photography
• Drawing - Expanding Applications
• Painting - Process and Concepts
• Visual and Material Culture
• Printmaking - Project Based Printmaking
• Intro to Video Production
• Drawing - Sustaining Practices
• Painting - Extending the Medium

Year 3

• History / Theory of Art
• Practice - Establishing Direction
• Sculpture Studies
• Interdisciplinary Practice
• Drawing - Refining a Practice
• Practice - Developing an Exhibition
• Work in Context

Year 4 (Level 8)

• Undergraduate Thesis
• Studio Practice - Preparing the groundwork
• Professional Practice
• Critical Writing - Practice based
• Studio Practice - Practice, Context and Display

Portfolio

All applicants must submit a digital portfolio. The portfolio carries a weighting of a maximum of 100 additional points to academic results. Applicants are expected to have ten pieces of finished work, along with studies and notebooks that demonstrate the development of their ideas. Our Fine Art team run several portfolio information sessions throughout the year. For more information, please visit the Fine Art programme webpages.

AU927 | Level 8 | Bachelor of Arts (Honours)
AU821 | Level 7 | Bachelor of Arts

Creative Design

Throughout their studies, students acquire the skills and experience needed to become an industry ready designer. During this exciting and challenging degree, students are given an in-depth education in creative design and become proficient in a range of analytical, technical, research and development, social and applied design skills. Working on real-world design projects for real-world clients is a central element of this degree.

atu.ie/AU927
atu.ie/AU821

🕐 3/4 Years

CAO POINTS 323 (Level 8 2023)
264 (Level 7 2023)

✅ Minimum Entry Requirements PLUS
▪ Maths not required

👥 32 Places

📇 Work Placement

Erasmus+

@ cao.sligo@atu.ie

Special Features

Students have the option of work placement in Year 3, which includes the opportunity to take part in an international student exchange programme. In Year 4, students produce their final year project. This is exhibited to the public at ATU Sligo's annual Yeats Academy of Arts, Design and Architecture Showcase. Students also enter national and international design competitions, with students regularly winning awards for their innovative designs.

Students are given real opportunities to work with companies and other outside bodies to develop essential innovative and technical skills. Graduates are designing cars, medical devices and apps, and are working in design areas such as graphics, electronic products, start-ups and more.

Career Opportunities

Graduates work in design consultancy, industrial design, exhibition design, retail design, furniture design, the multimedia sector, services design, design education and design management. A report by The Expert Group on Future Skills Needs, found that by 2025 occupations in digital, product and strategic design could see a growth of between 21,000 and 33,000. However, only 1,300 students graduate annually with the required skills.

Further Study Options

Students may exit after Year 3 with a BA in Creative Design or they may progress to Year 4 of the Level 8 BA (Hons) in Creative Design. Level 8 graduates may progress to further studies at masters and PhD level in ATU or in other higher education institutions.

Did You Know?

This programme includes a high percentage of studio time. This allows students to grow in confidence and to listen to, and trust, their creative intuition. Students learn to use all their design skills to transform their unique ideas into product solutions for the benefit of society and help to promote sustainable economic growth.

Quick Fact

The world we live in needs good designers. Everything we use in everyday life has been creatively designed by someone. Innovative design solutions are fundamental to economic growth, social development and prosperity across all sectors. Our students graduate as experienced and professional designers, ready and confident to take on the challenges of the design world.

What will I study?

Year 1

- Product Design Core Skills
- Professional Practice
- CAD for Design - Introduction
- Digital Media for Design
- Visual and Material Culture
- Visual Literacy
- Design Applied - Material and Processes
- Visual and Material Culture - Frameworks of Modernity

Year 2

- Product Design - User Centred Design
- CAD for Design – Assembly and Advanced 3D Part
- Digital Media - Digital Rendering
- Marketing for Designers
- Visual and Material Culture
- Product Design - Designer and Client
- Design for Social Impact
- Digital Lens Based Media – Video Production

Year 3

- Product Design – Competition Project
- Creative Interdisciplinary Practice
- CAD for Design - Product
- Digital Media for Design - 3D Modelling
- Professional Practice Business Planning

Additional elective modules available include: Work Placement, Erasmus+, Experience Product Design - Portfolio of Experience

Year 4 (Level 8)

- Product Design - Design Thinking
- Visual Identity and Branding
- Digital Practice
- Product Design – Design Professionalism
- Portfolio - Professional Designer
- Design in Context - Research and Engagement
- Professional Communications - Designer Profile

Professional Accreditation

INSTITUTE DESIGNERS IRELAND
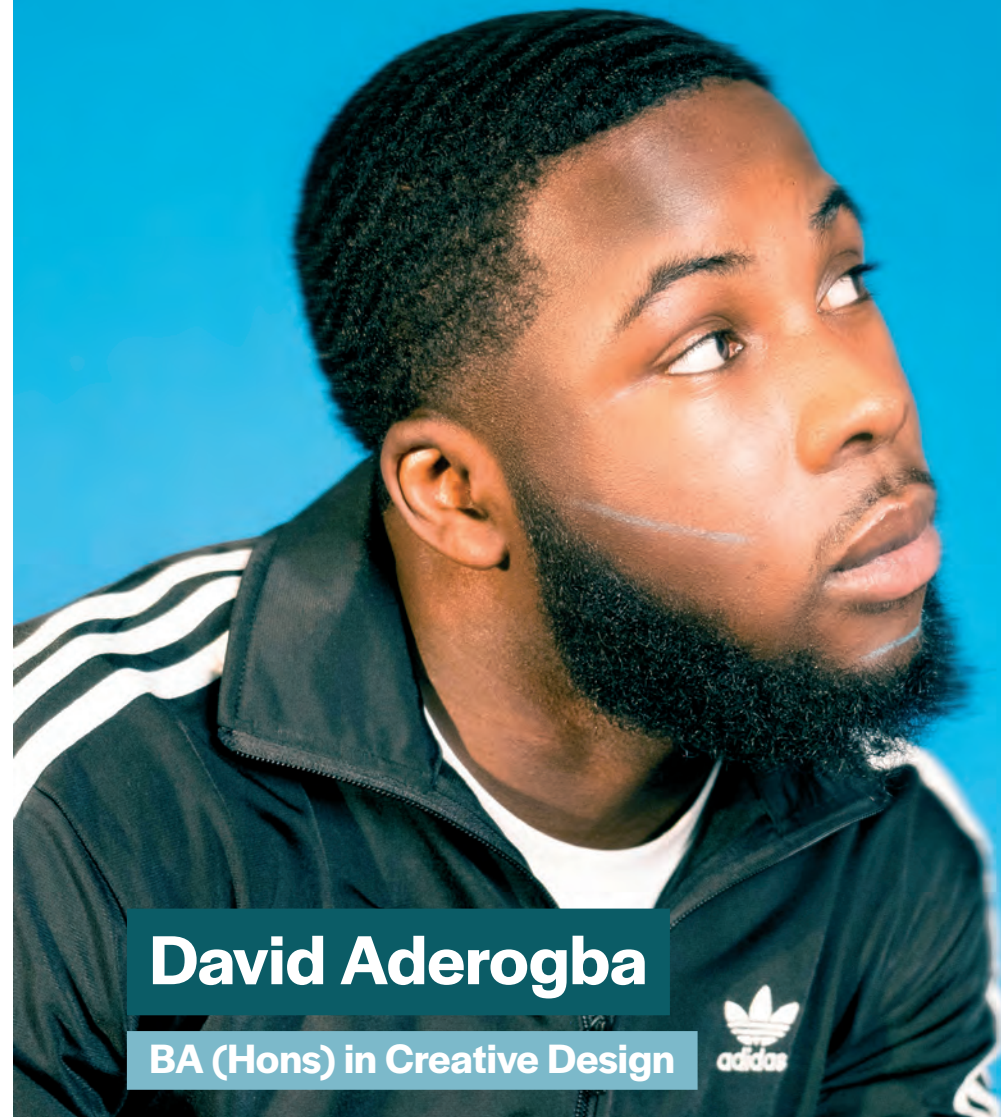
David Aderogba

BA (Hons) in Creative Design

The projects on this degree were always testing our ability as creatives to create and innovate. We worked on projects individually and collaboratively. I love how we also touched on different areas in the creative industry including graphic design, product design, video editing, 3D design and more. I particularly enjoyed modules which involved marketing and branding.

Throughout my studies, I gained lots of additional skills such as communication and collaboration which have been vital in my career to date. Since graduating I have worked as a designer for major clothing brands, music labels, artists and more. I am currently embarking on a journey of being a creative director with my own personal brand.

AU926 | Level 8 | Bachelor of Arts (Honours)

Interior Architecture and Design

Interior architecture and design explores the interaction between people and the spaces they inhabit. Through re-imagination and creative re-use of our built heritage as well as the creation of new spaces, interior architects design comfortable homes, functional workspaces and inspirational public spaces that consider architectural forms, environmental impacts, and psychological and cognitive components of the space. Students develop designs and hone their skills under the guidance of experienced architects and interior designers, working closely with their tutors in dedicated studio spaces.

atu.ie/AU926

4 Years

416 (Level 8 2023)

Minimum Entry Requirements

20 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

There are no tests or exams as part of this degree. Students are assessed through design projects and assignments. Students learn how to think creatively, and develop specialist skills: from sketching, drawing and model making to observational and critical thinking skills; students study materials and develop digital skills through use of industry specific software.

An annual field trip to a European design capital forms part of the curriculum and is, where possible, linked to a visit to an international design week event or design industry fair. Students work on a wide variety of projects including collaborations and community projects, and take part in international design competitions and exhibitions.

Career Opportunities

Graduates are equipped with the skills to work as interior architects, interior designers, retail or exhibition designers or to progress to specialist roles such as lighting designers, set designers or work in associated fields. In addition to working in a commercial practice environment, there are opportunities for graduates in the design sectors of public bodies as well as in education.

Further Study Options

Level 8 graduates may progress to a Level 9 Masters in Interior Architecture through Creative Practice in ATU or may pursue a wide variety of national and international postgraduate studies.

Did You Know?

Year 3 of this degree offers students opportunities for work placements, study abroad, training for enterprise or studies in another creative discipline.

Quick Fact

In 2023, ATU Sligo's Interior Architecture and Design programme had ten student projects published in the Dezeen Schools Show. Dezeen, regarded as the world's most influential architecture, interiors and design magazine, has three million readers and over seven million online followers.

Professional Accreditation

ECIA European Council of Interior Architects | INSTITUTE DESIGNERS IRELAND

What will I study?

Year 1
- Interior Architecture Studio
- Cultural Context: Interior and Furniture
- Interior Materials and Detailing
- Design Fundamentals
- Digital Media for Design: Auto CAD, SketchUp and Photoshop
- Architectural Context and Theory
- Refurbishment and Detailing
- Professionalism and Communication

Year 2
- Interior Architecture Studio
- Advanced Design Representation
- Architecture Technologies and Environment
- Design Research – Reading and Framing Place
- Yeats Academy Creative Interdisciplinary Practice
- Digital Media: SketchUp and Revit
- Environmental Psychology for Design
- Energy and Interior Environment
- Professionalism and Communication for Design

Year 3
- Interior Architecture (semester or year-long) Work Placement
  or
- Interior Architecture and Design (semester or year-long) Erasmus+
  or
- Interior Architecture and Design Studio+

Year 4
- Interior Architecture Studio: Thesis
- Research for Design and the Arts
- Reflective Portfolio
- Professional Studies for Interior Architects

AU820 | Level 7 | Bachelor of Arts

Interior Architecture and Design

Interior architecture and design explores new ways to create inspiring interiors within our built environment. This degree places an environmentally conscious, creative, response to culture, community and location at the heart of every project. Design studio is the core module in each year, with other modules supporting and informing the design process. Students engage in practical work and are continuously assessed through design projects and assignments, with feedback given throughout the process. There are no tests or exams as part of this programme.

atu.ie/AU820

3 Years

273 (Level 7 2023)

Minimum Entry Requirements

20 Places

Work Placement

cao.sligo@atu.ie

Special Features

Students enjoy one-to-one contact time with tutors in dedicated studio spaces. Our dynamic studio explores diverse design projects including residential, hospitality, cultural and community typologies, through conservation, restoration, furniture, lighting design and much more. Collaborative projects and working with real-life clients are also part of our programme.

Career Opportunities

Graduates work as interior architects, interior designers in interior and architectural practices or as specialist designers in retail, branding, hospitality design, contract interiors and point of purchase design. There are also opportunities in exhibition design, TV and film, lighting, visualisation and 3D modelling.

Further Study Options

Graduates may progress to the final year of our BA (Hons) in Interior Architecture and Design degree. This can be studied full-time for one year or part-time over two years. Graduates can also apply for advanced progression into national and international Level 8 programmes in interior architecture, interior design and spatial design.

Did You Know?

Annual field trips to design cities including Amsterdam, Barcelona, Berlin, London, Milan, Rome, Stockholm and Venice provide first-hand experience of cutting-edge contemporary design.

Quick Fact

Each year our students take part in national and international exhibitions and design competitions. Students also take part in the Yeats Academy of Arts, Design and Architecture Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on our Interior Architecture and Design programme webpages.

Professional Accreditation

Our Interior Architecture programmes were the first in Ireland to be recognised by, and maintain links to, the ECIA (European Council of Interior Architects) and are also a member of the IDI (Institute of Designers in Ireland).

ECIA European Council of Interior Architects | INSTITUTE DESIGNERS IRELAND

What will I study?

Year 1
- Interior Design Studio
- Design Fundamentals and Representation Skills
- Visual and Material Culture
- Visual Literacy
- Interior Context and Theory
- Architectural Technologies and Environment
- Interior Environment, Materials and Construction
- Digital Media for Design

Year 2
- Interior Architecture Studio
- Cultural Context: Interior and Furniture
- Interior Materials and Detailing
- Design Fundamentals
- Digital Media for Design: Auto CAD, SketchUp and Photoshop
- Architectural Context and Theory
- Refurbishment and Detailing
- Professionalism and Communication

Year 3
- Design Research – Reading and Framing Place
- Interior Architecture Studio
- Visual and Material Culture
- Architecture Technologies and Environment
- Digital Media: SketchUp and Revit
- Environmental Psychology for Design
- Energy and Interior Environment
- Professionalism and Communication for Design
- Advanced Design Presentation

AU925 | Level 8 | Bachelor of Architecture (Honours)

Architecture

Architecture is the art of planning and designing the built environment based on an understanding of humankind and our connection to the earth. It is a collaborative practice. The ethos of architecture at ATU Sligo is the belief in the potential of architecture to transform places. We aim for a strong student-centred culture with dialogues between students and lecturers at its core. Our ambition is to impress upon our students their role in contributing to society as a new generation of architects.

atu.ie/AU925

🕐 5 Years

CAO POINTS 430 (Level 8 2023)

📋 Minimum Entry Requirements

👥 45 Places

✉ cao.sligo@atu.ie

Special Features

Students develop their own creative ideas and discover the multi-faceted processes of architecture in a stimulating and dynamic community alongside passionate academics, practicing architects and design professionals.

Architecture design studio is a core element and makes up over 50% of the programme for each of the five years, with students working in dedicated design studio spaces.

Design projects explore the programmes vision points: interpretation of place, regionally transformative architecture, architectural regeneration of built heritage, human experience and perception of space and aim to strengthen the interaction of the natural and built environment.

There are multi-disciplinary projects with students from other ATU Sligo degrees, and students create a portfolio of design work by the end of the programme.

Did You Know?

This programme is the first programme of architecture in the 'Creative West' of Ireland and one of only six Schools of Architecture in the country. Situated on the Atlantic edge of Europe, architecture at ATU Sligo aims to make a significant contribution to the region and beyond.

Students regularly participate in national exhibitions and design competitions. Also, annual field trips to European cities expose students to a variety of forms of architecture and design.

Students take part in the Yeats Academy of Arts, Design and Architecture (YAADA) Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on the programme webpage.

Quick Fact

The programme provides education and training for the practice of architecture, taught in a way that makes explicit an understanding of and sensitivity to historical, contextual and cultural influences on the practice of design in a global, national and local context.

The challenges of the present demand a deep understanding of the duty to innovatively respond to current and future issues, relating to daily living needs while protecting our climate.

Professional Accreditation

This programme was awarded provisional approval by the Royal Institute of the Architects of Ireland (RIAI) in line with the RIAI Qualifications in Architecture: Procedures for Prescription under the Building Control Act 2007.

What will I study?

Year 1
- Architectural Design Studio 1
- Visual Literacy
- Architecture Technologies and Environment 1
- Theory and Design of Structures 1
- Visual Material Culture 1
- Architectural Drawing and Communication 1
- Technology Studio 1
- Architectural Context and Theory 1

Year 2
- Architectural Design Studio 2
- YAADA Creative Interdisciplinary Practice 1
- Architecture Technologies and Environment 2
- Architecture Context and Theory 2
- Architectural Drawing and Communication 2
- Technology Studio 2
- Theory and Design of Structures 2
- Archaeology of Building Theory

Year 3
- Architectural Design Studio 3
- Architectural Drawing and Communication 3
- Architecture Technologies and Environment 3
- Architecture Context and Theory 3
- Technology Studio 3
- Theory and Design of Structures 3
- Professional Studies 1 and BIM

Year 4
- Advanced Representation 4
- Architecture Design Studio 4
- Advanced Architecture Technology 1 and 2
- Research and Engagement 1 and 2
- Research and Engagement: Dissertation

Year 5
- Architectural Design Studio 5: Proposition and Thesis
- Research and Engagement: Documentation of Design and Portfolio
- Advanced Architectural Technology 3
- Professional Studies 3: Preparing for Practice

Ciara MacFarlane

BArch (Hons) in Architecture

I have always appreciated the studio environment in this degree. You are immersed in a creative space and can be as free as you want with your designs. You can express yourself through a variety of mediums such as photography, painting, sketching, technical drawing and more. There is also access to help from amazing lecturers whenever you need it.

I love how my skills have developed so much throughout the years to help me understand materials and how buildings are formed, along with gaining a new way to communicate design thinking. If your interests are in the built environment, making a positive difference to peoples everyday lives or just in the artistic nature of it, architecture is a brilliant degree to study.

Performing Arts

AU931 | Level 8 | Bachelor of Arts (Honours)
AU823 | Level 7 | Bachelor of Arts

We have developed this programme in consultation with arts practitioners in Ireland and abroad. Our programme is unique in Ireland, offering tuition in the linked fields of acting and theatre, film and television design. A common first year gives students an overview of all areas of the performing arts. In Year 2, students choose to specialise in either acting or design. This flexibility to change direction allows students to figure out where their passion lies.

atu.ie/AU931
atu.ie/AU823

🕐 3/4 Years

CAO POINTS 321 (Level 8 2023)
253 (Level 7 2023)

Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ Maths not required

👥 48 Places

Work Placement

Erasmus+

✉ cao.sligo@atu.ie

Special Features

A Year 3 work placement allows students to create industry contacts and gain first-hand professional experience. Work placements take place in a variety of settings including schools, radio stations, arts centres and theatre companies. Work placements have taken place across Europe and the United States, with companies such as CBC Television.

Our close relationships with The Abbey Theatre (Dublin), the Blue Raincoat Theatre Company, The Model Arts Centre and the Hawk's Well Theatre allows our students access to rehearsals, technical departments, work placements, backstage and more.

Career Opportunities

Graduates work as actors, designers, teachers and facilitators in the performing arts and creative industries. Our graduates work for some major production companies across the film, television and theatre industries. They have worked as actors and designers on major productions including The Hunger Games, Normal People, Orange is the New Black, Game of Thrones, The Queens Gambit, The Young Offenders and on Broadway and West End productions. Graduates are ideally placed to pursue further study to teach the new Leaving Certificate subject in drama, film and theatre.

Further Study Options

Graduates may progress to the Level 9 Master of Arts in Creative Practice in ATU. Alternatively, graduates may pursue further studies in areas such as education, an MPhil in Theatre and Performance or embark on a PhD.

Did You Know?

Ireland's screen production sector has more than doubled in the last decade, with major streaming giants using Ireland for productions. Globally, the screen industry is transforming at an unprecedented rate as on-demand streaming has increased significantly. Companies such as Netflix, Amazon and Apple TV continue to escalate production schedules to respond to the public appetite for home entertainment.

Final year students take part in the Yeats Academy of Arts, Design and Architecture Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on our Performing Arts programme webpages.

What will I study?

Year 1
- Introduction to Drama and Literature
- Literature: The Critical Voice
- Introduction to Acting
- Studio Skills for Performing Arts
- Introduction to Set Design
- Introduction to Voice and Movement
- Introduction to Technical Theatre
- Digital Media
- Introduction to Costume Design
- Greek Theatre
- Introduction to Directing
- Actors Work on Text

From Year 2, additional elective modules are available for specialism in design for theatre, film and televsion or acting.

Year 2
- Film Studies
- Experimental Literature, Drama and Writing
- Modernism in Drama and Literature
- Facilitation and Drama
- Directing

Year 3
- Live Art and Performance
- Directing
- Postmodernism in Drama and Literature
- Lighting Design and Digital Theatre
- Creative Writing Practice

Year 4 (Level 8)
- Dissertation
- Global Shakespeare
- Irish Theatre 'Then and Now'
- Professional Practice in Performing Arts
- Graduation Show

Quick Fact

A new € 17 million creative teaching hub in ATU Sligo has state-of-the-art performance facilities which include two large black box theatres, production design studios, costume design studios, computer-aided design and fabrication studios, and rehearsal spaces.

Writing and Literature (On Campus or Online)

AU929 (On Campus) | Level 8 | Bachelor of Arts (Honours)
AU930 (Online) | Level 8 | Bachelor of Arts (Honours)

This degree focuses on developing skills in fiction, non-fiction, poetry, screenwriting, playwriting, cultural journalism and other forms. Coursework is anchored by a focus on the processes of creative and critical writing along with a detailed study of literature, drama and film. The programme is taught by bestselling novelists, award-winning poets, acclaimed filmmakers, non-fiction writers and literature scholars.

atu.ie/AU929
atu.ie/AU930

🕐 3 Years

CAO POINTS 327 (On Campus Level 8 2023)
336 (Online Level 8 2023)

Minimum Entry Requirements **PLUS**
▪ Garda Vetting
▪ Maths not required

👥 32 Places

✉ cao.sligo@atu.ie

Special Features

Students work across different genres and media over their three years of study. In the final year, their learning culminates in a sustained focus in two or three genres, working closely with a mentor. The completed project is a final-year writing portfolio.

Students work on a diverse range of creative projects including short films, podcasts and documentaries. Writing practice is bolstered by the study of literature. We aim to expose students to different genres and forms, offering the space for them to explore and discover their own creative voice. Throughout the degree students are encouraged to attend writing festivals, readings (both online and live), workshops and interactive sessions with guest writers.

Career Opportunities

Graduates work as writers and may pursue careers in publishing, public relations, education, journalism, arts management, communication, film, television and new media, the theatre, marketing, cultural tourism and event promotion. Our graduates to date include practicing screen writers, published fiction writers, journalists and English teachers.

Further Study Options

Graduates may progress to several postgraduate programmes including creative writing, journalism, English literature, drama and theatre studies or publishing. Other progression routes include postgraduate work in community arts and literary tourism. Graduates may also undertake a Professional Master of Education (PME) to become a secondary school teacher of English.

Did You Know?

This programme is offered with on campus delivery (AU929) and it is also offered fully online (AU930), facilitating wider access to this creative degree. The remote programme allows students to fully participate in group work and project work by means of innovative online supports.

What will I study?

Year 1
- Introduction to Drama and Literature
- Literature: The Critical Voice
- Greek Theatre
- Literature: The Short Story
- Digital Storytelling
- Writing and Practice
- Introduction to Writing

Year 2
- Film Studies
- Writing and Practice - Screenwriting
- Writing and Practice -Playwriting
- Experimental Literature, Drama and Writing
- Yeats and Contemporary Irish Poetry
- Modernism in Drama and Literature
- Facilitation and Drama
- Intro to Video Production

Year 3
- Contemporary Irish Writing
- Postmodern Performance
- Introduction to Portfolio
- Literature: The Novel
- Publishing and Professional Practice
- Writing and Practice: Portfolio

Quick Fact

This programme is taught by practitioners in the fields of literature and film. Final year students take part in the Yeats Academy of Arts, Design and Architecture Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on our Writing and Literature programme webpages.

AU965 | Level 8 | Bachelor of Science (Honours)
AU730 | Level 6 | Higher Certificate in Science

Science (Common Entry)

Degree Award Options:

- Occupational Safety and Health
- Environmental Science with Ecology
- Biomedical Science
- Pharmaceutical Science with Drug Development

The Science (Common Entry) programmes give students an exceptional level of flexibility. The programme builds a core foundation in key science disciplines in Year 1 and is an excellent choice for those who know they want to study science but are unsure about the exact area at the time of application. Students are given advice during the year to help guide their decisions. Students also get to choose from elective science subjects in Year 1 before selecting their speciality at the end of that year.

atu.ie/AU965
atu.ie/AU730

- 2/4 Years
- **CAO POINTS** 346 (Level 8 2023)
  206 (Level 6 2023)
- Minimum Entry Requirements
- 24 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Common Entry

This programme allows students the opportunity to discover the many aspects of science and the flexibility to choose their specialism at the end of Year 1. This enables students to make a much more informed decision on which field of science is where their true passion lies.

Professional Accreditation

Professional accreditations are available in many of the specialist fields of study from Year 2.

Special Features

Our science programmes are hands-on, with a big emphasis on developing practical skills. This means our students graduate with the skills employers want. Students spend 50% of their time in labs and have access to state-of-the-art, industry-spec equipment throughout their studies. Small class sizes ensure students always have their own lab space and are fully supported by our expert academic staff throughout their learning. We also focus on soft skills such as teamwork and communication. These skills are highly valued by potential employers.

Did You Know?

Leaving Certificate science subjects are not an entry requirement for this programme. The first year of study will cover all key science disciplines from the start.

Further Study Options

Students may leave after two years with a Higher Certificate in Science in their chosen discipline. Level 6 graduates may progress to the Level 7 and then the Level 8 of their chosen discipline.

Level 8 graduates may apply for postgraduate study in taught masters programmes as well as Doctoral PhD research programmes. There is also a wide range of online programmes at masters level in ATU to suit graduates in the workplace.

What will I study?

Year 1

- Chemistry
- Physics
- Biology
- Mathematics for Science
- Information Technology
- Introduction to Environmental Science [E]
- Introduction to Drug Discovery and Development [E]
- Introduction to Biomedical Science [E]

Occupational Safety and Health
Year 2

- Hazard and Risk Control
- Electricity, Machinery and Fire Safety
- Occupational Safety and Health Enquiry Based Learning
- Environmental Water Quality
- Occupational Hygiene Physical Agents
- Safety Legislation
- Construction Technology
- Manual Handling Instructor
- Workstation Assessor Training
- Data and Statistics in Health

Year 3 (Level 7)

- Safety and Health Legislation
- Occupational Health and Health Promotion
- Occupational Hygiene
- Environmental Topics in the Workplace
- Enquiry Based Learning
- Management of Hazardous Materials and Processes
- Construction Safety and Contractor Management
- Safety Statement and Risk Assessment
- Applied Statistics and Data
- Environmental Management for the Safety Practitioner

Year 4 (Level 8)

- EHS Management Systems and Auditing
- Behavioural Based Safety Programs
- Ergonomics
- Project Management for OSH Professionals
- Regulatory Affairs
- Training and Development
- EHS Management Systems Project

What will I study?

Environmental Science with Ecology
Year 2

- Aquatic Ecology
- Water Quality
- Environmental Regulation
- Environmental Enquiry Based Learning
- Climate Science
- Terrestrial Ecology
- Introduction to Geographic Information Systems
- Environmental Microbiological Monitoring
- Soils and Environment
- Wastewater Enquiry Based Learning

Year 3 (Level 7)

- Occupational Safety and Health
- Ecological Monitoring
- Environmental Toxicology
- Water and Wastewater Treatment Theory
- Environmental Ethics
- Data Management
- Work Placement
- Environmental Instrumental Analysis

Year 4 (Level 8)

- Advanced Geographic Information Systems
- Environmental Legislation and Policy
- Project
- Biomolecular Technologies
- Environmental Management Systems and Auditing

Additional elective options are available

Biomedical Science
Year 2

- Biochemistry
- Microbiology
- Bioethics
- Analytical Techniques
- Biomaterials and Medical Devices
- Mathematics for Science
- Molecular Biology
- Medical Pharmacology
- Medical Immunology
- Process Microbiology

Year 3 (Level 7)

- Medical Device Technologies
- Animal Cell Culture
- Statistics for Scientists
- Protein Biotechnology
- Biopharmaceutical facilities and Utilities
- Legislation, Quality and Auditing Systems
- Implant Biocompatibility
- Immunodiagnostics
- Microbial Biotechnology
- Advanced Therapy Medicinal Products

Year 4 (Level 8)

- Recombinant Cell Engineering
- Cell Culture Processing
- Medical Diagnostics
- Research Project
- Industry Placement and Case Studies
- Recombinant Cell Engineering
- Formulation and Delivery Systems of Biopharmaceuticals
- Biopharmaceutical Validation
- Protein Purification
- Analytical Testing of Biopharmaceuticals

Pharmaceutical Science with Drug Development
Year 2

- Microbiology
- Organic Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Biochemistry
- Introduction to Biopharmaceuticals
- Organic Chemical Synthesis
- Pharmaceutical Analytical Methods
- Pharmaceutical Microbiology
- Environmental Health and Safety

Year 3 (Level 7)

- Pharmaceutical Processing and Medical Device Manufacture
- Biopharmaceuticals
- Pharmaceutical Chemistry
- Scientific Communications
- Statistics for Scientists
- Pharmaceutical Pre-Formulation Studies
- Pharmaceutical Formulation
- Pharmaceutical Quality Systems
- Pharmaceutical Analysis
- Active Ingredient Synthesis

Year 4 (Level 8)

- Industry Placement
- Biopharmaceutical Analysis
- Advanced Organic Chemistry
- Pharmaceutical Project
- Pharmaceutical Research Methods
- Pharmaceutical Legislation
- Pharmaceutical Operating Excellence
- Pharmaceutical Pharmacology
- Drug Structure
- Compliance Auditing & Validation

Seren Ward

BSc (Hons) in Science (Common Entry)

I chose to study the common entry science degree because of the choice it gave me at the end of Year 1. I knew I wanted to study something in the science field but I wasn't quite sure of what that was exactly. This degree is perfect as it allowed me to study different aspects of science before choosing one of the four specialism options on offer.

The balance of theory and lab-based learning is something I love about studying science in ATU Sligo. What we learn in class is constantly reinforced through practicals in the state-of-the-art labs. This really helps understanding different topics. I continued my studies in the BSc (Hons) in Biomedical Science after Year 1.

AU966 | Level 8 | Bachelor of Science (Honours)
AU855 | Level 7 | Bachelor of Science

Environmental Science with Ecology

This programme equips students with the skills to manage our manmade and natural resources. Through a mix of outdoor fieldwork, high-tech laboratory experiments, computer mapping, site visits and classroom activities, students learn about the environment and the natural world around us in an applied way. The environment, climate change and the drive towards sustainability has never been more important. Our graduates help drive that change.

atu.ie/AU966
atu.ie/AU855

- 3/4 Years
- **CAO POINTS** 340 (Level 8 2023) 288 (Level 7 2023)
- Minimum Entry Requirements
- 32 Places
- Work Placement
- Erasmus+
- cao.sligo@atu.ie

Special Features

Students have the option to study abroad with our partner university in Sweden as part of the Erasmus+ programme. There is also an option to take part in a two-week international summer school in the Netherlands or Sweden.

This is a hands-on programme where 50% of coursework includes fieldwork and labs. Assessments are designed to develop skills that employers value highly, including scientific report writing, presentations, group work and practical skills.

In Year 3, students undertake a 12-15 week work-placement. This can take place in a variety of settings including environmental protection authorities, environmental consultancy firms, the energy sector, state agencies and lots more.

Career Opportunities

Graduates have many career opportunities. They are needed in industry, environmental and ecological consultancies, local authorities and in state agencies such as Uisce Éireann (Irish Water), the Environmental Protection Agency, Inland Fisheries Ireland and the National Parks & Wildlife Service. Graduates can apply for graduate programmes and pursue a range of careers across Ireland and the world, from field-based, lab-based and office-based roles such as environmental scientists, ecologists and environmental protection officers.

Further Study Options

Level 7 graduates may progress to Year 4 of the BSc (Hons) in Environmental Science with Ecology. Level 8 graduates may progress to Level 9 and Level 10 postgraduates studies in environmental health and safety, water services management or an applied research masters or PhD in the Centre for Environmental Research Innovation and Sustainability (CERIS) in ATU.

Did You Know?

A 2023 report from Columbia University, citing LinkedIn data, highlighted that the number of green job openings worldwide over the past five years has outpaced the number of people who have an environmental degree qualification.

Professional Accreditation

CIWEM Chartered Institution of Water and Environmental Management

esai Environmental Sciences Association of Ireland

What will I study?

Year 1

- Introduction to Environmental Science
- Cell Biology
- Introductory Chemistry
- Mathematics
- Communications in Science
- Information Technology Computer Apps for Ecology and Environment
- Environmental Physical Science
- Earth Sciences
- Diversity of Life

Year 2

- Aquatic Ecology
- Water Quality
- Environmental Regulation
- Environmental Enquiry Based Learning
- Climate Science
- Terrestrial Ecology
- Introduction to Geographic Information Systems
- Environmental Microbiological Monitoring
- Soils and Environment
- Wastewater Enquiry Based Learning

Year 3

- Occupational Safety and Health
- Ecological Monitoring
- Environmental Toxicology
- Water and Wastewater Treatment Theory
- Environmental Ethics
- Data Management
- Work Placement
- Environmental Instrumental Analysis

Year 4 (Level 8)

- Advanced Geographic Information Systems
- Environmental Legislation and Policy
- Project
- Biomolecular Technologies
- Environmental Management Systems and Auditing

Additional elective options are available

AU967 | Level 8 | Bachelor of Science (Honours)
AU856 | Level 7 | Bachelor of Science

Occupational Safety and Health

This programme equips students with the knowledge to protect workers from injuries and fatalities, prevent illness caused by work, promote health and wellbeing, advise employers on health and safety laws, and work in groups to solve workplace safety issues. Graduates have the skills to prepare, implement and monitor safety management systems in a wide range of sectors.

atu.ie/AU967
atu.ie/AU856

🕐 3/4 Years

CAO POINTS 351 (Level 8 2023)
281 (Level 7 2023)

Minimum Entry Requirements

32 Places

Work Placement

cao.sligo@atu.ie

Special Features

Our degree blend theoretical and practical learning which includes lectures, lab-based monitoring, site visits, case studies and enquiry-based learning. Final year honours degree students also complete a five-month paid work placement.

In Year 2, students qualify as manual handling trainers and workstation assessors. Students can confidently offer manual handling training and carry out workstation assessments for employers while on work placement and after graduation.

Our programme incorporates enquiry-based learning (EBL) which is a teaching method that allows students to work in teams to collaboratively solve work-based problems. Lecturers design assessments to mirror what graduates will encounter in the workplace.

Career Opportunities

There are excellent employment opportunities and salaries, both nationally and internationally. Graduates work in both the private and public sector as safety advisors, health and safety officers, safety training consultants, site safety officers and safety coordinators in a wide range of industries including pharmaceuticals, chemicals, electronics, the food and beverage sector, mining, construction, commercial, wholesale, transport, retail and in the health sector.

Further Study Options

Level 7 graduates may progress to Year 4 of our BSc (Hons) in Occupational Safety and Health. Level 8 graduates may progress to our two-year online MSc in Environmental Health and Safety or other awards in ATU or other higher education institutions.

Did You Know?

This degree is essentially applied science rather than the science students may know from school. Occupational safety and health in the workplace covers areas such as chemical safety, occupational health, exposure to noise, dust and gases.

Quick Fact

This is the longest running occupational safety and health honours degree programme in Ireland.

Professional Accreditation

(iosh)

What will I study?

Year 1

- Introductory Biology
- Chemistry and Chemical Hazards
- Physics
- Mathematics for Science
- Information Technology
- Occupational Safety and Health Enquiry Based Learning
- Biological Science

Year 2

- Hazard and Risk Control
- Electricity, Machinery and Fire Safety
- Occupational Safety and Health Enquiry Based Learning
- Environmental Water Quality
- Occupational Hygiene Physical Agents
- Safety Legislation
- Construction Technology
- Manual Handling Instructor Training
- Workstation Assessor Training
- Data and Statistics in Health

Year 3

- Safety and Health Legislation
- Occupational Health and Health Promotion
- Occupational Hygiene
- Environmental Topics in the Workplace
- Occupational Safety and Health Enquiry Based Learning
- Management of Hazardous Materials and Processes
- Construction Safety and Contractor Management
- Safety Statement and Risk Assessment
- Applied Statistics and Data Management
- Environmental Management for the Safety Practitioner

Year 4 (Level 8)

- EHS Management Systems and Auditing
- Behavioural Based Safety Programs
- Ergonomics
- Project Management for OSH professionals
- Regulatory Affairs
- Training and Development
- EHS Management Systems Project

Evan McDonnell

BSc (Hons) in Occupational Safety and Health

The mix of practical and theory on this degree is brilliant. Enquiry Based Learning was my favourite module as it combined what we had learnt across a range of modules. We worked together in small groups on real-life problems or issues a health and safety officer might encounter. This helped us to develop a range of skills including communication, presenting and management.

The work placement was another aspect of the degree I really enjoyed. It allowed me to see the huge variety of career opportunities available. There is far more to managing health and safety then a hard hat and a clipboard. There is such demand for graduates in this area that many students graduate with employment already secured.

AU969 | Level 8 | Bachelor of Science (Honours)
AU858 | Level 7 | Bachelor of Science

Biomedical Science

Biomedical science is the study and application of biological systems for diagnostic and therapeutic purposes. Did you ever wonder how diseases are diagnosed in hospital labs or where insulin comes from? Did you know that many modern day drugs for cancer and rheumatoid arthritis are produced using biological systems? Biomedical science is a revolutionary industry that has a major impact on the production of drugs, hormones and diagnostics.

atu.ie/AU969
atu.ie/AU858

🕐 3/4 Years

CAO POINTS **358** (Level 8 2023)
250 (Level 7 2023)

☑ Minimum Entry Requirements

👥 32 Places

📄 Work Placement

✉ cao.sligo@atu.ie

Special Features

This programme gives students access to the latest industry innovations and advancements. Unique and interactive teaching methods on the programme include the use of enquiry-based learning, social networking, game-based learning, industrial workshops and visits to leading biopharmaceutical companies.

There is an industrial work placement in the summer of Year 3.

Students undertake training in the National Institute of Bioprocessing Research and Technology (NIBRT) in Blackrock, Dublin in Year 4. This gives students a distinct advantage when applying for roles in the biopharmaceutical industry.

A strong practical element allows students to build their competencies and skills. Lab skills which students develop include microbiology, molecular biology and DNA analysis, cell culturing and medical diagnostics.

Career Opportunities

Employability is extremely high from this degree. Graduates work across many biomedical and bio-based industries and careers including diagnostics, medical devices and biopharmaceuticals. They gain roles as technologists, lab and process scientists, instrumentation scientists, cell culture scientists, and protein and drug analysts.

Further Study Options

Students may exit after three years with an ordinary degree. Level 7 graduates may progress to Year 4 of the Level 8 BSc (Hons) in Biomedical Science. Level 8 graduates may progress to Level 9 masters or Level 10 PhD studies, pursuing research and careers in the public or private sectors.

Did You Know?

In Year 4, the focus moves to the biopharmaceutical industry. Students complete a research project on a specific area of interest.

Important transferrable skills such as teamwork, communication, problem solving, data presentation, information sourcing and scientific technical writing are also incorporated into this degree.

Quick Fact

Ireland is now the third largest exporter of pharmaceuticals globally, accounting for €116+ billion in exports annually. Pharmaceutical exports jumped to almost €9bn in January 2024, up 48% from the same time in 2023. This industry accounted for 47.5% of all Irish exports across the month. With 90+ biopharma companies operating in Ireland, the demand for skilled graduates is at an all-time high.

What will I study?

Year 1
- Biology
- Chemistry
- Physics
- Mathematics for Science
- Information Technology
- Introduction to Medical Biotechnology

Year 2
- Biochemistry
- Microbiology
- Bioethics
- Analytical Techniques
- Biomaterials and Medical Devices
- Mathematics for Science
- Molecular Biology
- Medical Pharmacology
- Medical Immunology
- Process Microbiology

Year 3
- Medical Device Technologies
- Animal Cell Culture
- Statistics for Scientists
- Protein Biotechnology
- Biopharmaceutical facilities and Utilities
- Legislation, Quality and Auditing Systems
- Implant Biocompatibility
- Immunodiagnostics
- Microbial Biotechnology
- Advanced Therapy Medicinal Products

Year 4 (Level 8)
- Recombinant Cell Engineering
- Cell Culture Processing
- Medical Diagnostics
- Research Project
- Industry Placement and Case Studies
- Recombinant Cell Engineering
- Formulation and Delivery Systems of Biopharmaceuticals
- Biopharmaceutical Validation
- Protein Purification
- Analytical Testing of Biopharmaceuticals

AU970 | Level 8 | Bachelor of Science (Honours)
AU859 | Level 7 | Bachelor of Science

Forensic Investigation and Analysis

This degree encompasses the application of a forensic investigative approach using advanced analytical science for the provision of scientific data and evidence. The underlying analytical science combines forensic, biological, chemical, communication and information technology skills. These skills can be applied to the investigation of crime, testing for toxins or illicit drugs, DNA profiling or statistical analysis. Students learn both forensic and analytical science through a range of biology and chemistry modules.

atu.ie/AU970
atu.ie/AU859

🕐 3/4 Years

CAO POINTS **340** (Level 8 2023)
260 (Level 7 2023)

☑ Minimum Entry Requirements

👥 48 Places

📄 Work Placement

✉ cao.sligo@atu.ie

Special Features

A major focus of this programme is the development of excellent practical analytical science skills which are in high demand by employers and for postgraduate research.

Learning experiences include simulated crime scenes with practising forensic investigators, training in molecular biology techniques for the development of DNA profiles, collection and chemical analysis of gunshot residue, learning how to test for toxins and illicit drugs, expert witness training and activities to enhance communication skills.

In the summer of Year 3, students complete a one to three-month work placement. In Year 4, students complete a forensic based research project on a topic of interest to them.

Career Opportunities

Graduates work in a wide range of industries where analytical science is required and initially take up roles as analysts, scientists and technical officers. Graduates have found employment in a broad range of sectors including in The State Laboratory, forensic science, teaching and in companies such as Abbott, AbbVie and Coca-Cola.

Further Study Options

Students may exit after three years with an ordinary degree. Level 7 graduates may progress to Year 4 of the Level 8 BSc (Hons) in Forensic Investigation and Analysis. Level 8 graduates may continue to Level 9 or Level 10 postgraduate studies. Our Level 8 degree is aligned with the Teaching Council of Ireland's registration requirements for secondary school teaching. Graduates may complete a Professional Master of Education (PME) to teach chemistry to Leaving Certificate level and science to Junior Certificate level.

Did You Know?

This programme is accredited by the Chartered Society of Forensic Sciences in the UK for the component standards Interpretation, Evaluation and Presentation of Evidence, Crime Scene Investigation and Laboratory Analysis. As the first higher education degree on the island of Ireland to achieve this accreditation, it gives our graduates the assurance that they have an internationally recognised qualification and are ready to undertake a professional career in forensic science.

What will I study?

Year 1
- Biology
- Chemistry
- Physics
- Mathematics for Science
- Learning for Forensic Science
- Forensic Science and Law
- Information Technology

Year 2
- Microbiology
- Biochemistry
- Organic Chemistry
- Crime Scene Investigation
- Analytical Chemical Techniques Theory
- Forensics Chemistry
- Physical Chemistry
- Communication for Scientists
- Data Processing, Molecular Graphics and Instrumentation
- Inorganic and Classical Analysis

Year 3
- Statistics for Scientists
- Quality Systems
- Human Genetics
- Spectroscopy and Atomic Spectrometry for Forensic Analysts
- Forensics Chemistry
- Molecular Biology
- Research Skills for Analytical Scientists
- Immunodiagnostics with Forensics Applications
- Separation Science for Forensics
- Laboratory Computing and Instrumental
- Advanced Chemistry

Year 4 (Level 8)
- Forensics Molecular Biology
- Research Project
- Industry Work Placement
- Forensics Chemical Analysis
- Crime Scene Management
- Analytical Toxicology
- Forensic Evaluation and Court
- Environmental Forensics

Professional Accreditation

The Chartered Society of Forensic Sciences

AU968 | Level 8 | Bachelor of Science (Honours)
AU857 | Level 7 | Bachelor of Science

Pharmaceutical Science with Drug Development

Pharmaceutical science is a broad, ever-evolving field, combining a range of scientific subjects that are vital in the discovery, design, development, processing and manufacturing of a diverse spectrum of drugs and therapies. Our programme produces highly skilled and employable graduates equipped with scientific, analytical and transferable skills to assume positions of responsibility in the diverse and expanding area of pharmaceutical science in Ireland and beyond.

atu.ie/AU968
atu.ie/AU857

🕐 3/4 Years

CAO POINTS 300 (Level 8 2023)
256 (Level 7 2022)

Minimum Entry Requirements

👥 32 Places

Work Placement

Erasmus+

@ cao.sligo@atu.ie

Special Features

Level 8 students benefit from a work placement in Year 3 where they can apply their learning and skills across a range of world-leading companies. This can be for four months or a full year. Some students have taken the opportunity to travel to the USA, Italy, Malta and the UK to complete their work placement.

This applied multidisciplinary programme allows students to develop a range of skills covering scientific, engineering, regulatory and quality issues, as well as delivering excellent communication skills. Modules are based around the core pharmaceutical sciences but with emphasis also placed on modern technology and advances within the sector.

Career Opportunities

Graduates have a broad but thorough background in chemical, biological and technological disciplines relating to the study of medicinal products. Graduates work in a diverse range of roles in the pharmaceutical, biopharmaceutical, biomedical and medical device sectors in areas such as formulation, analysis, validation, production, quality systems and legislation and regulatory affairs.

Further Study Options

Students may exit after three years of study with an ordinary degree. Level 7 graduates may progress to Year 4 of our BSc (Hons) in Pharmaceutical Science with Drug Development. Level 8 graduates may pursue a wide range of Level 9 and Level 10 postgraduate programmes in ATU or other higher education institutions.

Did You Know?

Ireland is now the third largest exporter of pharmaceuticals globally, accounting for €116+ billion in exports annually. Pharmaceutical exports jumped to almost €9bn in January 2024, up 48% from the same time in 2023. This industry accounted for 47.5% of all Irish exports across the month.

Over 30,000 people are employed in biopharma companies in Ireland, with 90+ companies operating here. With 19 of the world's top 20 pharmaceutical firms based in Ireland, the demand within the pharmaceutical and medtech industries for skilled graduates is at an all-time high.

What will I study?

Year 1
- Mathematics for Science
- Physics
- Chemistry
- Biology
- Introduction to Pharmaceutical Science
- Introduction to Drug Discovery and Development
- Information Technology

Year 2
- Microbiology
- Organic Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Biochemistry
- Introduction to Biopharmaceuticals
- Organic Chemical Synthesis
- Pharmaceutical Analytical Methods
- Pharmaceutical Microbiology
- Environmental Health and Safety

Year 3
- Pharmaceutical Processing and Medical Device Manufacture
- Biopharmaceuticals
- Pharmaceutical Chemistry
- Pharmaceutical Pre-Formulation Studies
- Scientific Communications
- Statistics for Scientists
- Pharmaceutical Formulation
- Pharmaceutical Quality Systems
- Pharmaceutical Analysis
- Active Ingredient Synthesis

Year 4 (Level 8)
- Industry Placement
- Biopharmaceutical Analysis
- Advanced Organic Chemistry
- Pharmaceutical Project
- Pharmaceutical Research Methods
- Pharmaceutical Legislation
- Pharmaceutical Operating Excellence
- Pharmaceutical Pharmacology
- Drug Structure
- Compliance Auditing & Validation

Quick Fact

Students can apply for an Abbott Excellence and Science Award, where students can get an internship and work experience with one of the many leading pharmaceutical companies in our region.

Nicole Gallagher

BSc (Hons) in Pharmaceutical Science with Drug Development

This degree is very hands-on and I really enjoyed the balance between theory and practical. It really helps to reinforce what you have learnt in class when you carry out practicals related to the topic. The lecturers are brilliant and have real-industry experience. I could ask them any questions that came to mind whether it be degree or career related.

We worked in simulated environments during our studies in state-of-the-art labs. We worked on projects which replicated working in industry and this was brilliant experience. I completed an internship with pharmaceutical company AbbVie from the end of Year 3 to the end Year 4 and left ATU Sligo with employment awaiting me. I now work as a Quality Control Lab Analyst in AbbVie.

AU973 | Level 8 | Bachelor of Science (Honours)

Clinical Measurement Physiology

This programme allows students to train as a clinical measurement physiologist in all five disciplines: neurology, respiratory, vascular, gastrointestinal and cardiology. Clinical measurement physiologists are healthcare professionals who perform diagnostic tests for patients, reporting and acting on the outcomes. They are a vital part of the interprofessional team looking after patients. This degree was developed in collaboration with the professional body for clinical measurement physiologists, the Irish Institute of Clinical Measurement Physiology.

atu.ie/AU973

🕐 4 Years

CAO POINTS 453 (Level 8 2023)

Minimum Entry Requirements **PLUS**
- Min H6 or O4 in Maths
- Min H4 in one of:
  Applied Maths, Physics, Chemistry, Biology, Physics/Chemistry, Agricultural Science, Engineering or Technology
- Garda Vetting

👥 24 Places

Work Placement

@ cao.sligo@atu.ie

Special Features

There is 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.

Students have access to state-of-the-art facilities, hospital standard equipment and individual lab spaces. Students will reinforce their learning by doing, in a real clinical environment.

Career Opportunities

Graduates take up employment as a clinical measurement physiologist in clinical settings such as hospitals and community based diagnostic hubs. Graduates are in very high demand to meet a growing skills shortage in Ireland and globally, with the demand forecast to significantly grow in the coming years. The most recent Government's Critical Skills Occupations List included clinical measurement physiology as an area with significant shortages in qualified professionals.

Some clinical measurement physiologists leave direct clinical practice and work as technical consultants or device specialists for companies that provide equipment or devices used in diagnosing or treating patients.

Further Study Options

Many clinical measurement physiologists undergo internationally recognised accreditation in specific procedures or groups of procedures they carry out. These are run by professional bodies or scientific groups and mostly involve self-directed learning. Some will undertake MSc or PhD by research or structured programmes. Working in healthcare allows many opportunities for further study and continuous professional development, which is vital to keep up to date with advancements in technology.

Did You Know?

In Year 3, students undertake two minor clinical placements. Each minor placement is a minimum of 300 hours. These placements are in two of the five disciplines.

What will I study?

Year 1
- Human Biology
- Mathematics for Science
- Physics
- Information Technology
- Chemistry
- Introduction to Clinical Measurement Physiology
- Human Anatomy and Physiology
- Clinical Measurement Techniques 1
- Introduction to Professional Practice

Year 2
- Health Biochemistry
- Human Anatomy and Physiology
- Clinical Measurement Techniques 2 and 3
- Biology of Disease
- Instrumentation and Imaging I & II
- Applied Health Statistics
- Medical Pharmacology
- Research Methods
- Clinical Measurement Physiology and Pathology

Year 3
- Physiological Systems
- Professional Practice I
- Core Placement Skills
- Clinical Measurement Instrumentation
- Minor Placements (two electives from chosen five disciplines, gastrointestinal, neurology, vascular, respiratory, cardiology)
- Advanced Clinical Measurement Applications

Year 4
- Minor Placement (third elective chosen from three of remaining disciplines)
- Medical Imaging
- Professional Practice II
- Advanced Medical Pharmacology
- Advanced Clinical Biochemistry
- Major Placement (elective, chosen from one of the three disciplines undertaken as a minor placement)
- Final Project

In Year 4, students undertake a third minor placement in one of the remaining three disciplines and then a major clinical placement of 480 hours in one of the minor disciplines they previously undertook.

AU861 | Level 7 | Bachelor of Science

Health Science and Physiology

The focus of this programme is on understanding, promoting and maintaining health and wellbeing through health behaviours including diet and physical activity. It is the perfect choice for students who have a strong interest in health but may be unsure of what aspect they wish to focus on. Modules are aligned to three main study strands: health promotion, exercise and nutritional science, and research methods for health.

atu.ie/AU861

🕐 3 Years

CAO POINTS 283 (Level 7 2023)

Minimum Entry Requirements **PLUS**
- Garda Vetting

👥 32 Places

@ cao.sligo@atu.ie

Special Features

The Register of Exercise Professionals (REPS) Ireland recognised Fitness Instruction Award is built into the programme, thus graduates are eligible to register with Ireland's professional body representing exercise professionals. This degree is also accredited by the International Union for Health Promotion and Education (IUHPE).

Core modules are complemented by supporting modules in IT, communications, first aid and sports injuries. Students are equipped with a unique blend of practical skills and knowledge in a broad range of health-related fields. This affords graduates numerous and varied opportunities to specialise in their favoured area and offers a diverse range of career paths.

Quick Fact

A new teaching gym for our health science degrees will open in late 2024.

Career Opportunities

By exploring different aspects of health science on this flexible programme, students can make an informed decision about career paths and further study. Graduates work in private, voluntary and state sectors in sports development, exercise science, physical activity prescription for health and wellness, health promotion and health research.

Further Study Options

Graduates may progress to the one-year add-on BSc (Hons) in Public Health and Health Promotion or Year 4 of the Level 8 BSc (Hons) in Health Science and Physical Activity. Many graduates from our health science degrees pursue studies in allied health professions such as physiotherapy, speech and language therapy, radiography, occupational therapy and other health-related disciplines, both in Ireland and abroad.

Level 8 graduates may progress to a range of Level 9 and Level 10 postgraduate programmes, including the MSc in Clinical Measurement Physiology in ATU.

Did You Know?

Students have access to state-of-the-art equipment in this hands-on programme. This includes a Biodex Isokinetic System 4 for testing muscular fitness, a Cortex Gas Analyser for VO2 max testing, a G-Walk which is used in clinical testing by physicians and specialists, and a BodPod, which is the gold standard testing technique to measure body composition. There is an emphasis on practical learning in this programme ensuring students are prepared for a wide range of careers after graduating.

What will I study?

Year 1
- Human Biology
- Foundation Chemistry
- Human Anatomy and Physiology
- Mathematics for Science
- Introduction to Health and Fitness
- Introduction to Kinesiology and Exercise Instruction
- Health Communications
- Health Promotion Practice
- Information Technology
- Determinants of Health
- Facilitation and Group Work Skills

Year 2
- Human Anatomy and Physiology
- Health Biochemistry
- Functional Anatomy and Kinesiology
- Health Psychology
- Exercise Physiology
- Human Nutrition
- Public Health Practice
- Physical Testing and Evaluation
- Biomechanics of Human Movement
- Health Microbiology
- Determinants of Health
- Promoting Health Behaviours
- Research Methods

Year 3
- Exercise Physiology
- Human Nutrition
- Research Methods
- Public Health Practice
- Resistance Training and Programme Design
- Health Statistics and Data Analysis
- Health Science Project
- Health Promotion Practice
- Physical Activity across Lifespan

Professional Accreditation

AU971 | Level 8 | Bachelor of Science (Honours)

Health Science and Physical Activity

Understanding and promoting an active lifestyle, proper nutrition, and the positive impact it has on people's lives forms the basis of this degree. Students obtain a strong academic base in health science disciplines related to physical activity and exercise, ideal for those interested in pursuing a career in human health. Graduates have the capacity to apply knowledge and skills to direct and support the general population, distinct population groups and those managing chronic conditions through physical activity and structured exercise programmes.

atu.ie/AU971

- 4 Years
- **CAO POINTS** 327 (Level 8 2023)
- Minimum Entry Requirements **PLUS** • Garda Vetting
- 32 Places
- Work Placement
- cao.sligo@atu.ie

Special Features

This degree is comprised of several inter-related subject streams including health promotion and public health, physical activity, exercise physiology, nutrition sciences and research methods.

Graduates are equipped with a unique blend of practical skills and knowledge in a broad range of health-related fields. In Year 3, students complete a research project on a topic of interest to them. In Year 4, students complete a 10-week work placement.

Embedded within this degree is the Register of Exercise Professionals (REPS) Ireland recognised Fitness Instruction, Personal Training and Exercise for Health Specialist awards. This degree is also accredited by the International Union for Health Promotion and Education (IUHPE). This means graduates have qualifications that are recognised worldwide.

Career Opportunities

Graduates work in a wide range of areas related to health and physical activity, including sports development, exercise science, physical activity promotion, health promotion and specialist physical activity prescription for managing long-term health conditions.

Further Study Options

Graduates may progress to a range of Level 9 and Level 10 postgraduate programmes, including the MSc in Clinical Measurement Physiology in ATU. Graduates may also gain entry to professional programmes in allied health areas such as physiotherapy, speech and language therapy, radiography and occupational therapy, both in Ireland and abroad.

Did You Know?

There is an emphasis on lab and practical elements throughout this degree. Students have access to state-of-the-art equipment including a Biodex Isokinetic System 4 for testing muscular fitness, a Cortex Gas Analyser for VO2 max testing, a G-Walk which is used in clinical testing by physicians and specialists, and a BodPod, which is the gold standard testing technique to measure body composition. A new teaching gym for our health science degrees will open in late 2024.

Professional Accreditation

IUHPE — UIPES
INTERNATIONAL UNION FOR HEALTH PROMOTION AND EDUCATION

reps ireland
register of exercise professionals

What will I study?

Year 1

- Human Biology
- Foundation Chemistry
- Introduction to Kinesiology and Exercise Instruction
- Human Anatomy and Physiology
- Information Technology
- Mathematics for Science
- Health Communications
- Health Promotion Practice
- Determinants of Health
- Introduction to Health and Fitness
- Facilitation and Group Work Skills

Year 2

- Human Anatomy and Physiology
- Health Biochemistry
- Functional Anatomy and Kinesiology
- Health Psychology
- Research Methods
- Exercise Physiology
- Biomechanics of Human Movement
- Health Microbiology
- Determinants of Health
- Promoting Healthy Behaviour
- Physical Testing and Evaluation

Year 3

- Human Nutrition
- Exercise Physiology
- Public Health Practice
- Resistance Training and Programme Design
- Health Statistics and Data Analysis
- Health Science Project
- Research Methods
- Health Promotion Practice
- Physical Activity across the Lifespan

Year 4

- Exercise as Medicine
- Clinical Exercise Prescription
- Physical Activity Project Management
- Applied Statistics in Public Health
- Enterprise and Innovation in Health
- Applied Epidemiology
- Qualitative Research Methodologies
- Work Placement
- Facilitation & Group Work Skills

Additional elective modules included

Niall Carr

BSc (Hons) in Health Science and Physical Activity

The modules had real-life practical experience working in labs and with clients. Not only did I develop my health skills and knowledge, I also developed my interpersonal and communication skills. These are important skills and ones I know employers look out for. I loved that after four years of study I had a unique blend of practical skills and knowledge in a broad range of health-related fields.

There is huge diversity in this degree, and the career and further study options at the end are amazing. I progressed to a Masters in Diagnostic Radiography in University College Cork and since completing this I have secured a position as a Radiographer in Sligo University Hospital.

AU972 | Level 8 | Bachelor of Science (Honours)
AU862 | Level 7 | Bachelor of Science

Human Nutrition

This programme combines several scientific disciplines to provide a thorough understanding of the role of diet and nutrition in health, and in the prevention of major diseases such as cardiovascular disease, cancer, diabetes and osteoporosis. Students study basic sciences, physiology, biochemistry, psychology, food science, food product development, public health nutrition, clinical nutrition and sports nutrition. Graduates have the skills to work as a nutritionist or a food scientist across a broad range of disciplines and sectors.

atu.ie/AU972
atu.ie/AU862

🕐 3/4 Years

CAO POINTS 377 (Level 8 2023)
280 (Level 7 2023)

Minimum Entry Requirements **PLUS**
▪ Garda Vetting

32 Places

Work Placement

Erasmus+

cao.sligo@atu.ie

Special Features

Graduates from our Level 8 degree are eligible for direct entry as registered associate nutritionists with the Association for Nutrition (AfN, AC289).

Students take part in a virtual mobility experience with students from the Hague University in the Netherlands in Year 1 and Year 4.

Career Opportunities

Graduates use the experience and knowledge gained in this programme to work in food and nutrition-related industries in areas such as research, product development, food safety, regulation, consumer information and marketing. Graduates are also qualified for a variety of roles in health promotion and public health nutrition.

Further Study Options

Level 7 graduates may progress to Year 4 of our Level 8 BSc (Hons) in Human Nutrition. Graduates from our Level 8 honours degree can pursue a wide range of Level 9 and 10 postgraduate programmes in ATU or other higher education institutions. ATU Sligo offers a range of Level 9 postgraduate programmes in public health nutrition, sports and exercise nutrition, and health promotion.

Many students also undertake this degree as a pathway to dietetics and progress to an MSc in Dietetics. Our expert staff ensure students receive appropriate references and advice prior to application and subsequent interview for further studies in areas such as dietetics.

Did You Know?

In Year 4, students complete a minimum 12-week professional work placement. This takes place in food-related industries, academia, health promotion, public health agencies, in hospitals and with sports nutritionists in Ireland or abroad.

Level 8 students complete a research project in Year 4. Topics can be lab or population based and cover a wide range of topics in public health nutrition, clinical nutrition, food product development, food science, sustainability and health.

Professional Accreditation

AfN Accredited Programme
Accreditation No. AC289

What will I study?

Year 1
- Human Biology
- Chemistry
- Culinary Nutrition
- Mathematics for Science
- Introduction to Nutrition
- Foundations of Health Promotion Practice
- Human Anatomy and Physiology
- Information Technology
- Determinants of Health

Year 2
- Nutritional Biochemistry
- Food Science
- Analytical Techniques
- Human Anatomy and Physiology
- Health Psychology
- Food Microbiology
- Behavioural Interventions
- Essential Skills for Nutritional Sciences
- Nutrition through the Life Stages

Year 3
- Advanced Nutrition
- Public Health Nutrition
- Food Legislation and Quality Systems
- Nutrition Assessment
- Sports and Exercise Nutrition
- Clinical Nutrition
- Product Development for the Nutrition and Food Industries
- Research Methods
- Health Statistics and Data Analysis
- Personal and Professional Development

Year 4 (Level 8)
- Industrial Placement
- Clinical Nutrition
- Nutrition Research Project
- Molecular Nutrition
- Current Issues in Food and Nutrition
- Food Toxicology and Immunology
- Global perspectives in Nutrition
- Food Marketing, Innovation and Entrepreneurship

Angela Kosko

BSc (Hons) in Human Nutrition

I love that this degree covers all areas of nutrition; from food composition to how the human body works and how we think. You gain skills and a deep understanding in a wide range of nutrition sectors, such as sports nutrition and clinical nutrition. My work placement with Sligo University Hospital was one of the degree highlights for me.

The lecturers are experts in health and nutrition. They ensure teaching is interactive and enjoyable. There are lots of labs using state-of-the-art facilities, which is a great way to learn whilst developing important skills. Since graduating, I have progressed to an MSc in Human Nutrition and Dietetics in the University of Limerick.

Over 1,600 students study full-time, part-time or online with ATU St Angelas. Programmes are delivered across a range of disciplines, from certificate (Level 7) to PhD (Level 10). All counties and continents are represented in our vibrant and diverse student population.

ATU
St Angelas

OTA San Aingeal

Facilities

Our clinical skills simulation resource, the Dudley Practice Area, is the only facility in the country where nursing students can book sessions outside of timetabled hours to enhance their learning and skills. Other state-of-the- art facilities include food labs, a food sensory analysis suite, science labs, textiles, fashion and design studios, multimedia suites, microteaching rooms, lecture theatres and a spacious auditorium.

Community

With small class sizes, we pride ourselves on our sense of community. A personal approach means every student is important and fully supported throughout their academic journey. We empower students to achieve academic excellence.

Academics

Our academic staff are professional, compassionate and engage with their students. As experts in their fields, their knowledge is evident by the high calibre of graduates each year. We also welcome guest lectures from across Ireland and around the world through our global partners, introducing students to an international experience during their studies.

McKeown Library

Located in Áras Michael and overlooking Lough Gill, the McKeown Library provides an important intellectual and social space. The service comprises of a physical library, an online library and a knowledge resource. This includes a collection of more than 40,000 volumes which is continuously updated.

Learning

Complimenting theory with practical skills is evident throughout our programmes. This prepares students for placements in education, nursing, healthcare, community and industry, but also provides a valuable foundation for a rewarding career. With a range of postgraduate opportunities available, graduates can also pursue professional development and career advancement with ATU.

AU985 | Level 8 | Bachelor of Education (Honours)

Home Economics and Biology

The Bachelor of Education in Home Economics and Biology is a full-time, concurrent teacher education degree leading to a National Framework of Qualifications (NFQ) Level 8 honours degree. Upon graduation, students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) of home economics and biology.

atu.ie/AU985

4 Years

CAO POINTS 520 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects incl. Irish, English, Maths, Lab Science Subject* and two other subjects recognised for entry purposes
- * Lab Science includes Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science. PLUS
- Garda Vetting

32 Places

Work Placement

Erasmus+

Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

School placement is a core element of the teacher education programme. Student teachers undertake school placement on a block release basis in the spring term of every year of their Bachelor of Education programme which is completed in a variety of schools and educational settings.

Career Opportunities

Graduates of this programme are qualified to teach home economics and biology in Post Primary to Leaving Certificate higher level. Graduates are provided with a professional and academic qualification enabling them to also pursue careers in a wide range of fields including education, home economics and applied science.

Further Study Options

Postgraduate opportunities include Structured PhD (Home Economics), MEd (Home Economics); MA (Contemporary Innovations in Education); MSc (Food Innovation); MSc (Home Economics, Nutrition and Health Promotion). Graduates may also proceed to postgraduate study in education, home economics, biology or related areas in other HEI's.

Quick Fact

This four-year programme is the only concurrent initial teacher education programme in home economics and biology in Ireland and fully equips graduates to teach home economics, science and biology in the post-primary sector.

Professional Accreditation

An Chomhairle Mhúinteoireachta
The Teaching Council

What will I study?

Year 1
- Education Studies 1
- General Pedagogics
- Specific Pedagogics: Home Ec
- Specific Pedagogics: Biology
- Inclusive Teaching and Learning
- School Placement 1
- Food Nutrition and Skills
- Introduction to Textiles and Design
- Family Resource Management (FRM): Home Economics Theory and Practice
- Botany
- Animal Diversity
- Human Anatomy and Physiology 1

Year 2
- Education Studies 2
- Specific Pedagogics
- General Pedagogics and Inclusive Teaching & Learning
- School Placement 2
- Food Studies
- FRM: The Family Home
- Human Anatomy and Physiology 2
- Molecular Biology
- Biochemistry 1

Year 3
- Critical Perspectives in Education
- Educational Research Methods
- General and Specific Pedagogics
- School Placement 3
- Applied Food Microbiology
- Textiles, Fashion and Design
- FRM: Resource Management and Consumer Empowerment
- Ecology and Ecosystems
- Biochemistry 2
- Microbiology: Food and Water

Year 4
- Critical Perspectives in Education 2
- School Placement 4
- Nutrition, Diet and Health
- Home Economics Practice in Everyday Life
- FRM: Family and Society
- Environmental Biology
- Molecular Cell Biology
- Biochemistry 3

AU986 | Level 8 | Bachelor of Education (Honours)

Home Economics and Religious Education

The Bachelor of Education in Home Economics and Religious Education is a full-time, concurrent teacher education degree leading to a National Framework of Qualifications (NFQ) Level 8 honours degree. Upon graduation, students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) of home economics and religious education.

atu.ie/AU986

4 Years

CAO POINTS 462 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects incl. Irish, English, Maths, Home Economics or Lab Science Subject* and two other subjects recognised for entry purposes
- * Lab Science includes Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science. PLUS
- Garda Vetting

48 Places

Work Placement

Erasmus+

Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

School placement is a core element of the teacher education programme. Student teachers undertake school placement on a block release basis in the spring term of every year of their Bachelor of Education programme which is completed in a variety of schools and educational settings.

Career Opportunities

Graduates of this programme are qualified to teach Junior Cycle and Leaving Certificate home economics and religious education. Graduates are provided with a professional and academic qualification which enables them to also pursue careers in a wide range of fields including education, home economics and religious education.

Further Study Options

Further Study Options Postgraduate opportunities include Structured PhD (Home Economics), MEd (Home Economics); MA (Contemporary Innovations in Education); MSc (Food Innovation); MSc (Home Economics, Nutrition and Health Promotion). Graduates may also proceed to postgraduate study in education, home economics, religious education or related areas in other HEI's.

Quick Fact

This four-year programme is the only concurrent initial teacher education programme in home economics and religious education in Ireland and fully equips graduates to teach both subjects at all levels in the post-primary sector.

Professional Accreditation

An Chomhairle Mhúinteoireachta
The Teaching Council

What will I study?

Year 1
- Education Studies 1
- General Pedagogics
- Specific Pedagogics: Home Ec
- Specific Pedagogics: RE
- Inclusive Teaching and Learning
- School Placement 1
- Food Nutrition and Skills
- Introduction to Textiles and Design
- Family Resource Management (FRM): Home Economics Theory and Practice
- Introduction to Theology
- World Religions
- Introduction to the Bible and Sacred Texts

Year 2
- Education Studies 2
- Specific Pedagogics
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2
- Food Studies
- FRM: The Family Home
- Christianity: The Crucified God
- Theoretical Perspectives on RE
- Introduction to Ethics

Year 3
- Critical Perspectives in Education
- Educational Research Methods
- General and Specific Pedagogics
- School Placement 3
- Applied Food Microbiology
- Textiles, Fashion and Design
- FRM: Resource Management and Consumer Empowerment
- RE Research Paper
- The Sacred and the Profane
- Applied Ethics in a Globalised World

Year 4
- Critical Perspectives in Education 2
- School Placement 4
- Nutrition, Diet and Health
- Home Economics Practice in Everyday Life
- FRM: Family and Society
- Philosophies of Secular Belief
- Critical Debates in Theological and Scriptural Studies
- The Call to Justice

AU987 | Level 8 | Bachelor of Education (Honours)

Home Economics and Irish

The Bachelor of Education in Home Economics and Irish is a full-time, concurrent teacher education degree leading to a National Framework of Qualifications (NFQ) Level 8 honours degree. Upon graduation, students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) of Home Economics and Irish.

atu.ie/AU987

🕐 4 Years

CAO POINTS 442 (Level 8 2023)

☑ Minimum Entry Requirements
- Min H4 Irish
- Min H5 in another subject
- Min O6/H7 in four subjects incl. English, Maths, Home Economics or Lab Science Subject* and three other subjects recognised for entry
  * Lab Science Subjects includes Biology, Chemistry, Physics, Physics/ Chemistry or Agricultural Science.
  PLUS
- Garda Vetting

👥 48 Places

📋 Work Placement

🌐 Erasmus+

✉ Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

School placement is a core element of the teacher education programme. Student teachers undertake school placement on a block release basis in the spring term of every year of their Bachelor of Education programme which is completed in a variety of schools and educational settings.

Career Opportunities

Graduates of this programme are qualified to teach Junior Cycle and Leaving Certificate home economics and Irish. Graduates are provided with a professional and academic qualification which enables them to also pursue careers in a wide range of fields including education, home economics and Irish.

Further Study Options

Postgraduate opportunities include Structured PhD (Home Economics), MEd (Home Economics); MA (Contemporary Innovations in Education); MSc (Food Innovation); MSc (Home Economics, Nutrition and Health Promotion). Graduates may also proceed to postgraduate study in education, home economics, Irish or related areas in other HEI's.

Quick Fact

This four-year programme is the only concurrent initial teacher education programme in home economics and Irish in Ireland and fully equips graduates to teach both subjects at all levels in the post-primary sector.

Professional Accreditation

An Chomhairle Mhúinteoireachta
The Teaching Council

What will I study?

Year 1
- Education Studies 1
- General Pedagogics
- Specific Pedagogics: Home Ec
- Specific Pedagogics: Gaeilge
- Inclusive Teaching and Learning
- School Placement 1
- Food Nutrition and Skills
- Introduction to Textiles and Design
- Family Resource Management (FRM): Home Economics Theory and Practice
- An Gearrscéal sa Ghaeilge
- Teanga na Gaeilge 1
- Teanga na Gaeilge 2

Year 2
- Education Studies 2
- Specific Pedagogics
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2
- Food Studies
- FRM: The Family Home
- Athbheochan na Gaeilge
- An Béaloideas agus An Fhilíocht Bhéil
- Teanga na Gaeilge 3

Year 3
- Critical Perspectives in Education
- Educational Research Methods
- General and Specific Pedagogics
- School Placement 3
- Applied Food Microbiology
- Textiles, Fashion and Design
- FRM: Resource Management and Consumer Empowerment
- Drámaíocht agus Scannánaíocht sa Ghaeilge
- An tSochtheangeolaíocht
- Teanga na Gaeilge 4

Year 4
- Critical Perspectives in Education 2
- School Placement 4
- Nutrition, Diet and Health
- Home Economics Practice in Everyday Life
- FRM: Family and Society
- An Fhilíocht sa Ghaeilge
- An tÚrscéal sa Ghaeilge
- Teanga na Gaeilge 5

AU987 | Leibhéal 8 | Baitsiléir san Oideachas (Onóracha)

Eacnamaíocht Bhaile agus Gaeilge

Cúrsa oiliúna tosaigh do mhúinteoirí is ea an Baitsiléir Oideachais san Eacnamaíocht Bhaile agus Gaeilge, agus bainfidh céimithe amach cáilíocht ag Leibhéal 8 ar an gCreat Náisiúnta Cáilíochtaí. Sásóidh céimithe cáilithe riachtanais na Comhairle Múinteoireachta chun clárú mar Mhúinteoirí Nuacháilithe san Eacnamaíocht Bhaile agus Gaeilge.

atu.ie/AU987

🕐 4 Bliana

CAO POINTS 442 (Leibhéal 8 2023)

☑ Gnáthriachtanais Iontrála
- H4 ar a laghad sa Ghaeilge
- H5 ar a laghad in ábhar eile
- O6/H7 i gceithre ábhar eile lena n-áirítear Béarla, Mata, Eacnamaíocht Bhaile nó Ábhar Eolaíochta Saotharlainne* agus trí hábhar aitheanta eile
  * áirítear Biteolaíocht, Ceimic, Fisic, Fisic/Ceimic nó Eolaíocht Talmhaíochta i measc na nÁbhar Eolaíochta Saotharlainne
  PLUS
- Grinnfhiosrúchán Garda

👥 48 Áit

📋 Socrúchán Oibre

🌐 Erasmus+

✉ Kevin McGlynn
Oifigeach Iontrála (Gníomhach)
admissions.stangelas@atu.ie

Gnéithe Speisialta

Is bunghné den chlár oideachais múinteoirí é an socrúchán scoile. Tabharfaidh múinteoirí faoi oiliúint faoin socrúchán scoile i mbloic i dtéarma an earraigh gach bliain le linn an chúrsa i scoileanna agus timpeallachtaí oideachais éagsúla.

Deiseanna Gairme

Beidh céimithe ón gclár seo cáilithe chun Eacnamaíocht Bhaile agus Gaeilge a mhúineadh sa tSraith Shóisearach agus san Ardteistiméireacht. Beidh cáilíocht phroifisiúnta agus acadúil ag céimithe agus beidh siad in ann dul i mbun oibre in go leor earnálacha, lena n-áirítear oideachas, eacnamaíocht bhaile agus Gaeilge.

Deiseanna maidir le Tuilleadh Taighde

Imeasc na ndeiseanna iarchéime áirítear PhD Struchtúrtha (Eacnamaíocht Bhaile); M.Ed. (Eacnamaíocht Bhaile); MA (Nuálaíochtaí san Oideachas); MSc. (Nuálaíocht Bhia); MSc (Eacnamaíocht Bhaile, Cothú agus Cur Chun Cinn na Sláinte). Mar aon leis sin, féadfaidh céimithe tabhairt faoi staidéar iarchéime san oideachas, san eacnamaíocht bhaile, sa Ghaeilge nó i réimsí gaolmhara in ionaid ardoideachais eile.

An raibh a fhios agat?

Tá an cúrsa ceithre bliana seo ar an aon chúrsa oideachais tosaigh do mhúinteoirí san Eacnamaíocht Bhaile agus Gaeilge in Éirinn, agus leis an gcúrsa seo tugtar scileanna do chéimithe an dá ábhar a mhúineadh ag gach leibhéal san earnáil iar-bhunscoile.

Creidiúnú Proifisiúnta

An Chomhairle Mhúinteoireachta
The Teaching Council

Céard iad na hábhair a dhéanfaidh mé staidéar orthu?

Bliain 1
- Stáidéar Oideachais 1
- Oideolaíocht Ghinearálta
- Oideolaíocht: Eacnamaíocht Bhaile
- Oideolaíocht: Gaeilge
- Foghlaim agus Múineadh Ionchuimsitheach
- Socrúchán Scoile 1
- Cothú agus Scileanna Bia
- Teicstílí agus Dearadh
- Bainistiú Acmhainní Teaghlaigh
- An Gearrscéal sa Ghaeilge
- Teanga na Gaeilge 1 & 2

Bliain 2
- Staidéar Oideachais 2
- Oideolaíocht Ábhair
- Foghlaim agus Múineadh Ionchuimsitheach
- Socrúchán Scoile 2
- Eolaíocht Bhia agus Cothú
- An Baile – Dearadh Teicstílí agus Intí
- Athbheochan na Gaeilge
- An Béaloideas agus Filíocht Bhéil
- Teanga na Gaeilge 3

Bliain 3
- Peirspictíochtaí Criticiúla san Oideachas
- Modhanna Taighde Oideachais
- Oideolaíocht Ghinearálta
- Socrúchán Scoile 3
- Micribhitheolaíocht Bhia
- Teicstílí, Faisean agus Dearadh
- Bainistiú Acmhainní & Cumhachtú Tomhaltóirí
- Drámaíocht & Scannánaíocht
- An tSochtheangeolaíocht
- Teanga na Gaeilge 4

Bliain 4
- Peirspictíochtaí Criticiúla san Oideachas 2
- Socrúchán Scoile 4
- Cothú, Aiste Bia agus Sláinte
- Eacnamaíocht Bhaile sa Saol Laethúil
- An Teaghlach agus an tSochaí
- An Fhilíocht sa Ghaeilge
- An tÚrscéal sa Ghaeilge
- Teanga na Gaeilge 5

AU988 | Level 8 | Bachelor of Education (Honours)

Home Economics

The Bachelor of Education in Home Economics is a full-time, concurrent teacher education degree leading to a National Framework of Qualifications (NFQ) Level 8 honours degree. Upon graduation, students will meet all the Teaching Council requirements to be registered as a Newly Qualified Teacher (NQT) of Home Economics.

atu.ie/AU988

4 Years

CAO POINTS 507 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects including Irish, English, Maths and Home Economics
- Two other subjects recognised for entry purposes. PLUS
- Garda Vetting

16 Places

Work Placement

Erasmus+

Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

School placement is a core element of the teacher education programme. Student teachers undertake school placement on a block release basis in the spring term of every year of their Bachelor of Education programme which is completed in a variety of schools and educational settings.

Career Opportunities

Graduates are recognised by the Teaching Council and are fully qualified to teach Home Economics to the highest post-primary level. Graduates are provided with a qualification which enables them to also pursue careers in a wide range of fields including home economics; education; food; textiles; social and family studies.

Further Study Options

Graduates have the option to pursue further studies at postgraduate, Masters and PhD Level in home economics and education. Postgraduate opportunities include Structured PhD (Home Economics), MEd (Home Economics); MA (Contemporary Innovations in Education); MSc (Food Innovation); MSc (Home Economics, Nutrition and Health Promotion). Graduates may also proceed to postgraduate study in other HEI's.

Quick Fact

This four-year programme is the only concurrent initial teacher education programme in home economics in Ireland and fully equips graduates to teach both subjects at all levels in the post-primary sector.

Professional Accreditation

An Chomhairle Mhúinteoireachta
The Teaching Council

What will I study?

Year 1
- Food Studies
- Introduction to Textiles and Design
- Family Resource Management (FRM): Sociology of the Family
- Introduction to Scientific Concepts
- Home Economics Studies 1
- Education Studies 1
- General Pedagogics
- Specific Pedagogics: Home Ec
- School Placement 1
- Inclusive Teaching and Learning

Year 2
- Food Studies
- FRM: The Family Home
- Home Economics Studies 2
- FRM: Sustainable Household Ecology
- Education Studies 2
- Specific Pedagogics: Home Ec
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2

Year 3
- Food Studies
- Nutritional and Sensory Sciences
- Textiles, Fashion and Design
- FRM: Resource Management and Consumer Empowerment
- Home Economics Studies 3
- Critical Perspectives in Education 1
- Educational Research Methods
- General and Specific Pedagogics
- School Placement 3

Year 4
- Food Quality, Nutrition and Health
- Dissertation Home Economics
- FRM: Family and Society
- Home Economics Practice in Everyday Life
- Optional Pathway (see website)
- Critical Perspectives in Education 2
- School Placement 4

Natasha Gilmartin

BEd (Hons) in Home Economics

My passion for home economics began in first year at secondary school and I knew even at that early stage that my interest would build into a something I really enjoy learning. Wanting to become a home economics teacher felt like a natural progression and I knew ATU St Angelas was the place to do this.

Not only does the course offer a balance of practical lab work with theory, but I also get to experience school placement each year and this is a great insight into my future career as an educator.

Our small class sizes mean our group connected straight away in year one and we're all supporting one another along the way. I look forward to registering with the Teaching Council towards the end of my degree and putting everything I've learned into practice.

Jayne McCormack

BSc (Hons) in Nutrition, Food and Business Management

I always had an interest in food and nutrition, hence my decision to apply for Food, Nutrition and Business Management at ATU St Angelas. I found this degree invaluable in many different ways. Our lecturers are very supportive and always on hand to offer their advice and guidance.

The degree provides a diverse range of engaging modules that are both practical and theoretical. In third year, during placement, I gained significant experience and crucial skills to prepare me for the working environment in the food industry. This course exposes you to extensive opportunities and career paths.

AU989 | Level 8 | Bachelor of Science (Honours)

Nutrition, Food and Business Management

The Bachelor of Science in Nutrition, Food and Business Management programme is aimed at students with a strong interest in food, nutrition, and food product development as well as students who are interested in developing a diverse range of entrepreneurial skills and business acumen. The programme seeks to prepare students for the challenges of producing foods safe for human consumption and developing more nutritious, healthier food options for dynamic, ever-changing markets.

atu.ie/AU989

🕐 4 Years

CAO POINTS 289 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects including Irish, English, Maths, a Lab Science Subject and two other subjects recognised for entry purposes.

* Laboratory Science includes Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science.

👥 16 Places

📇 Work Placement

Erasmus+

✉ Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Career Opportunities

Graduates will have attained the knowledge, skills and competencies that will enable them to obtain employment in a variety of food and associated industries. Graduates will be equipped with the technical knowledge and skills required to work in a diverse range of careers.

Special Features

A work placement in Semester 2 of Year 3 means students will complete a minimum of 20 weeks in a food-producing company. There is an option for international placement on this programme and many students have taken EU-funded placement through the Erasmus+ Mobility scheme. During placement, students typically explore roles in product development, quality assurance and production supervision. Irish placement companies have included Kerry, Flahavan's, Glanbia, Aurivo, Good4U, Lakeland Dairies, Boyne Valley, Dairygold, Ornua, Ballymaloe Foods, and many more.

Quick Fact

There are 230,000 jobs linked to the Agri-Food sector in Ireland, a current turnover of roughly €26bn and food and drink exports of over €16.7bn in 2022 with further growth predicted for 2022 and beyond (Bord Bia, 2022).

Did You Know?

The food industry requires graduates with an understanding of nutrition, culinary skills and market trends. The salaries for graduate Food Technician/NDP roles range between €26,000 to €43,000 and the salary for graduates progressing to Food Product Development. Manager roles range between €45,000 to €90,000, not including car, bonuses, pension and health insurance. This programme continues to offer 100% employment following graduation.

What will I study?

Year 1
- Nutrition 1: Nutrition, Diet and Health
- Food Science
- Microbiology 1
- Food Preparation and Culinary Skills
- Introductory Marketing and Finance
- Business Management and Food Legislation

Year 2
- Nutrition 2: Nutrition Through the Life Cycle
- Food Science and Applied Culinary Skills
- Industrial Scale Food Production
- Microbiology 2
- Marketing and Consumer Behaviour
- Principles of Sensory Sciences

Year 3
- Nutrition 3: Lifestyle, Health and Disease
- Digital Marketing
- Operations Strategy
- Marketing Research
- Innovations in Food Processing and Preservation
- 20-week Placement

Year 4
- Public Health Nutrition
- Food Quality Management and Auditing
- Strategic Management
- Research Skills
- Training in HACCP and BRC Principles
- Food Innovation and New Product Development
- International Food Policy
- Entrepreneurship and Enterprise Development

Professional Accreditation

Additional certification can be achieved through programme: Basic Food Hygiene, certified by Environmental Health Officers (Health Service Executive).

AU990 | Level 8 | Bachelor of Arts (Honours)

Home Economics

The role of a Home Economist in communities is very much established worldwide. This level 8, four-year degree fulfils the gap that is currently demanded and required within Irish society. It is designed to attract applicants who are passionate about home economics and aspire to be home economists advocating for sustainable health and wellbeing of individuals, families and communities.

atu.ie/AU990

🕐 4 Years

CAO POINTS 388 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects incl. Irish, English, Maths, Home Economics and two other subjects recognised for entry purposes PLUS
- Garda Vetting

👥 32 Places

📇 Work Placement

🧳 Erasmus+

✉️ Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

Year 4 of the programme allows students to specialise within a specific area of home economics i.e. food or textiles, fashion, design or family resource management. This year will also allow students to investigate and research an area of interest.

Career Opportunities

Graduates will find job opportunities in governmental or NGO's focusing on family and child wellbeing; consumer advocacy; and health promotion. Graduates can work with both private and state organisations as food advisors, or community home economists. Commercial pathways in the private sector (e.g. food, textiles, fashion) are also possible.

*Please note, the BA in Home Economics is not an initial teaching qualification.

Further Study Options

Postgraduate programmes (Masters and Doctoral level) can be pursued in the areas of education*, home economics, health promotion; food and nutrition; health coaching and wellbeing; child development; child, youth and community, textiles and fashion. Students who successfully complete the BA in Home Economics may progress to a Professional Master of Education (PME) which will enable graduates to teach home economics to Junior Certificate and Leaving Certificate levels.

What will I study?

Year 1
- Food Preparation and Culinary Skills
- Nutrition, Diet and Health
- Introduction to Textiles and Design
- Sociology of the Family
- Child Development
- Strategic Communication
- Consumer and Family Financial Literacy

Year 2
- Interior and Textiles Design
- Food Science and Nutrition
- Family and Consumer Affairs
- Health Promotion
- Health and Wellbeing Economics and Policy

Year 3
- Food Microbiology, Processing and Preservation
- Sensory Sciences
- Textiles, Fashion and Design
- Family Resource Management and Consumer Empowerment
- Preparation for Placement
- Work Placement / Study Abroad (Erasmus+)

Year 4
- Family: Policy and Practice
- Home Economics Artisan Enterprise
- Home Economics Studies
- Family Advocacy in the Community
- Public Health Nutrition
- Home Economics Research Project

AU991 | Level 8 | Bachelor of Science (Honours)

General Nursing

General Nurses care for persons of all ages, in hospitals, GP practices and in the communities - working as part of a team of healthcare professionals who look after a person's physical; psychological; spiritual and social wellbeing. Caring for persons with various types of conditions (acute & chronic physical illnesses), Nurses also have a key role in helping those who have had an illness to recover to their optimum well-being.

atu.ie/AU991

🕐 4 Years

CAO POINTS 359 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects incl. Irish, English, Maths, Lab Science Subject and two other subjects recognised for entry purposes
- * Lab Science Subject includes Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science. PLUS
- Garda Vetting
- Medical Clearance

👥 92 Places

📇 Work Placement

🧳 Erasmus+

✉️ Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

Graduates will be eligible to register as a General Nurse with the Nursing and Midwifery Board of Ireland (NMBI) having obtained a university-accredited honours degree. The programme is offered in conjunction with Sligo University Hospital and other Health Service Executive (HSE) organisations and groups in the Western region.

Career Opportunities

Graduates will be in a position to work in various settings such as ward based nursing, community or in specialists' areas. Graduates may decide to specialise in other disciplines of nursing (e.g. midwifery); management or education. As a nurse, there are career opportunities available at regional, national and international levels.

Further Study Options

Many graduates choose to undertake further study to enhance their nursing practice and career opportunities. We offer a number of postgraduate options which include nursing studies, international healthcare management, disability studies, applied health and wellness coaching as well as a suite of flexible learning standalone modules to choose from.

Did You Know?

In each semester students will undertake at least one clinical module whereby time will be spent in the hospital or community learning the art of general nursing. Students spend over half of the programme in the hospital or community settings. In the final year students are in the hospital or community from January to September and are very much part of the team of health care professionals delivering care.

Professional Accreditation

Bord Altranais agus Cnáimhseachais na hÉireann
Nursing and Midwifery Board of Ireland

What will I study?

Year 1
- Applied Biological Sciences 1
- Applied Social Sciences 1
- Theory and Practice of Nursing
- Across the Lifespan in Acute and Community Setting 1
- Nursing Practice and Clinical Decision Making 1
- Nursing Practice Skills 1
- Foundations of Communication
- Health and Health Promotion
- Professional Foundations of Nursing
- Practice Assessment

Year 2
- Applied Biological Sciences 2
- Applied Social Sciences 2
- Principles of Pharmacology
- Theory and Practice of Nursing Across the Lifespan in Acute and Community Setting 2
- Nursing Practice and Clinical Decision Making
- Nursing Practice Skills
- Health and Health Promotion
- Introduction to Research
- Practice Assessment

Year 3
- Applied Biological Sciences 3
- Applied Social Sciences 3
- Theory and Practice of Nursing Across the Lifespan in Acute and Community Setting 3
- Nursing Practice and Clinical Decision Making 3
- Nursing Practice Skills 3
- Health and Health Promotion 3
- Older Person Care
- Nursing Leadership 1
- Practice Assessment

Year 4
- Theory and Practice of Nursing Across the Lifespan in Acute and Community Setting 4
- Nursing Practice and Clinical Decision Making 4
- Nursing Practice Skills 4
- Research for Nursing Practice
- Nursing Leadership 2
- Practice Assessment

Briana Coyne

BSc (Hons) in Intellectual Disability Nursing

I have always been interested in a career that makes a difference in people's lives and I have known nurses from an early age so they were a great inspiration. I decided to study Intellectual Disability Nursing because of the social model approach this discipline takes.

Connecting with service users and their families in the community is much different to a clinical setting and provides a person-centred care to those with an intellectual disability. My course explores all aspects of children and adults with the lived experience of disability who often rely on services that we as student nurses contribute to.

This year my practice placement included working out in the community and residential settings, in a hospital medical ward, community hospital with dementia patients, mental health services and in a specialised preschool which I really enjoyed.

AU992 | Level 8 | Bachelor of Science (Honours)

Intellectual Disability Nursing

This is a four-year degree pre-registration programme focusing on the theory and practice of Intellectual Disability Nursing to support people throughout their life span. The aim of the programme is to prepare practitioners as analytical, reflective and independent thinkers who will practice as competent, accountable, registered nurses who support inclusive and fulfilling lives for people with an intellectual disability.

atu.ie/AU992

4 Years

CAO POINTS 278 (Level 8 2023)

Minimum Entry Requirements
- Min H5 in two subjects
- Min O6/H7 in four subjects incl. Irish, English, Maths, Lab Science Subject and two other subjects recognised for entry purposes
* Lab Science Subject includes Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science. PLUS
- Garda Vetting
- Medical Clearance

35 Places

Work Placement

Erasmus+

Kevin McGlynn
Admissions Officer (Acting)
admissions.stangelas@atu.ie

Special Features

In each semester students will undertake at least one practice module whereby time will be spent in intellectual disability services, and schools learning how to support persons with an intellectual disability in their lives.

Career Opportunities

Graduates work within the community or with families and other professionals or professional services such as schools, respite services and supported employment agencies. Graduates may also specialise and work with persons who have particular challenges such as complex needs, autism spectrum disorders, behaviour or mental health challenges.

Further Study Options

Many graduates choose to undertake further study to enhance their nursing practice and career opportunities. We offer a number of postgraduate options which include nursing studies, international healthcare management, disability studies, applied health and wellness coaching as well as a suite of flexible learning standalone modules to choose from.

Did You Know?

Intellectual disability nursing is based on the principles of human rights, equality, person-centredness and empowerment. These principles underpin the achievement of autonomy, active participation, inclusivity for the person and the delivery of quality life, health and social care. Registered Nurses Intellectual Disability collaborate with the person with intellectual disability, their family, advocates and members of the multi-professional and multi-agency teams to enable the person to live within their community.

Professional Accreditation

Bord Altranais agus Cnáimhseachais na hÉireann
Nursing and Midwifery Board of Ireland

What will I study?

Year 1
- Applied Biological Sciences 1
- Applied Social Sciences 1
- Professional Foundations of Nursing
- Nursing Practice Skills 1
- Foundations of Communication
- Health and Health Promotion 1
- Concepts and Paradigms of Disability
- Human Rights and Equality
- Person-Centredness
- Intellectual Disability Nursing Studies 1
- Person Centred and Empowering Support 1
- Practice Assessment

Year 2
- Applied Biological Sciences 2
- Applied Social Sciences 2
- Nursing Practice Skills 2
- Health & Health Promotion
- Introduction to Research
- Principles of Pharmacology
- Intellectual Disability Nursing Studies 2
- Intellectual Disability, Life and Social Skills 1
- Person Centred and Empowering Support 2
- Practice Assessment

Year 3
- Applied Biological Sciences 3
- Applied Social Sciences 3
- Nursing Practice Skills 3
- Health and Health Promotion 3
- Nursing Leadership 1
- Older Person Care 5
- Intellectual Disability Nursing Studies 3
- Intellectual Disability, Life and Social Skills 2
- Person Centred and Empowering Support 3
- Practice Assessment

Year 4
- Research for Nursing Practice
- Nursing Leadership 2
- Intellectual Disability Nursing Studies 4
- Nursing Practice Skills 4
- Person Centred and Empowering Support 4
- Practice Assessment

Access Programme

Clár Rochtana

DIRECT | Level 6 | Certificate

Access for Higher Education (Access Programme)

This programme is intended for adult learners who wish to return to study after a break in their education experience and who may not have benefited from, or had access to, previous educational opportunities. Students who are successful on this programme will have the educational qualification for admission to higher education programmes in a wide range of disciplines. This will not depend on the particular electives chosen. The skills, knowledge and competencies developed by students during this programme should ensure a reasonable prospect of success in subsequent studies.

atu.ie/access-for-higher-education

- 1 Year
- **CAO POINTS** Direct Entry
- 100 Places
- Multi Campus
- 074 91 86170
- access.donegal@atu.ie

Entry Requirements

- School leavers between the ages of 17-22 years who have been out of school for at least two years and who meet the socio-economic and academic criteria as set down by the university.
- Adult students 23 years of age or over on 1st January of the year of application to the Access Programme. There are no specific entry requirements, such as Leaving Certificate, but applicants may have to sit an aptitude test or undergo an interview.
- Current LCA students who have 160 credits may apply.

Further Study Options

On successful completion of this certificate, students are eligible to apply for undergraduate programmes across ATU (quotas apply on some programmes).

How to Apply

Applications are made directly through ATU and not through the CAO. To apply or to receive more information, please email access.donegal@atu.ie

Cost

There are no fees to study this programme. The Certification in Access for Higher Education (Access Programme) is free.

What will I study?

Semester 1
- Application of Numbers
- Learning Skills and Personal Development
- ICT
- College Skills and Career Planning

Semester 2

STEM Stream
- Academic Writing
- Maths for STEM

Plus 2 from
- Science
- Introduction to Computing
- Introduction to Engineering

Humanities Stream
- Academic Writing
- Research Fundamentals

Plus 2 from
- Social Care and Education
- Business and Law
- Tourism and Sport
- Introduction to Design Principles

Electives are offered subject to sufficient demand

Always ATU

OTA go brách

With a variety of postgraduate options available, many of our students continue their studies with ATU. Our students also become members of The ATU Alumni Network.

Postgraduate Study

At ATU, we understand that every student's journey is unique. We provide 115+ flexible, part-time and full-time study options from a wide range of disciplines to suit your needs and aspirations. Whether you're looking for an immersive on-campus experience, the convenience of online learning or something in between, we have the perfect masters for you.

Built on the expertise of our academic team and in collaboration with business partners and industry leaders, our programmes are developed for the real-world. We offer programmes in areas such as business, education, arts, engineering, technology, science and health. For more information, please go to **atu.ie/masters**

The ATU Alumni Network

ATU Alumni is a vast network of ATU graduates, leaders and innovators living and working across the globe. As a university our connection with our alumni is a lifelong one. The ATU Alumni Network keeps alumni connected to each other and to the university through lifelong learning, networking opportunities and invitations to participate in programmes and events.

For current students we offer the ATU Alumni Mentorship Programme which helps support students as they make the transition from university to the working world. We also offer ATU alumni graduating from an ATU level 8 degree a 20% reduction in academic fees if they choose to pursue a taught masters programme at ATU. For more information, please go to **atu.ie/alumni**

Online, Flexible and Professional Development

ATU offers over 400 online, flexible and part-time programmes that respond to student demand and deliver skills needed in industry. Our accredited programmes support students at all stages, regardless of location, to access and continue lifelong learning and develop new skills. From short courses to masters, study part-time in a flexible learning environment designed to suit you. For more information, please go to **atu.ie/flexible**

Other Study Options

Roghanna Eile Staidéir

Alongside our extensive range of full-time on campus CAO programmes, ATU is proud to offer a wide variety of study options and ways in which you can take the next step in your academic journey.

Apprenticeships

With trade, professional and industry-led apprenticeships, ATU continues to improve our facilities and resources to increase the capacity and range of apprenticeships available across our campuses. To learn more about the apprenticeships on offer, please go to page 313.

Tertiary Education

Dedicated progression pathways now exist across our region to enable students to start a degree in their local Education Training Board (ETB) before completing a degree at one of the ATU campuses in the region. For more information and to discover the degree options available, please go to **atu.ie/tertiarydegrees**

Access Programme

Students who successfully complete our Certification in Access for Higher Education (Access Programme) will obtain the educational qualification for admission to Higher Education programmes in a wide range of disciplines. For more information, please go to page 307.

Online, Flexible and Professional Development

ATU offers over 400 online, flexible and part-time programmes that respond to student demand and deliver skills needed in industry. Our accredited programmes support students at all stages, regardless of location, to access and continue lifelong learning and develop new skills.

From short courses to masters, study part-time in a flexible learning environment designed to suit you. Our graduates are equipped with the skills and confidence to excel in their chosen career, create change and build their future. For more information, please go to **atu.ie/flexible**

Project WAVE

Project WAVE (working towards academic and vocational equity) provides individuals with intellectual disabilities the opportunity to attend university. The comprehensive programme addresses students' social, academic and vocational needs. Students in Project WAVE experience university life at ATU by attending classes and participating in clubs and societies.

Students can choose between four different ATU campus locations to study, where the same mandatory subjects will be covered. Additional elective subjects will be available, depending on the campus chosen. For more information or to apply, please go to **atu.ie/wave**

Apprenticeships at ATU

Printíseachtaí ag OTA

Apprenticeships are structured education and training which formally combines and alternates learning in the workplace with learning in an education and training centre. ATU offers a number of professional and trade focused apprenticeship programmes.

ATU Galway Mayo Apprenticeship Programmes

→ Electrical
→ Manufacturing Engineering
→ Motor Mechanic
→ Wood Manufacturing and Finishing

ATU Donegal Apprenticeship Programmes

→ Electrical
→ Metal Fabrication
→ Refrigeration and Air Conditioning

ATU Sligo Apprenticeship Programmes

→ Electrical
→ Toolmaking
→ Carpentry and Joinery
→ Manufacturing

ATU Sligo Professional Apprenticeships

→ Insurance Practice
→ Transport Operations and Commercial Driving
→ Civil Engineering

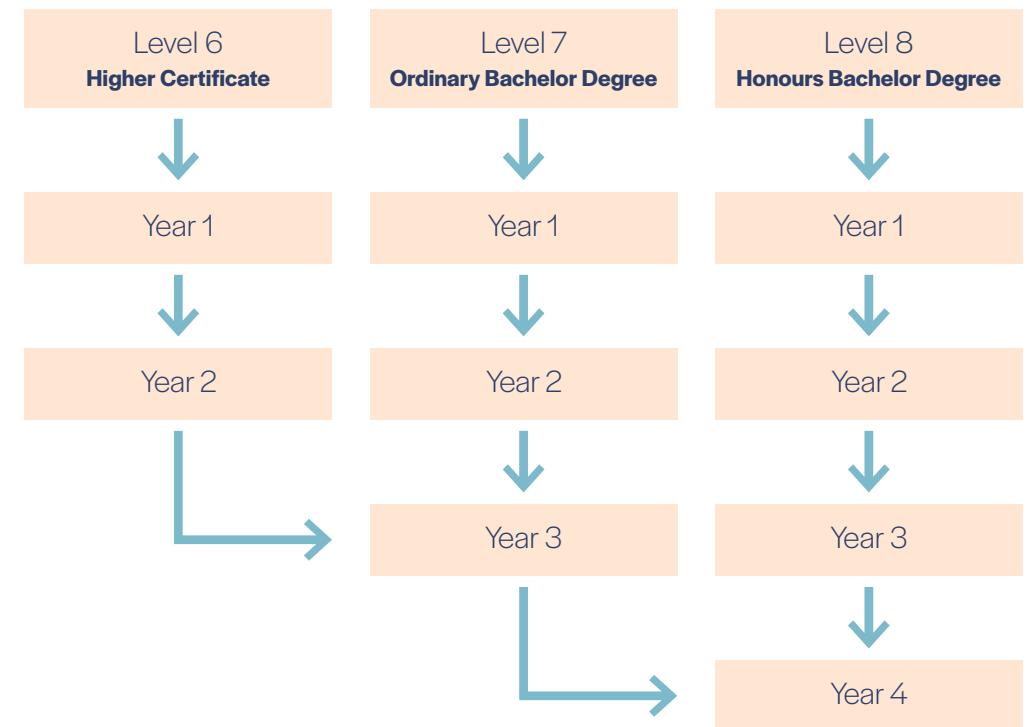All apprentices apply through **www.apprenticeship.ie**

How to Apply

Conas Iarratas a Dhéanamh

Filling out the CAO form can seem complex, but a small amount of initial research can make this an easy process. The CAO website has lots of valuable video resources, including a detailed demo of the application process – it is worth investigating these resources before commencing the application process. Check the CAO website to make sure you are aware of their opening and closing dates and ensure you complete your application on time as no exceptions are made for missed deadlines. Your Career Guidance Counsellor, family or friends who have experience with the CAO application process can help you in discussing your options and ensuring no mistakes are made in your application.

It is important to reflect on the courses you select in your CAO application and to consider where they are situated in your order of preference. Investigate if there are alternative routes to the course and career you wish to enter – the more limited your CAO application is, the more limited your options will be. Students can apply for up to twenty courses on their CAO application – ten on the level 8 list and ten on the level 6/7 list. Therefore, if students only complete the level 8 list, and ignore the level 6/7 list, they will halve their chances of getting an offer of a college course.

Progression from a level 6 or 7 programme is certainly a useful option. Level 6 and 7 courses often have lower points and entry requirements than the level 8 option for the same course. The initial commitment is reduced, allowing for flexibility, but applicants can choose to progress to the level 8 degree along with their classmates if they so wish. Graduates of a level 6 or 7 programme can also return to complete the level 8 degree at a later stage. The following graphic illustrates progression routes for undergraduate programmes, whether you are entering via leaving cert, from Higher Education or you are a mature student.

Level 6 Higher Certificate	Level 7 Ordinary Bachelor Degree	Level 8 Honours Bachelor Degree
Year 1	Year 1	Year 1
Year 2	Year 2	Year 2
→ Year 3	Year 3	Year 3
	→ Year 4	Year 4

Fees

Táillí

Rules on fees and grants are subject to change. Please check the websites of the HEA and SUSI for the most up-to-date information on the criteria for determining liability for fees and/or eligibility for grants. See

→ www.hea.ie

→ www.susi.ie

Applicants from Northern Ireland can secure support to cover costs. Contact the Local Education and Library Board or visit these websites for more information:

→ www.slc.co.uk or

→ www.studentfinanceni.co.uk

The maximum duration of funding is normally four years. Continued payment of the grant is subject to satisfactory attendance, performance and progression. Therefore, if you don't progress, as well as becoming liable for repeat fees, you will usually lose any grant to which you were formerly entitled. The grant authority may waive this in exceptional circumstances - such as certified serious illness.

Application Procedures

Nosanna Imeachta Iarratais

ATU offer programmes leading to awards at Levels 6 to 10 of the National Framework of Qualifications.

Undergraduate Awards

Level 6	Higher Certificate
Level 7	Ordinary Bachelor Degree
Level 8	Honours Bachelor Degree

Postgraduate Awards

Level 9	Master's Degree
Level 10	Doctoral Degree

Most undergraduate applicants enter first year via the CAO. ATU provides a 'ladder of opportunity'. When you achieve an award at one level, you can progress to a related programme at the next level, either at ATU or at another university.

How to Apply

Conas Iarratas a Dhéanamh

Applications for entry to ATU's first-year full-time undergraduate programmes, at Levels 6-8, are made through the Central Applications Office (CAO). Applications open during November for programmes starting in September of the following year. Detailed information on how to apply via CAO is available at **www.cao.ie**

Applicants for advanced entry, i.e. to year 2 or higher of an undergraduate programme, or for post-graduate programmes, must apply directly to ATU. If you wish to apply for advanced entry you must have already achieved sufficient higher education credits in a related area.

Key CAO Dates

Dátaí Tábhachtacha don CAO

5th November @ 12:00 noon	CAO application season opens
20th January @ 5:00 pm	Deadline for online discounted applications
1st February @ 5:00 pm	Deadline for on-time Applications and for Restricted Programmes
5th March @ 5:00 pm	CAO Re-opens for late applications
1st May @ 5:00 pm	Deadline for Late applications
5th May @ 12:00 noon - 1st July @ 5:00 pm	Change of Mind Period

There are five main application types:

1. Application based on the Irish Leaving Certificate

2. FETAC and QQI applicants

3. School leavers from EU/EEA countries and from UK/NI

4. Mature Applicants

5. International Applicants from outside the EU/EEA

The entry requirements vary depending on the type of applicant you are and the level of the programme for which you apply. There are some entry requirements that apply across all, or most, programmes. For instance, you will always need to present either Irish or English. For most programmes, you will also need to present maths. The more common minimum requirements are listed below. However, requirements can vary from programme to programme. Please pay close attention to the specific requirements listed on individual programme description pages. Contact Admissions if you are in any doubt.

1. Irish Leaving Certificate - Minimum Entry Requirements

Ardteistiméireacht na hÉireann - Bunriachtanais Iontrála

Higher Certificate (Level 6) and Ordinary Degree (Level 7)

→ 5 Leaving Cert. subjects @ grade O6/H7 or better

→ Subjects must include either English or Irish.

→ Minimum points score of 160 points

→ Mathematics is a required subject in most cases. However, there are a few programmes for which Mathematics is not an entry requirement and some programmes where a higher grade in maths is required. It is important to check individual programme descriptors.

Honours Degree (Level 8)

→ 6 leaving Certificate subjects

→ A minimum of two subjects at grade H5 or better

→ Remaining subjects at grade O6/H7 or better

→ Subjects must include either English or Irish.

→ Mathematics is a required subject in most cases. However, there are a few programmes for which Mathematics is not an entry requirement and some where a higher grade in maths is required. It is important to check individual programme descriptors.

Irish Leaving Certificate Grades and associated Points

The Leaving Cert grading system changed in 2017; for those presenting Leaving Certs from 2016 or earlier the equivalent minimum grades are:

2017 Onward	2016 and Earlier
O6/H7	OD3
H5	HC3

Information on the common points scale can be found via the Student Resources section of the CAO website here **www.cao.ie**

A Calculator Tool that can be used to work out points based on Leaving Certificate results is also available via the Student resources section of the CAO website, **www.cao.ie**

English/Irish

You will need O6/H7 or better in either English or Irish in the Irish Leaving Certificate (or equivalent) for all programmes.

If English/Irish is not your first language you will also need an internationally recognised qualification in English, e.g. IELTS Level 6 or similar. ATU may test oral English ability and/or require applicants to provide TSE scores. Registration may be refused or rescinded if the required standard is not met.

Results from Bunleibhéal Gaeilge do not meet the entry requirements.

Maths

Maths with a minimum grade of O6/H7 or F2 is the minimum requirement for most programmes. However, there are some programmes for which maths is not required and others (typically engineering /computing programmes) for which foundation maths may not be sufficient or for which the minimum grade required is higher, e.g. H5 or better. Please check individual programme descriptors carefully for details of the maths requirement specific to each programme.

Foundation Maths

Foundation maths at and above grade F2 (80%) is accepted as meeting the maths requirement for most, but not all, programmes. Typically, foundation maths is not accepted for our engineering, education or nursing programmes. Nor is foundation maths accepted for some ab initio level 8 programmes. Please check individual programme descriptors to see the minimum maths requirement.

Where accepted, points for qualifying Foundation Maths are:

FI	20 points
F2	12 points

Bonus points for Honours Maths

Students who achieve grade H6 or better in the Higher (Honours) maths exam will receive 25 additional points. Bonus points will also apply to Honours maths results from previous years. For maths results from 2016 and earlier, applicants will need to have achieved a grade of HD3 or better to qualify for bonus points.

Qualifying Maths Programmes

ATU run qualifying maths programmes for applicants who are otherwise eligible but who do not meet the maths requirement for the programme to which they have applied. These qualifying maths programmes are usually held after the Leaving Certificate results become available. Please see the ATU website for details of times and locations.

Passing a qualifying maths programme at ATU will compensate for failure to matriculate in maths via the Leaving Cert. or equivalent school-leaving exam. Passing a qualifying maths course will not compensate for any other deficit in the entry requirements.

In all cases applicants must meet the other minimum entry requirements and the current points for the programme they wish to attend.

2. QQI Level 5/6 (FETAC)

QQI Leibhéal 5/6 (FETAC)

Applicants must present a full major award at Level 5 or higher. A record achievement, a minor award or a component award will not meet the minimum entry requirement. You must have at least 120 QQI FET credits to matriculate.

Additional specific requirements apply to some programmes. For most ATU programmes we accept any QQI Level 5 award. However, for some ATU programmes, e.g. Nursing, specific QQI awards are required. For other ATU programmes you will be expected to include a specific module within your FE award – most commonly a maths module, or to have passed Maths in the Leaving Cert. For Level 8 programmes you will normally be required to have achieved at least 3 distinctions, though 5 distinctions are required for nursing programmes.

Please consult the Applicants section of the CAO website for listings of QQI/FE requirements for individual ATU programme codes, **www.cao.ie**

Details of the Scoring Scheme for QQI awards can also be found via the Applicants section of the CAO website, **www.cao.ie**

Note that points based on QQI/FET results will be used when assigning places for the vocational quota only. Most offers for the vocational quota issue on Round Zero. If the vocational quota for any programme remains unfilled after Round Zero additional offers for this quota may be made in subsequent rounds.

Applicants with QQI awards at Level 6 or higher may be considered for advanced entry, i.e. into Year 2 in a cognate area. Apply directly to ATU if you wish to be considered for advanced entry.

3. UK and Northern Ireland Applicants

Iarrthóirí ón Ríocht Aontaithe agus Ó Thuaisceart Éirinn

An award at Level 3 on the UK framework is the minimum entry standard for year one.

Standard UK/NI applicants

Standard applicants are those presenting a combination of GCSE/GCE awards only. This is the most clear-cut entry pathway. The more common entry requirements are outlined below but it is necessary to consult individual programme description pages for full details.

English (or Irish) is always a required subject. The minimum acceptable grade is GCSE grade C.

Mathematics is almost always required. Where required, the minimum acceptable grade is usually GCSE grade C, but a higher grade may be specified for some programmes, especially in engineering/computing.

Other - Additional subject requirements may apply to some programmes. Where specific other subjects are required the minimum acceptable grade, GCSE @ C or higher. For instance,

→ Art may be required for some Design programmes

→ A laboratory Science is required for Nursing and several science-based programmes.

For ATU Level 6 or Level 7 programmes you will need:

→ Five different recognised GCSE/GCE subjects.

→ These must include at least one GCE A-Level at grade E or better.

→ The remaining four may be drawn from GCSE (Grades A-C only) or AS grades A-E.

→ Your subject must include either English or Irish - minimum acceptable grade, GCSE at C or higher.

→ In most cases you will be required to present maths, where required, the minimum acceptable grade is usually GCSE grade C, but a higher grade may be specified for some programmes, especially in engineering/computing.

→ Where specific other subjects are required the minimum acceptable grade, GCSE at C or higher.

For ATU Level 8 ab initio programmes you will need:

→ Six different recognised GCSE/GCE subjects.

→ These must include at least two GCE A-Levels at grade C or higher.

→ The remaining 4 can be drawn from GCSE (Grades A-C only), or from A-Levels or AS grades A-E

Applied A-Level subjects may be used to meet the minimum requirements.

It is possible to meet the minimum requirements through a combination of exams taken over more than one year.

Meeting the minimum requirements outlined may not be sufficient to guarantee selection. Entry is competitive and ranking is based on points. Points are derived from GCE A-Level grades. The better your GCE results the better your chance of selection.

Basis for scoring/ranking UK/NI Awards

Selection is a two-step process. First, you must matriculate or meet the minimum requirements outlined for the programme. Only then will we move to step 2, the calculation of points. GCSEs count toward matriculation but are not awarded any points. Centralised and automated scoring via CAO is based on A-levels and (where applicable) AS-level results only.

See **www.cao.ie** for details of the scoring mechanism.

Important information

→ CAO can generally get current year results directly from Exam Boards, provided you have given them appropriate information about your exam centre, exam number, etc.

→ If you wish to have GCE/ GCSE (or other UK Level 3 awards) from previous years considered, you must supply CAO with evidence. Certified photocopies of Awards or statements of results - as produced by an Examining Board - should be supplied to CAO. A certified photocopy is one that has been signed by your school or by a notary public as a true and unaltered copy of the original.

→ It is important to submit supporting documentation on time. Normally, supporting documentation is expected to reach CAO within 10 days of applying.

→ If you supply late documentation you should alert the ATU Admissions office to make sure that it is not overlooked. The final deadline for submission of supporting documents is 12 days before the issue date for any round of offers. Documents submitted after this deadline will be considered on the next available round, provided places are still available.

Non-standard UK/NI Applicants

Awards other than GCE/GCSE combination are regarded as non-standard and are not included in CAO centralised automated processing. If you are including UK awards other than the standard GCE/GCSE combination as part of your application, you will need to submit supporting documents. Details of the alternate qualification(s) should be supplied to CAO (if applying for entry to the first year) or directly to ATU (if applying for advanced entry, i.e. entry to years 2, 3, or 4).

Whether or not a non-standard award will be recognised, and to what degree, will depend on the framework level, the learning outcomes achieved, and how those learning outcomes fit in with the pre-requisites of the programme for which application is being made.

ATU will consider awards at UK Framework Level 3 or higher, including BTECs, AVCs, GNVQs, etc.

Please attach the following for any non-standard awards you may be presenting at UK Level 3 or higher

1. The Award Certificate

2. A transcript of results - showing subject is taken and grades achieved

3. A copy of the syllabus or the programme schedule showing modules are taken, credits that apply, and expected learning outcomes.

With the exception of GCSE certificates at grade C or higher, awards below UK framework Level 3 do not contribute to matriculation and will be disregarded.

CAO points are assigned to the exam grades presented by candidates who meet the minimum entry requirements. Below is our points scoring system:

First 3 A-Levels	AS Levels (and 4th A-level where presented)
185	74
156	62
131	52
106	42
84	34
63	25

Please Note:

A-Level scoring will be revised for 2025 entry through the CAO. For more information please visit **www.cao.ie** or email **admissions@atu.ie**

BTECs – Matriculation

BTEC Award Titles	BTEC Award Titles	Generally, Meets Matriculation for	Other
Subsidiary Diploma		Level 6/7 only	For some high–demand programmes there is a very limited quota of places for those presenting vocational awards, such as BTEC or QQI Level 5 awards from ROI
90 Credit Diploma			
Diploma	Certificate (pre-2010)	All L6 /L7/L8 Programmes, however conditions or restrictions or limited vocational quotas may apply for high-demand programmes	
Extended Diploma	Diploma (2010)		

BTEC Scoring

Extended Diploma	Diploma	90 Credit Diploma	Subsidiary Diploma	Points
D*D*D*				390
D*D*D				371
D*DD				351
DDD				332
DDM				293
DMM	D*D*			254
	D*D			234
MMM	DD			215
		D*D*		185
MMP	DM	D*D		176
		DD		156
MPP	MM	DM		137
			D*	117
PPP	MP	MM	D	98
		MP		78
	PP		M	59

For pre-2010 BTECs a National Certificate is the lowest acceptable award. Each module is scored, pass 1, merit 2, and distinction 3. The total score is then derived using the following formula (sum of scores/number of modules x 3) x 390.

Advanced Entry, HND and other UK level 4 awards

Applicants presenting any award at Level 4 or higher on the UK framework may be considered for Advanced Entry into a cognate area. Applicants for Advanced Entry should apply directly to ATU and not via the CAO. Applicants should use the ATU Direct Entry Applications Portal.

→ Please include with your ATU application form details of both your Level 4 syllabus – e.g. HND or other and of your results.

Our ability to accommodate advanced entry applicants will depend on several factors including:

→ Available vacancies in the advanced class group

→ The "fit" between the learning outcomes you have already achieved and the programme for which you are applying

→ Whether or not it will be possible to make up any deficit, or missed element, including any placement requirements, etc.

Every case is different. First offers for advanced entry are normally issued in late July. However, as we sometimes need to await the outcome of autumn exams to resolve any space issues, offers may issue as late as September.

Since advanced entry is not guaranteed, some advanced entry applicants may decide, as a fall-back position, to also apply for first-year via the CAO. This is permissible. Whether you apply directly to ATU and/ or via the CAO it is important to include all relevant supporting documents.

4. Mature Students
Mic Léinn Lánfhásta

If you are applying for Year 1 and will be 23 years of age (or older) by 1st January in the proposed year of entry you are defined as a "Mature Applicant". For more information, please visit **www.cao.ie/mature**

All mature applicants will be assessed on previous qualifications and their personal statements. For high demand programmes, applicants will be ranked in order of merit or called for interview. Mature applicants applying for nursing will be selected on the basis of an external test organised by the Nursing Board. Please check individual programme descriptions for more information.

5. International Applicants
Iarrthóirí Idirnáisiúnta

ATU is a multicultural university with over 90 nationalities represented in the student population. ATU has participated in the Erasmus+ programme for over 25 years. The majority of our incoming Erasmus+ exchange students come from Germany, France, Spain and Austria. The majority of our non-EU students come from India, Malaysia, Oman, the USA, Canada and China.

Entry based on Exams from within the EU/ EFTA

For year 1 entry we look for school-leaving awards that are approximately equivalent to the Irish Leaving Certificate or NFQ Level 5 awards. Acceptable exams are normally State/National exams taken at the end of the upper cycle at second level. For exams from the EU/EFTA please see the guidelines posted on applicant section of the CAO website. Go to Applicant Scoring, then Entry Requirements Criteria for EU/EFTA applicants, **www.cao.ie**

For Erasmus+ partners and students please use the following contact details:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	erasmus.donegal@atu.ie	+353 74 918 6063
Galway and Mayo	erasmus.galwaymayo@atu.ie	+353 91-753161 (Ext: 2253)
Sligo	erasmus.sligo@atu.ie	+353 71 9137298
St Angelas	international.stangelas@atu.ie	+353 71 91 35623 +353 86 0324238 (WhatsApp mobile)
Information for international applicants:		www.atu.ie/international www.stangelas.ie/international

Entry based on exams from outside the EU/EFTA

International Applicants who are presenting exams from outside the EU/EFTA area as a basis for entry must apply directly to the International office at the relevant ATU campus and not via the CAO. To apply to study in ATU as an exchange or non-EU international student, please see **www.atu.ie/international**. The relevant contacts are as follows:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	international.donegal@atu.ie	+353 74 918 6068
Galway and Mayo	international.galwaymayo@atu.ie	+353879669196 (WhatsApp, mobile)
Sligo	international.sligo@atu.ie	+353 91 753161 (Ext: 2349)
St Angelas	international.stangelas@atu.ie	+353 71 91 35623 +353 86 0324238 (WhatsApp, mobile)
Information for international applicants:		www.atu.ie/international www.stangelas.ie/international

HEAR/DARE

ATU participates in the HEAR and DARE access schemes that target applicants from groups who are currently under-represented in Higher Education. The schemes facilitate flexibility on points and provide specific post-entry supports for eligible applicants. Please see **www.accesscollege.ie** for details of these schemes.

Important Notes

Being eligible for HEAR /DARE does not, necessarily, guarantee selection. There is a limited quota of HEAR/DARE places available. If there are more eligible HEAR/DARE applicants than there are quota places available, ATU will prioritise applicants who are eligible for both the DARE and HEAR entry routes and who have met all the criteria for the schemes.

Additional places may be offered to applicants coming through the supplementary access route and place may be filled outside the normal CAO process.

The maximum allowance on points for eligible HEAR/DARE applicants is 50 points below the standard cut-off. However, no applicants will be admitted with fewer than 160 points. Please note that some programmes require Garda vetting and professional fitness to practice policies may apply.

Post Entry Supports

A wide range of supports is available to HEAR/DARE applicants when they start their programme. These are based on needs assessment and may include:

→ dedicated orientation sessions

→ small group tuition and workshops

→ reading/writing/referencing skills

→ maths support

→ library orientation and library skills tuition

→ revision techniques

→ exam preparation

→ special accommodations during exams

→ access to assistive technologies

→ money management skills training

→ peer mentoring

Recognition Of Prior Learning (RPL)

Aitheantas Réamhfhoghlama

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. It is a means by which prior learning is formally identified, assessed and acknowledged.

RPL involves awarding the applicant recognition in the form of initial or advanced admission to a programme, credits within a programme, exemption(s) from element(s) of a programme, or a full award. The prior learning can be certified or experiential (non-certified).

Prior Certified Learning is learning that has already been accredited by an awarding body such as Quality and Qualifications Ireland (QQI) or other state-recognised universities, colleges/institutes. Prior certified learning can also include qualifications achieved abroad.

Prior Experiential Learning involves the awarding of credit for learning from experience. Often, this is learning that is unintentional, taking place through life and work experience.

For further information, please contact an RPL Co-Ordinator at the relevant campus:

ATU Donegal:	christine.mccabe@atu.ie
ATU Galway:	olive.kelly@atu.ie
ATU Sligo:	myra.feely@atu.ie

Applicants For Advanced Entry Years 2, 3, 4 And 5

Iarrthóirí D'iontráil Ag Céim Chun Cinn Blianta 2, 3, 4 agus 5

Who is eligible for advanced entry?

If you have successfully completed a relevant further or higher education programme, to a suitable level, you are eligible to be considered for advanced entry. If your education ended at the second level, you are not eligible for advanced entry.

Standard advanced entry

Standard applicants for advanced entry will have successfully completed a directly related programme at the preceding level on the National Framework of Qualifications. For instance, if you have successfully completed a three-year Level 7 ordinary degree, you may be eligible to enter year four of a related Level 8 honours degree programme.

Non-standard and non-EU advanced entry

Non-standard applicants are those presenting foreign qualifications or any qualification other than a directly related award from the Irish National Framework of Qualifications.

→ You must have successfully completed at least 1 year of a relevant award at Level 6 or higher on the Irish NFQ or equivalent.

→ Your previous study/qualification must be in a similar area to the programme for which you are applying.

→ The learning outcomes achieved in the external programme must be similar to the learning outcomes achieved by internal students entering by standard progression from an ATU programme.

Offers and exemptions, if any, will depend on how well the learning outcomes of the non-standard programme fit with the requirements of the ATU programme to which you are applying. This will be usually assessed from details in the supporting documentation you supply. However, ATU reserves the right to interview or otherwise assess non-standard applicants if necessary.

How do I apply for advanced entry?

Advanced Entry applications should be made directly to ATU. Direct entry contacts for each campus are listed below.

What documentation do I need to submit?

1. ATU Direct Entry Applications Portal, correctly completed.

2. Certified copies of relevant higher education awards and/or examination transcripts in the original language.

3. For awards that are not on the Irish Framework of Qualifications, submit copies of the syllabus leading to those awards.

4. Notarised translations for any documents that are not in English.

In the absence of appropriate documents and translations, it will not be possible to process an application. We are not responsible for any original certification submitted and do not return documents.

Donegal	(074) 918 6125	admissions.donegal@atu.ie
Galway and Mayo	(091) 742 140	admissions.galwaymayo@atu.ie
Sligo	(071) 931 8510	admissions.sligo@atu.ie
St Angelas	(071) 917 9621	admissions.stangelas@atu.ie

When will I know if my advanced entry application has been successful?

All successful applicants will be notified by email. For programmes where the academic year begins in September, first-round offers generally issue during July. However, offers may issue at an earlier date if the programme has an earlier start date or if we are in a position to complete an assessment at an earlier point. If all first-round offers are not taken up, there may be further rounds of offers in subsequent months.

You must respond to the offer appropriately and on time. If you fail to do this unfortunately your offer will expire and the place may be offered to someone on the waiting list.

Disclaimer

We have taken great care in compiling the information contained in this 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. We recommend that you check the ATU website www.atu.ie for the most up-to-date information before making an application.

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For queries contact **marketing@atu.ie**

Contact ATU

ATU Galway City

T: +353 (0)91 753161 (Dublin Road Campus)
T: +353 (0)91 770661 (Wellpark Road Campus)
E: admissions.galwaymayo@atu.ie

ATU Connemara

T: +353 (0)91 74 2650
E: admissions.galwaymayo@atu.ie

ATU Mayo

T: +353 (0)94 90 25700
E: admissions.galwaymayo@atu.ie

ATU Mountbellew

T: +353 (0)90 96 79205
E: admissions.galwaymayo@atu.ie

ATU Donegal Letterkenny

T: +353 (0)74 91 86000
E: admissions.donegal@atu.ie

ATU Donegal Killybegs

T: +353 (0)74 91 86600
E: admissions.donegal@atu.ie

ATU Sligo

T: +353 (0)71 91 55222
E: admissions.sligo@atu.ie

ATU St Angelas

T: +353 (0)71 91 43580
E: admissions.stangelas@atu.ie

Notes

Notes

Find Out More
Tuilleadh eolais

Whether you want to attend an open day, take a campus tour or talk with a member of our team, there are lots of ways we can help you get all the information you need.

Open Days and Events

There is nothing quite like spending a day experiencing university life before you even get started. Open days are a great way to meet lecturers, staff and current students.

Location	Date	Time
ATU Galway City		
Creative Pathways Open Day (Wellpark Rd campus)	Tuesday 22nd October 2024	10am - 2pm
Open Day (Dublin Rd campus)	Saturday 30th November 2024	10am - 1pm
Open Evening (Dublin Rd campus)	Thursday 23rd January 2025	6pm - 8pm
Open Day (Dublin Rd & Wellpark Rd campuses)	Saturday 5th April 2025	10am - 1pm
ATU Mayo		
Open Day	Wednesday 16th October 2024	10am - 1pm
Open Day	Wednesday 12th March 2025	10am - 1pm
ATU Connemara		
Open Day	Friday 15th November 2024	11am - 1pm
Open Day	Saturday 29th March 2025	11am - 1pm
ATU Mountbellew		
Open Day	Wednesday 2nd October 2024	10am - 12.30pm
Open Day	Wednesday 5th March 2025	10am - 12.30pm
ATU Donegal		
Open Day	Thursday 14th November 2024	9.30am - 2pm
Open Evening	Wednesday 22nd January 2025	4pm - 7pm
Open Day	Saturday 1st March 2025	10am - 1pm
Open Evening	Thursday 1st May 2025	4pm - 7pm
ATU Sligo and ATU St Angelas		
Open Day	Friday 8th November 2024	10am - 1pm
Open Day	Saturday 9th November 2024	10am - 1pm
Open Evening	Thursday 30th January 2025	6pm - 8pm
Open Day	Saturday 10th May 2025	10am - 1pm
ATU St Angelas		
Open Day	Thursday 24th October 2024	10am - 1pm

Contact Us
Déan teagmháil linn

Our experienced team are here to support students, parents, guardians, teachers and guidance counsellors. They can answer questions on programmes, accommodation, entry requirements, pathways and lots more. The team will also work with schools to arrange visits, talks, career events, subject-specific workshops, taster days and much more.

Fiona Kelly
Marketing Manager

Atlantic Technological University (All Campuses)

Email: fiona.kelly@atu.ie
T: 091 74 2390
M: 086 338 0963

Victoria Wilson
Schools Engagement Officer

Atlantic Technological University (Donegal Campuses)

Email: victoria.wilson@atu.ie
T: 074 91 86104
M: 086 204 2587

Jacqueline Mellett
Schools Liaison Officer

Atlantic Technological University (Sligo Campus)

Email: jacqueline.mellett@atu.ie
T: 071 93 05982
M: 087 930 0057

Micheál Dowdican
Schools Liaison Officer

Atlantic Technological University (Sligo Campus)

Email: micheal.dowdican@atu.ie
T: 071 93 05981
M: 086 898 4086

Seán Kelly
Schools Liaison Officer

Atlantic Technological University (St Angela's Campus)

Email: sean.p.kelly@atu.ie
T: 071 91 79612
M: 087 928 0852

Christina Cuffe
Schools Engagement Officer for Northern Ireland

ATU (All Campuses)

Email: christina.cuffe@atu.ie
T: +353 (0) 74 91 86108
M: +353 (0) 86 204 2588

Connect with us Online

For the most up to date CAO information please go to **www.atu.ie/CAO** and follow **ATU** on social media

Campus Tours

If you can't make one of our open days or scheduled events, you can contact a member of our team to book a campus tour. We offer campus tours throughout the year. A campus tour is ideal for students who are considering studying at ATU. Family and friends are also encouraged to come along on the tour.

Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University

ATU Donegal Letterkenny

ATU Donegal Killybegs

ATU Sligo

ATU St Angelas

ATU Mayo

ATU Connemara

ATU Mountbellew

ATU Galway City