

# Atlantic Technological University

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Prospectus

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Your  
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is here

 ATU



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# Programmes List

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## GALWAY CITY

### Business

AU601	Business	8	288	51
AU501	Business	7	252	51
AU401	Business	6	172	51
AU600	Accounting	8	311	53
AU607	Digital Accounting	8	NEW	54
AU602	Business Information Systems	8	300	55
AU502	Business Information Systems	7	250	55
AU605	Entrepreneurship	8	280	56
AU505	Entrepreneurship	7	280	56
AU604	Finance and Economics	8	317	58
AU603	Marketing and Sales	8	300	59
AU503	Marketing and Sales	7	275	59

### Tourism, Hospitality and Heritage

AU631	Gastronomy Science and Food Innovation	8	235	61
AU531	Gastronomy Science and Food Innovation	7	171	61
AU429	Culinary Arts Professional Chef Programme	6	189	63
AU628	International Tourism Management	8	271	64
AU528	International Tourism Management	7	191	64
AU426	Tourism	6	226	65
AU629	Event Management with Public Relations	8	227	67
AU529	Event Management with Public Relations	7	215	67
AU427	Event Operations with Public Relations	6	NEW	68
AU625	Heritage	8	272	69
AU525	Heritage	7	255	69
AU425	Heritage	6	298	70
AU630	International Hotel and Hospitality Management	8	228	71
AU530	International Hotel and Hospitality Management	7	161	71
AU428	Hotel and Hospitality Operations	6	170	72

### Engineering

AU637	Architectural Technology	8	308	73
AU537	Architectural Technology	7	267	73
AU638	Civil Engineering	8	400	75
AU538	Civil Engineering	7	327	75
AU635	Construction Management	8	326	77

**CAO Code Programme Title Level Points Page**

## GALWAY CITY

AU535	Construction Management	7	255	77
AU636	Quantity Surveying and Construction Economics	8	346	78
AU536	Quantity Surveying and Construction Economics	7	251	78
AU642	Software and Electronic Engineering	8	307	79
AU542	Software and Electronic Engineering	7	235	79
AU649	Engineering	8	445	81
AU549	Engineering	7	347	81
AU648	Agricultural Engineering	8	305	82
AU548	Agricultural Engineering	7	290	82
AU647	Biomedical Engineering	8	370	83
AU547	Biomedical Engineering	7	330	83
AU646	Energy Engineering	8	329	84
AU546	Energy Engineering	7	310	84
AU650	Manufacturing Engineering Design	8	336	85
AU550	Manufacturing Engineering Design	7	308	85
AU645	Mechanical Engineering	8	410	86
AU545	Mechanical Engineering	7	302	86

### Science and Computing

AU656	Science (Undenominated)	8	445	87
AU556	Science (Undenominated)	7	300	87
AU670	Applied Biology and Biopharmaceutical Science	8	420	88
AU569	Applied Biology and Biopharmaceutical Science	7	320	88
AU655	Applied Freshwater and Marine Biology	8	383	90
AU555	Applied Freshwater and Marine Biology	7	300	90
AU668	Chemical and Pharmaceutical Science	8	378	91
AU568	Chemical and Pharmaceutical Science	7	322	91
AU675	Physics and Instrumentation	8	308	92
AU575	Physics and Instrumentation	7	376	92
AU669	Forensic Science and Analysis	8	401	93
AU671	Medical Science	8	521	94
AU663	Public Health Nutrition	8	391	95
AU662	Sport and Exercise Science	8	366	97
AU664	Sports Coaching	8	307	98
AU677	Computing and Digital Media	8	290	99
AU577	Computing and Digital Media	7	243	99
AU676	Computing in Software Development	8	350	100
AU576	Computing in Software Development	7	300	100

**CAO Code Programme Title Level Points Page**

## GALWAY CITY

### Design, Creative Arts and Teacher Education

AU617	Animation and Game Design	8	330	101
AU618	Art	8	833	102
AU518	Art	7	369	102
AU615	Film and Documentary	8	330	103
AU616	Creative Media and Storytelling	8	NEW	104
AU620	Art and Design and Communication Graphics	8	400	105
AU519	Design (Common Entry)	7	270	107
AU624	Product Design	8	NEW	108
AU622	Interior Design	8	NEW	109
AU623	Graphic Design and Illustration	8	NEW	110
AU621	Textile and Fashion Design	8	NEW	111

## CONNEMARA

### Furniture Design, Technology and Teacher Education

AU683	Furniture Design, Making and Technology (Common Entry)	8	389	115
AU583	Furniture Design, Making and Technology (Common Entry)	7	379	115
AU681	Furniture Design and Manufacture	8	360	116
AU682	Furniture Making and Architectural Woodworking	8	361	117
AU680	Education (Design Graphics and Construction)	8	400	119

## MAYO

### Health Sciences, Wellbeing and Society

AU696	Applied Social Care	8	261	123
AU593	Applied Social Care	7	242	123
AU694	History and Geography	8	247	124
AU591	History and Geography	7	258	124
AU699	Outdoor and Environmental Education (Common Entry)	8	NEW	125
AU590	Outdoor Education	7	162	126
AU693	Geography and Outdoor Education	8	271	127
AU690	General Nursing	8	412	129
AU691	Psychiatric Nursing	8	371	130
AU698	Psychology	8	NEW	131
AU695	Early Childhood Education and Care	8	271	132
AU491	Early Childhood Education and Care	6	213	133

**CAO Code Programme Title Level Points Page**

## MOUNTBELLEW

### Business, Engineering and Science

AU606	Rural Enterprise and Agri-Business	8	298	138
AU506	Rural Enterprise and Agri-Business	7	288	138
AU657	Agriculture and Environmental Management	8	360	139
AU557	Agriculture and Environmental Management	7	281	139

## DONEGAL LETTERKENNY

### Business

AU301	Business	8	307	143
AU300	Accounting	8	317	144
AU302	Marketing with Online Technologies	8	307	145
AU200	Business (Common Entry)	7	196	147
AU330	Design (Common Entry)	8	301	149
AU231	Animation	7	190	151
AU230	Film and Media Production	7	214	152
AU233	Graphic and UX Design	7	207	154
AU232	Fashion Design with Promotion	7	171	155
AU312	Communications with English	8	NEW	156
AU311	Corporate Law	8	NEW	157
AU310	LLB	8	304	158
AU210	Law with Criminal Justice	7	164	159
DIRECT	Preparatory Studies for Higher Education (Access Course)	6	DIRECT ENTRY	161
AU322	Hospitality Management	8	307	162
AU221	Tourism and Hospitality Operations	7	166	163
AU321	Athletic Therapy and Exercise Rehabilitation	8	302	166
AU320	Sport and Exercise (Common Entry)	8	307	167
AU222	Sports and Exercise	7	207	169

### Engineering and Technology

AU343	Architectural Technology	8	317	171
AU340	Fire Safety Engineering	8	308	172
AU342	Construction Management	8	307	173
AU242	Construction (Common Entry)	7	233	174
AU341	Quantity Surveying	8	300	176
AU240	Quantity Surveying	7	199	176
AU243	Building Engineering (Common Entry)	7	NEW	177
AU241	Civil Engineering	7	216	179
AU361	Computer Science	8	324	180
AU363	Computing in Data Science and Artificial Intelligence	8	NEW	181
AU362	CyberPsychology	8	327	182
AU360	Applied Computing	8	307	183



## Programmes List

CAO Code	Programme Title	Level	Points	Page
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### DONEGAL LETTERKENNY

AU260	Computer Games Development	7	170	184
AU262	Computing with Cybersecurity and Digital Forensics	7	169	186
AU261	Computing	7	227	187
AU350	Mechanical Engineering	8	307	188
AU251	Mechanical Engineering	7	176	188
AU253	Engineering (Common Entry)	7	NEW	189
AU252	Electric Vehicle Engineering	7	281	191

### Science and Health

AU390	Early Childhood Care, Health and Education	8	300	193
AU190	Early Childhood Care, Health and Education	6	161	193
AU391	Health and Social Care	8	281	195
AU290	Inclusive Practice for Special Needs Assistance	7	253	196
AU372	Bioanalytical Science	8	NEW	198
AU370	Food Science and Nutrition	8	NEW	199
AU373	Pharmaceutical and Medicinal Science	8	NEW	200
AU270	Science (Common Entry)	7	NEW	201
AU271	Veterinary Nursing	7	401	203
AU272	Agriculture	7	197	204
AU371	Agriculture (Common Entry)	8	300	205
AU173	Dental Nursing	6	216	208
AU172	Health Science with Dietetics Studies	6	347	209
AU171	Health Science with Occupational Therapy Studies	6	307	210
AU170	Health Science with Physiotherapy Studies	6	473	211
AU174	Pharmacy Technician	6	222	212
AU380	General Nursing	8	408	213
AU382	Intellectual Disability Nursing	8	266	214
AU381	Mental Health Nursing	8	308	215

### DONEGAL KILLYBEGS

AU220	Culinary Arts	7	171	164
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CAO Code	Programme Title	Level	Points	Page
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### SLIGO

#### Business and Social Sciences

AU900	Business	8	270	219
AU800	Business	7	234	221
AU700	Business	6	181	221
AU901	Business and Information Communications Technology (ICT)	8	324	222
AU906	Business and Irish	8	NEW	223
AU906	Ghnó agus Gaeilge	8	NUA	224
AU902	Accounting	8	313	225
AU904	Marketing	8	326	227
AU802	Marketing	7	258	227
AU903	Sport with Business	8	280	228
AU804	Applied Sport with Business	7	231	230
AU905	Tourism and Event Management	8	309	231
AU803	International Tourism and Event Management	7	234	232
AU915	Law and Business	8	300	233
AU916	Sociology and Politics	8	302	234
AU917	English and Psychology	8	328	235
AU918	Social Care Practice	8	302	236
AU919	Early Education and Care	8	307	237

#### Engineering and Design

AU940	Engineering (Common Entry)	8	381	239
AU830	Engineering (Common Entry)	7	262	241
AU715	Engineering (Common Entry)	6	213	241
AU941	Robotics and Automation	8	403	243
AU831	Mechatronic Engineering	7	301	245
AU943	Mechanical Engineering	8	404	246
AU833	Mechanical Engineering	7	236	248
AU834	Precision Engineering and Design	7	273	249
AU944	Civil Engineering	8	327	250
AU835	Civil Engineering	7	237	250
AU945	Quantity Surveying	8	307	251
AU836	Quantity Surveying	7	210	251
AU716	Construction Economics	6	318	253
AU946	Construction Project Management and Applied Technology	8	302	254
AU837	Advanced Wood and Sustainable Building Technology	7	211	255
AU717	Applied Construction Technology	6	164	256
AU955	Computing	8	341	257
AU845	Computing	7	328	257
AU725	Computing	6	251	257

CAO Code	Programme Title	Level	Points	Page
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### SLIGO

AU956	Computer Networks and Cyber Security	8	308	259
AU846	Computer Networks and Cyber Security	7	254	259
AU957	Software Development	8	300	260
AU847	Software Development	7	280	260
AU848	Games Development	7	259	261
AU927	Creative Design	8	325	262
AU821	Creative Design	7	274	262
AU925	Architecture	8	420	263
AU926	Interior Architecture and Design	8	356	264
AU820	Interior Architecture and Design	7	225	266
AU928	Fine Art	8	398	267
AU822	Fine Art	7	373	267
AU931	Performing Arts	8	354	268
AU823	Performing Arts (Acting)	7	237	270
AU824	Performing Arts (Theatre Design)	7	246	271
AU929	Writing and Literature	8	308	272
AU930	Writing and Literature (Online)	8	424	272

### Science

AU965	Science (Common Entry)	8	320	273
AU730	Science (Common Entry)	6	224	273
AU966	Environmental Science with Ecology	8	339	276
AU855	Environmental Science with Ecology	7	287	276
AU967	Occupational Safety and Health	8	307	277
AU856	Occupational Safety and Health	7	252	277
AU968	Pharmaceutical Science with Drug Development	8	317	278
AU857	Pharmaceutical Science with Drug Development	7	256	278
AU969	Biomedical Science	8	302	279
AU858	Biomedical Science	7	244	279
AU970	Forensic Investigation and Analysis	8	328	281
AU859	Forensic Investigation and Analysis	7	241	281
AU971	Health Science and Physical Activity	8	327	282
AU861	Health Science and Physiology	7	291	284
AU732	Health and Exercise Science	6	327	285
AU973	Clinical Measurement Physiology	8	NEW	286
AU972	Human Nutrition	8	370	287
AU862	Human Nutrition	7	280	287

CAO Code	Programme Title	Level	Points	Page
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### ST ANGELA'S

#### Education, Home Economics, Food Business and Nursing

AU985	Home Economics and Biology	8	509	291
AU986	Home Economics and Religious Education	8	451	293
AU988	Home Economics	8	488	294
AU987	Home Economics and Irish	8	474	295
AU987	Eacnamaíocht Bhaile agus Gaeilge	8	474	296
AU989	Nutrition, Food and Business Management	8	300	298
AU990	Home Economics	8	408	299
AU991	General Nursing	8	400	300
AU992	Intellectual Disability Nursing	8	320	302





# Welcome from the President

## Fáilte ón Uachtarán

Welcome to Atlantic Technological University  
Fáilte!

I am delighted to welcome you to the 2024  
prospectus of Atlantic Technological University  
(ATU).

This prospectus will guide students, parents, and teachers through the wide range of programmes available in Atlantic TU, one of the largest multi-campus universities in Ireland.

We are very proud of our diverse range of programmes offered at our campuses in Connemara, Donegal, Galway City, Mayo, Mountbellew, and Sligo. Between our campuses, we offer 600 academic programmes from pre-degree to doctoral level to a population of 23,500+ learners.

We offer a rich combination of academic and research excellence, quality of life and opportunity – all of which can be experienced in the beautiful west and north-west region of Ireland. We deliver practice-orientated study, and research that seeks to address the major global challenges facing society.

If you join our ATU family, we will welcome you and provide all the guidance and support you need to fulfil your potential.

We are dedicated to enabling sustainable economic, social and cultural development; connected to and serving our region and with a mindset that reaches far beyond it.

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 23,500 learners, spanning more than 600 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
- **8** Campuses
- **600+** Programmes
- **8** Research Centres
- **5,000+** Graduates Annually
- **23,500+** Total Students
- **2,253** Total Staff

- 1** ATU Donegal Letterkenny
- 2** ATU Donegal Killybegs
- 3** ATU St Angela's
- 4** ATU Sligo
- 5** ATU Mayo
- 6** ATU Connemara
- 7** ATU Mountbellew
- 8** ATU Galway City







# 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 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](http://www.glasan.com)

### Ceann Bóirne

[www.ceannboirne.com](http://www.ceannboirne.com)

### Cúirt Na Rásai

[www.cuirtnarasai.com](http://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](http://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](http://www.letterfrackaccommodation.com) To find out about private rental and digs options, please contact the Students' Union at [www.atustudentpad.ie](http://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.

## 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](http://www.atustudentpad.ie) Contact details for Hawthorn Village, the purpose-built student accommodation, can be found at [www.hawthornvillage.ie](http://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 the newly opened 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 years three and four.**

## A Busy Town

With a population of almost one thousand, Mountbellew has several shops, small businesses, restaurants and coffee shops. Local pubs regularly host live music and entertainment, with a warm welcome ever-present. A Farmers Market takes place every Tuesday where visitors will find a range of produce which includes cheese, fruit, vegetables, wine, fresh fish and pastries. 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](mailto:mac@atu.ie) for available local listings or contact the Students' Union at [www.atustudentpad.ie](http://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. State-of-the-art 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.**

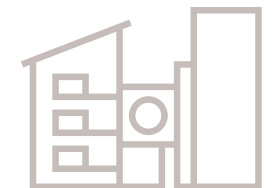
## ATU Donegal Letterkenny

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. This is perhaps the most scenic campus in Ireland, 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 regions 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.

## 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 student 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 Angela's

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.

## 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 Benbulbin 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 all meals are 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 and 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](http://www.gatewayapartments.ie)

**Gateway Apartments - Winters Property**  
[www.winterspm.com/gateway](http://www.winterspm.com/gateway)

**Ard Nua**  
[www.ardnua.com](http://www.ardnua.com)

**Uni Rooms @ Ard Nua**  
[www.unirooms.ie](http://www.unirooms.ie)

**Yeats Village**  
[www.yeatsvillage.net](http://www.yeatsvillage.net)

**Clarion Village**  
[www.thevillageclarion.com](http://www.thevillageclarion.com)

**The Grove Student Complex**  
[www.thegrovesligo.ie](http://www.thegrovesligo.ie)

**Lake Isle Luxury Apartments**  
[www.lila.ie](http://www.lila.ie)

**St. Angela's Lakeside Aparthotel**  
[www.sala.ie](http://www.sala.ie)

Visit [atussu.ie](http://atussu.ie) for the full list of accommodation options available







# Clubs and Societies

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

### Societies\*

- Ag Science
- Amination
- 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 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.

## Events and Campaigns\*

Below is an example of the types of events and campaigns 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

\*Events and campaigns 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. Elite level athletes are encouraged to apply for an ATU Sports Scholarship. You will represent ATU at a national or international level, whether that is individually or as part of a team. For more information or to apply for an ATU Sports Scholarship, please go to [atu.ie/sports-scholarships](https://www.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 to recognise their need to balance both sporting and academic commitments. Alongside financial support, our sport scholars have access to top class sports facilities and coaches, sports science supports, academic supports and receive ATU branded sports scholarship gear. 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](https://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](https://atu.ie/scholarships)

## Additional Scholarships and Bursaries\*

- [REACH Scholarship](#)
- [College of Sanctuary Scholarship](#)
- [GPA Postgraduate Scholarship](#)
- [Ireland Healthcare Scholarship Academic Scholarship](#)
- [Access Scholarship](#)
- [Mature Student Scholarship](#)
- [Special Sports and Cultural Achievement \(SSCA\) Scheme](#)
- [Non-EU Scholarship](#)
- [Sanctuary Scholarship](#)
- [President's Bursary Fund](#)

\*Scholarships and Bursaries available will vary across individual campuses







# Academic Supports

Tacaíochtaí Acadúla

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

## Learning Support

Our dedicated learning-support tutors help students who have dyslexia or other specific learning difficulties. Students have access to the latest assistive technology and can engage with a learning support tutor on a one-to-one or group basis. Reasonable accommodation at exams and liaising with relevant staff are other ways our learning-support tutors can help.

## Maths Support

Our innovative and friendly maths support centres offer the extra support that many students need. Services include consultations, tutorials, computer-based tutorials and access to relevant text materials. You can even 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 – generating ideas, drafting, revising and editing. Students can access these facilities on a one-to-one basis, as a small group or online.

## 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 First Five Weeks welcome programme ensures continued support into the academic year.

## Technology Support

Our 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.

## 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.







# Student Supports

**Tacaíochtaí do Mhic Léinn**

**Our student support teams help with any concerns or worries you may have in a confidential and sensitive manner. If it's important to you, it's important to us.**



## Access Office

Our access office provides a supportive learning environment to help students realise their educational potential, regardless of their background, age or health circumstances. Supports are personal, academic or financial in nature including a range of learning supports using modern assistive technology.

## HEAR and DARE

ATU participates in the HEAR (Higher Education Access Route) and DARE (Disability Access Route to Education) access schemes. These target applicants from groups who are under-represented in higher education. The schemes facilitate flexibility on points and offer additional supports to students throughout their studies. For more information, please go to page 318 of this prospectus.

## Disability Support

We are passionate about creating a university community which is accessible and inclusive to all. Our disability-support services provide an individual support plan tailored to the specific needs of the student. Engagement with other relevant staff ensures appropriate plans are in place to support students to reach their full potential.

## 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.

## 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.

## Chaplaincy

The chaplaincy service supports students in their personal and spiritual growth during their time at 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.







# 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 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 students can apply for up to 20 courses, 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 – 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 ATU 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 open all sorts of 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 available for mature students including The Back to Education Grant and The 1916 Bursary Fund, alongside Mature Student Scholarships. For more information, please email [admissions@atu.ie](mailto:admissions@atu.ie)

## 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 317.

# 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 313.

## Quotas

A quota of places in ATU programmes is 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 go to page 307.





# 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 2023 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 visit [www.susi.ie](http://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 visit [www.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

## Application Process

CAO applications open on November 6th. The application process is very straight forward with no personal statement required. For more information or to apply visit [www.cao.ie](http://www.cao.ie)

## Entry Requirements

To view our entry requirements and how the points system works, please go to page 314. Should you have any questions, please email [admissions@atu.ie](mailto: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 90 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 317 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.





# 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 student 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 312 or email [admissions@atu.ie](mailto:admissions@atu.ie)



Campus	Pages
ATU Galway City	49-112
ATU Connemara	113 - 120
ATU Mayo	121 - 134
ATU Mountbellew	135 - 140
ATU Donegal	141 - 216
ATU Sligo	217 - 288
ATU St Angela's	289 - 302





# ATU

# Galway City

OTA Cathair na Gaillimhe



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

### Locations

ATU Galway City is located on the east side of Galway city, with buildings on the Dublin Road and Wellpark Road. The Dublin Road building is one of Galway City's iconic landmarks, due to the three distinctive sail-shaped copper panels at the front of the main building. Here students can study programmes in business, science, computing, engineering, culinary arts, hospitality and tourism.

The building on Wellpark Road is a hive of creative activity and is home to several creative enterprises. Programmes are offered in animation and game design, art, education, creative media and storytelling, design, film and documentary.

### Facilities

Students have access to state-of-the-art lecture theatres, labs, machine halls, robotic labs, training kitchens, restaurants and bars. Our Wellpark Road building has specialised creative spaces which include edit suites, virtual production studio, art & design studios, several Mac and PC computer labs, animation studios, XR studio, recording studio, film studio, sculpture & ceramic workshops, drawing studios, textile workshops, prototyping workshops and digital fab-labs. Our award-winning libraries provide quiet study spaces, free Wi-Fi, computing and printing facilities. Located in our Dublin Road building, the IT Centre has 188 workstations, a fully equipped training room, a multimedia studio and technical support 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. 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 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 Studies, International Hotel and Hospitality Management, Event Management with Public Relations, Culinary Arts)
- **Creative Arts**  
(Film and Documentary)

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.



### Campus

- ATU Galway City, Dublin Road
- ATU Galway City, Dublin Road
- ATU Galway City, Dublin Road
- ATU Galway City, Dublin Road
- ATU Galway City, Wellpark Road

### Area of Study

- Business
- Culinary, Hospitality, Heritage, Event and Tourism
- Engineering
- Science & Computing
- Design, Creative Arts, Media and Teacher Education

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**AU601** | Level 8 | Bachelor of Business (Honours)

**AU501** | Level 7 | Bachelor of Business

**AU401** | Level 6 | Higher Certificate in Business

# Business

These programmes provide students with a broad-based education in business management. Students will study a variety of business management subjects and develop an understanding of the administrative economic, legal, and social environment within which businesses operate. Lectures assist students to develop strong interpersonal skills during their time in college.

These include working as part of a team, management and leadership skills. Students have the option to apply to this programme at Level 6, Level 7 or Level 8 and progress from each level. The fourth year of the Honours degree incorporates practical projects which are aimed at cultivating students' analytical, strategic, and critical thinking skills. This will prepare graduates to hit the ground running in today's fast-changing business environment.

Business is a great degree choice due to the exciting and varied career options available to graduates. 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.

[atu.ie/AU601](http://atu.ie/AU601)

[atu.ie/AU501](http://atu.ie/AU501)

[atu.ie/AU401](http://atu.ie/AU401)



2/3/4 Years



288 (Level 8 2022)  
252 (Level 7 2022)  
172 (Level 6 2022)



Minimum Entry Requirements



60 Places



Erasmus+



Dr Noel Harvey  
Programme Chair  
[noel.harvey@atu.ie](mailto:noel.harvey@atu.ie)

Deirdre Lusby  
Head of Department of Business and Accounting  
[deirdre.lusby@atu.ie](mailto:deirdre.lusby@atu.ie)

## Career Opportunities

These programmes prepare 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

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).

Upon successfully completing Year 3, students can then apply internally for Year 4, Bachelor of Business (Honours). ATU Honours (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.

## 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

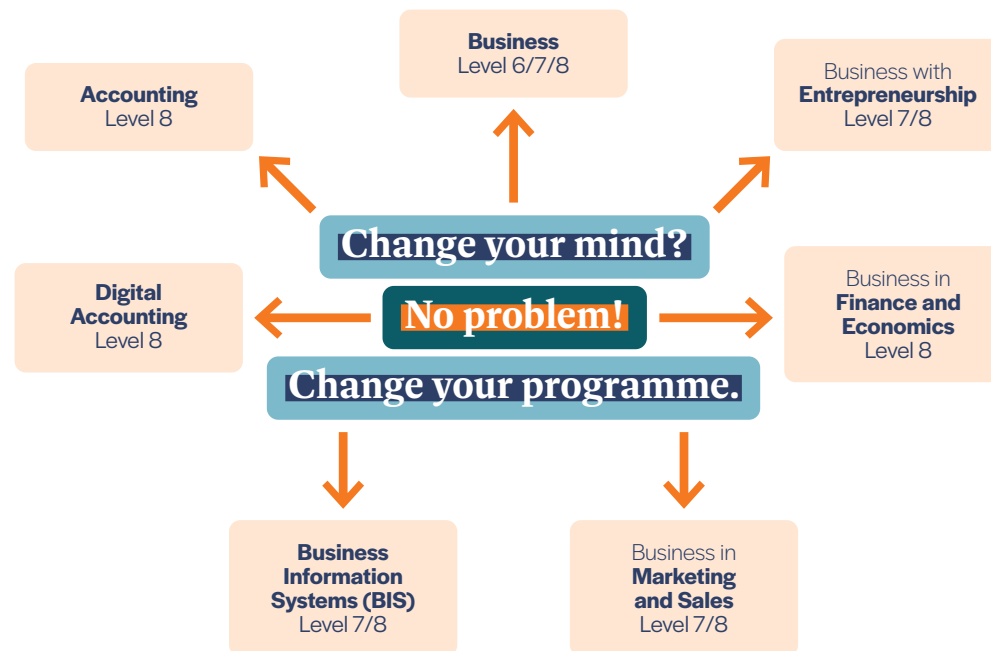
### Year 3 (Level 7)

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

### Year 4 (Level 8)

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

Additional elective modules are available



## Common Entry

At ATU Galway, students are invited to discover the areas of business they are good at and enjoy most during the first part of their degree at ATU Galway City Campus.

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.





AU600 | Level 8 | Bachelor of Business (Honours)

# Accounting

Accountants are required by every business, providing expert advice, and managing economic activities and financial information. This programme offers a direct pathway into a full-time career in professional accounting, while also providing opportunities in a range of business careers, including financial services and management consulting.

Programme lecturers are highly qualified professional accountants with considerable lecturing experience. A significant number of them are examiners for professional accounting bodies and lecture on a variety of professional accounting programmes. Atlantic Technological University maintains close links with all the professional bodies and industry. The programme is regularly updated in accordance with professional body and employer requirements.

atu.ie/AU600



3 Years



311 (Level 8 2022)



Minimum Entry Requirements



40 Places



Deirdre Lusby  
Head of Department of  
Business and Accounting  
deirdre.lusby@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.

## Did You Know?

This programme offers the most exemptions available from the professional accountancy bodies for an Irish undergraduate accountancy degree. With these extensive exemptions, it provides a faster path to becoming a qualified accountant. Ireland currently has over 1,000 job openings for accountants, and the demand for skilled accountants is projected to increase, ensuring excellent career prospects for graduates. An accounting qualification obtained from ATU Galway and as a professional accountant is internationally recognised, with the skills acquired being sought in Ireland and abroad.

## What will I study?

### Year 1

- Financial Accounting
- Management Accounting
- Principles of Economics
- Information Technology
- Business Mathematics
- Marketing for Accountants
- Academic and Professional Skills
- Management Principles and Business Environment

### 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 (Level 8)

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

Mandatory Modules Shown  
– Electives Available in Year 3

## Professional Accreditation



AU607 | Level 8 | Bachelor of Science (Honours)

# Digital Accounting

This four-year Level 8 programme offers a direct pathway into a full-time career in accounting, decision making, systems accounting, digital auditing, process design, business and data analytics, blockchain, system analysis, programme development and application support. This programme is new, future proofed and the leader in this emerging area. The Bachelor of Science (Honours) in Digital Accounting will develop accounting graduates with traditional accounting competencies combined with applied digital technology skills, to ensure graduates have the required skillset to operate in the current and future business environment. The programme, which includes a work placement, gives graduates the knowledge, skills and competencies identified as critical and in short supply. Lecturers on this programme are highly qualified professional accountants and digital technology specialists with considerable lecturing experience, many acting as examiners and lecturers for the professional accounting bodies. They maintain very close links with all of the professional bodies, industry and employers.

atu.ie/AU607



4 Years



NEW Programme



Minimum Entry Requirements



30 Places



Work Placement



Deirdre Lusby  
Head of Department of  
Business and  
Accounting  
deirdre.lusby@atu.ie  
Richie Hoare  
Senior Lecturer in  
Accounting  
richie.hoare@atu.ie

## Career Opportunities

This programme enables graduates to pursue further studies and gain work experience to become professional accountants in various sectors. Specializations include management accounting, systems accounting, digital auditing, and IT roles like process design, business analytics, data analytics, blockchain, and application support.

## Career Opportunities (contd.)

The degree offers a well-rounded combination of accounting, business, and digital skills, equipping graduates to become future business leaders.

## Special Features

This programme has excellent professional body recognition and exemptions for graduates to obtain, e.g.

- Association of Chartered Certified Accountants (ACCA) - from all of the 'Applied Knowledge' exams and five of the six 'Applied Skills' exams.'
- Chartered Accountants Ireland (CAI) - from all of the 'CAP1' exams'
- Certified Public Accountants (CPA) - from all of the 'Foundation Level' exams and five of the six 'Professional Level' exams.

## 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.

## Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## What will I study?

### Modules include

- Financial Accounting and Financial Reporting
- Management Accounting
- Decision Making
- Performance Management
- Finance
- Taxation
- Information Technology
- Business Analytics
- Blockchain
- Business Process Modelling
- Cloud Infrastructure and Services
- Enterprise Resource Planning

Aidan Clifford, Technical Director, ACCA Ireland (the ACCA is the biggest global accounting professional body) stated:

"The ATU Galway digital accounting degree will provide the skills that add value and support decision making for the future business leaders. The degree will ensure that graduates start working at the higher end of the value chain immediately on graduation and graduates will be equipped with the skills that will make them very much in demand by employers".

## Professional Accreditation





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

# Business Information Systems

Knowledge of information systems is vital to anyone who wants to work in or manage a business. This highly practical programme combines information technology with business subjects and prepares students to become skilled knowledge workers and information systems specialists for tomorrow's dynamic and global businesses.

Numerous employment options exist in roles within the business and IT sectors. Students learn how to use the data generated by information systems in a business context, and to design, implement and maintain technologies including the Internet, mobile devices, enterprise systems, social media, and cloud computing.

**atu.ie/AU602**  
**atu.ie/AU502**

 **3/4 Year**

 **300 (Level 8 2022)**  
**250 (Level 7 2022)**

 **Minimum Entry Requirements**

 **50 Places**

 **Work Placement**

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

## 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 programme is designed to meet the Teaching Council curricular subject requirements for business and information or communications technology/computer studies depending on the electives chosen.

## 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.

Please review graphic and information on page 52 for further detail.

## 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 (Level 7)

- 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 are available


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

# Entrepreneurship

These degrees will develop students' creativity and business analytics skills so that they can work as an entrepreneur in their own business or work within existing businesses in an innovative way. These programmes will give students a solid grounding in business while strengthening their entrepreneurial knowledge, competence, know-how and skills. Entrepreneurs need to be able to communicate their vision, listen to input from others, sell their vision to employees/partners/investors, build teams, and motivate employees. Having developed key skills in innovation, entrepreneurship, and business, graduates are well placed to develop a rewarding career at home or abroad.

**atu.ie/AU605**  
**atu.ie/AU505**

 **3/4 Year**

 **280 (Level 8 2022)**  
**280 (Level 7 2022)**

 **Minimum Entry Requirements**

 **60 Places**

 **Work Placement**

 **Erasmus+**

 **Eilis McNulty**  
 Programme Chair  
**eilis.mculty@atu.ie**

## Special Features

These programmes are designed in collaboration with businesses and with Enterprise Ireland making it highly applied and focussed. The programme is for students who wish to have the option to work as a dynamic entrepreneur in their own business or to work as an innovative business executive in enterprise.

The 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 have the opportunity to pursue their own enterprise interests through work placement opportunities in Year 4.

## Special Features (contd.)

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. To qualify as a business teacher, graduates will need to complete a two-year Professional Masters in Education (PME).

## 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.

## 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.

Please review graphic and information on page 52 for further detail.

## 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 (Level 7)

- 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
- Research Project

Additional elective modules are available





**Angelo Johnson**

**BB (Hons) in Finance and Economics**

**Initially inclined towards a science career, my interest in Economics grew after studying it in secondary school, leading me to transition into finance. I chose ATU for its practical learning structure and small class sizes, fostering personal relationships with lecturers and enhancing my progress.**

The first year covered essential business topics like entrepreneurship, BIS, and marketing, providing a strong foundation. We also focused on Excel, Word, and programming languages in both years. My favourite modules were macro and microeconomics, especially global policy in my final year.

Computer learning modules are crucial for future careers, and final year modules on monetary and physical policy are valuable for navigating personal endeavour's related to interest and mortgage rates.

After graduation, I secured a role as a financial analyst at HID Global and later worked at NEWTGEAR in FP&A. Now, I hold a senior position in financial operations at NetApp.

**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](https://atu.ie/AU604)

 **4 Years**

 **317 (Level 8 2022)**

 **Minimum Entry Requirements**

 **50 Places**

 **Work Placement**

 **Erasmus+**

 **Marie Finnegan  
Programme Chair  
[marie.finnegan@atu.ie](mailto: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.

### 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, Western Development Commission) 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.

### Quick Fact

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

### 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 (Level 8)

- 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 are available

Please review graphic and information on page 52 for further detail.



**AU603** | Level 8 | Bachelor of Business (Honours)

**AU503** | Level 7 | Bachelor of Business

# Marketing and Sales

These degrees have been developed in collaboration with business and marketing experts and aims to develop creative talent, and numerous skills including research skills, digital skills, data analysis, ethical practice, and strategic thinking. These programmes prepare students for exciting careers as marketing and sales professionals in the digital age. Our strong links with industry give students access to expert guest speakers and opportunities to participate in real-world projects and to excellent work placement opportunities in Year 3.

[atu.ie/AU603](https://atu.ie/AU603)  
[atu.ie/AU503](https://atu.ie/AU503)

 3/4 Year

 **300 (Level 8 2022)**  
**275 (Level 7 2022)**

 **Minimum Entry Requirements**

 **60 Places**

 **Work Placement**

 **Erasmus+**

 Lorna Moynihan  
Programme Chair  
[lorna.moynihan@atu.ie](mailto: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.

On completion of this programme, graduates have the opportunity to become a graduate member of the Marketing Institute by taking the Qualified Marketer Exam.

## 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.

Please review graphic and information on page 52 for further detail.

## 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 (Level 7)

- 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 are available



**Lilly Chadwick**

**BB (Hons) in Marketing and Sales**

**After leaving secondary school I knew I wanted to study an area of business but wasn't sure which aspect to focus on. From my research I found ATU's Marketing and Sales degree offered a comprehensive overview of various areas within marketing and sales.**

I also heard from past students, how well the degree was delivered from lecturers and that the course content was really interesting and interactive. I love the variety of the modules and how they give you a great insight into the practical aspects of the business world.

I love living in Galway City, there is always something to do. ATU is also really sociable with all the clubs and societies and gives great opportunities to make new friends and find new interests. In the future, I hope to open my own business.



AU631 | Level 8 | Bachelor of Arts (Honours)

AU531 | Level 7 | Bachelor of Arts

# Gastronomy Science and Food Innovation

Our aim is to nurture, mentor and produce Ireland's leading culinary graduates. These programmes are designed for students who are interested in shaping the future of food. Students will develop an understanding and appreciation for gastronomy, the importance of sourcing ethical food, respecting local ingredients and traditions whilst embracing contemporary food trends as well as the science associated with ingredients and food production. We will assist students to develop transversal skills such as communication skills, teamwork, leadership, and entrepreneurship in an immersive learning environment which includes industry guest lecturers and field trips.

[atu.ie/AU631](https://atu.ie/AU631)  
[atu.ie/AU531](https://atu.ie/AU531)

 3/4 Year


 235 (Level 8 2022)  
171 (Level 7 2022)

 Minimum Entry Requirements

 64 Places

 Work Placement

 Erasmus+

 Galway International  
Hotel School Office  
[gihs.galwaymayo@atu.ie](mailto:gihs.galwaymayo@atu.ie)

## Special Features

The culinary programmes have been re-designed to reflect industry trends, modern-day technology and to ensure that students are equipped with the necessary skills and knowledge required to pursue a successful career in the broader food industry. Sustainability principles have been embedded within our programmes as a core ethos, in response to our obligations to address climate action issues. Students will experience a broad range of practical and academic modules to enhance their employability skills across the broader food industry which offers an extensive range of exciting career opportunities.

## Special Features (contd.)

The integrated work placements in Year 1 and 3 enable students to develop skills and experience relevant to their chosen pathway.

## Career Opportunities

Graduates will have excellent employment opportunities, in all aspects of the food industry in Ireland and internationally. They will find work 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?

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. The international study tour destinations (Year 4), vary each year and students will have the opportunity to visit a gastronomic destination of renown.

## 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 domestic 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 (Level 7)

- 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 are available



# Jaden Mascarenhas

## BA (Hons) in Gastronomy Science and Food Innovation

**I have loved food and cooking for as long as I can remember, and when looking to study a degree in this area, ATU Galway seemed like a great fit. As an international student from Dubai, the move to Galway City has been fun and so welcoming.**

During my studies I have enjoyed getting the opportunity to compete in several competitions and work and learn from some great lecturers. My favourite modules have been all the practical ones especially the art of pastry, baking and desserts.

Following the completion of my 12-week placement at Ashford Castle, I gained valuable experience that played a pivotal role in my achievement as a finalist in the 2022 World Skills competition. To any students considering the course I would advise to come in with an open mind, taste everything and try your best to improve a little bit every day.



**AU429** | Level 6 | Higher Certificate in Arts

# Culinary Arts-Professional Chef Programme

The Higher Certificate in Culinary Arts-Professional Chef Program provides students with the key skills, knowledge and competencies required to work as chefs in a professional kitchen. This programme is designed for students who are interested in shaping the future of food under the nurture and mentorship of our highly skilled team.

This programme will provide the learners with both theoretical knowledge and specialised culinary skills developed through the acquisition of creative and technical competencies, all within a realistic learning environment.

Students will develop 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](http://atu.ie/AU429)



2 Years



189 (Level 6 2022)



Minimum Entry Requirements



32 Places



Work Placement



Galway International Hotel School Office  
[gih.s.galwaymayo@atu.ie](mailto:gih.s.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 gain 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 internationally. Graduates can be employed as Commis-Chef, Chef de Partie and Sous-Chef and, with relevant experience, may become Head Chef in a hotel kitchen or in a restaurant.

## Further Study Options

Successful Level 6 students will graduate with a Higher Certificate in Culinary Arts Professional Chef Programme. They 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. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



## 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 domestic 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 continuing or progressing into year 3 will undertake a 30-week international industry work placement following successful completion of year 2)

Additional elective modules are available

## Did You Know?

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.

**AU628** | Level 8 | Bachelor of Business (Honours)

**AU528** | Level 7 | Bachelor of Business

# International Tourism Management

The tourism programmes at ATU Galway are 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 placements in Year 1 and Year 2 enable students to develop skills and experience at both operational and supervisory management levels, thus experiencing first-hand the challenges, demands and rewards of working in this exciting and ever-changing industry.

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 all over the world.

[atu.ie/AU628](http://atu.ie/AU628)

[atu.ie/AU528](http://atu.ie/AU528)



3/4 Years



271 (Level 8 2022)  
191 (Level 7 2022)



Minimum Entry Requirements



50 Places



Work Placement



Erasmus+



Galway International Hotel School Office  
[gih.s.galwaymayo@atu.ie](mailto:gih.s.galwaymayo@atu.ie)

## Further Study Options

Students who successfully complete Year 3 will graduate with a Level 7 Bachelor of Business in International Tourism Management. After which, successful students can apply internally for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in International Tourism Management. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## Did You Know?

Field trips are at the core of teaching on the program, linking with modules to enhance the application of learning. Students participate in diverse trips locally and internationally.

Field trip destinations include Inis Mór on the Aran Islands, Connemara and Oughterard Heritage Walk, Walking and food tour of Galway city, Dublin to locations such as the Guinness Storehouse, Jameson Distillery and Airbnb.

International study tour destinations in Year 4 vary each year, and have included Lisbon, Rome, Switzerland, and Berlin.

## Professional Accreditation

Fáilte Ireland National Guiding Certificate following successful completion of Year 3 of the Level 7 or 8 programme.

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

## What will I study?

### Year 1

- Introduction to Tourism
- Tourism Industry Skills
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week domestic work placement

### 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

### Year 3 (Level 7)

- National Guiding
- International Tourism Markets and Trends
- Tourism Impacts
- Placement Reporting and Reflection
- Management Accounting
- Human Resource Management
- Services Marketing
- Tourism Economics

### Year 4 (Level 8)

- 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 are available





## Tourism

The travel and tourism industry is an exciting and varied industry with many opportunities both at home and abroad. This programme prepares students for many of the business roles available in the sector. Students will develop skills appropriate at both operational and supervisory levels. Students on this programme can expect to participate on a significant number of field trips which will support University-based learning activities.

The integrated work placements in Year 1 and Year 2 enable students to develop their skills and experience. Students experience first-hand the challenges, demands and rewards of working in this exciting and ever-changing industry.

The inclusion of the Fáilte Ireland Certified Rural Guiding Certificate greatly enhances the employability of graduates of the programmes. In addition, students will learn to use the Galileo international travel booking system, used by tour operators all over the world.

[atu.ie/AU426](https://atu.ie/AU426)



2 Years



226 (Level 6 2022)



Minimum Entry Requirements



25 Places



Work Placement



Galway International Hotel School Office  
[gih.s.galwaymayo@atu.ie](mailto:gih.s.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 Business in Tourism. They can then apply internally for Year 3 of the Level 7 in International Tourism Management. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in International Tourism Management. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

### Did You Know?

Field trips are at the core of the teaching on the programme and are attached to a variety of modules to enhance the application of the learning. Students will engage in a variety of field trips, both at home and abroad.

Field trip destinations include Inis Mór on the Aran Islands, Connemara and Oughterard Heritage Walk, Walking and food tour of Galway city, Dublin to locations such as the Guinness Storehouse, Jameson Distillery and Airbnb. Other tours include the walking Tour of Limerick and King John's Castle, Clonmacnoise, Lough Boora, and Newgrange, the Burren and the Cliffs of Moher.

## What will I study?

### Year 1

- Introduction to Tourism
- Tourism Industry Skills
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week domestic work placement

### 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 are available

### 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 are two examples. 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.

### Professional Accreditation

Fáilte Ireland National Guiding Certificate following successful completion of Year 3 of the Level 7 or 8 programme.

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



Max Reid

BB (Hons) in International Tourism Management

**I chose the International Tourism Management degree for the worldwide career opportunities it offers. Our class sizes were small, allowing you to all connect with your peers, lecturers on a personal level and other related degrees as you share modules with them throughout the year.**

For placement, I got the opportunity to work with a four-star hotel & golf resort in Wicklow in first year and I travelled to New Zealand to work in an award-winning Irish Bar & Restaurant in second year. My favourite module was international study tour, where we got to take our guiding module abroad. This was one of the highlights for me in university, travelling and exploring a European city with friends and lecturers, all as part of my degree.

Since graduating I have been working with Fáilte Ireland and am currently working with them on a very exciting 'Ireland's Hidden Heartlands' regional team project.



**AU629** | Level 8 | Bachelor of Business (Honours)  
**AU529** | Level 7 | Bachelor of Business

# Event Management with Public Relations

The Event Management with Public Relations programmes are 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 event management industry.

The aim is to provide relevant, professional education for students on all aspects of the planning, marketing and management of events and public relations programmes in this multifaceted industry.

The integrated work placements in Year 3 enable students to develop skills and experience at operational and supervisory management levels, thus experiencing first-hand the challenges, demands and rewards of working in this exciting and ever-changing industry.

[atu.ie/AU629](http://atu.ie/AU629)  
[atu.ie/AU529](http://atu.ie/AU529)

 3/4 Years


 227 (Level 8 2022)  
 215 (Level 7 2022)

 Minimum Entry Requirements

 50 Places

 Work Placement

 Erasmus+

 Galway International Hotel School Office  
[gih.galwaymayo@atu.ie](mailto:gih.galwaymayo@atu.ie)

## 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

Students who successfully complete Year 3 will graduate with a Level 7 Bachelor of Business in Event Management with Public Relations. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in Event Management with Public Relations. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## Did You Know?

Field trips and regular events are at the core of the teaching on the programme and are attached to a variety of modules to enhance the application of the learning. Students will engage in a variety of field trips, both at home and abroad such as Galway International Arts Festival, Connacht Rugby, Aviva Stadium, Croke Park, Ploughing Championships, Dublin to locations such as the Guinness Storehouse, Jameson Distillery and Airbnb. International study tour destinations (Year 4) vary each year and have included Lisbon, Rome, Switzerland, and Berlin.

## Common Entry

Following the successful completion of Year 1, students on this programme may choose to transfer to other programmes within the same discipline. International Hotel and Hospitality Management or

## What will I study?

### Year 1

- Introduction to Event Studies
- Event Operations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Introduction to Public Relations

### Year 2

- Business Information Tools
- Conference and Exhibition Management
- Financial Accounting
- Marketing Principles
- Corporate Entertainment
- Public Relations Techniques
- Event Risk Management
- Management Principles and Practice
- Business and Consumer Law

### Year 3 (Level 7)

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

### Year 4 (Level 8)

- International Study Tour
- Applied Research Project
- Strategic Industry Management Seminars
- Hotel Revenue and Distribution Management
- 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 are available

International Tourism Management are two examples. 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.

**AU427** | Level 6 | Higher Certificate in Business

# Event Operations

This programme provides an excellent introduction to the world of Event Management with Public Relations. Equipping students with the necessary skills, knowledge, and experience to pursue a successful career in the event management industry.

The aim is to provide relevant, professional education for students on aspects of the planning, marketing and management of events and public relations programmes in this multifaceted industry.

The integrated work placement at the end of Year 2 and into Year 3 enables students to develop skills and experience at operational and supervisory management levels, thus experiencing first-hand the challenges, demands and rewards of working in this exciting and ever-changing industry.

[atu.ie/AU426](http://atu.ie/AU426)

 2 Years

 NEW Programme

 Minimum Entry Requirements

 25 Places

 Work Placement

 Galway International Hotel School Office  
[gih.galwaymayo@atu.ie](mailto:gih.galwaymayo@atu.ie)

## Special Features

Field trips and regular events are at the core of the teaching on the programme and are attached to a variety of modules to enhance the application of the learning. Students will engage in a variety of field trips, both at home and abroad such as Galway International Arts Festival, Connacht Rugby, Aviva Stadium, Croke Park, Ploughing Championships, Dublin to locations such as the Guinness Storehouse, Jameson Distillery and Airbnb.

## Career Opportunities

Graduates can expect to find employment in a variety of event, PR and entertainment enterprises including conference 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

Following successfully completing Year 2, Level 6 students graduate with a Higher Certificate in Business in Event Operations with Public Relations. They can then apply internally for Year 3 of the Level 7 Bachelor of Business in Event Management with Public Relations. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in Event Management with Public Relations. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## What will I study?

### Year 1

- Introduction to Event Studies
- Event Operations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Introduction to Public Relations

### Year 2

- Business Information Tools
- Conference and Exhibition Management
- Financial Accounting
- Marketing Principles
- Corporate Entertainment
- Public Relations Techniques
- Event Risk Management
- Management Principles and Practice
- Business and Consumer Law
- 30-week international work placement (continuing or progressing into year 3)

Additional elective modules are available

## Common Entry

Following the successful completion of Year 1, students on this programme may choose to transfer to other programmes within the same discipline. International Hotel and Hospitality Management or International Tourism Management are two examples. 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.



**AU625** | Level 8 | Bachelor of Arts (Honours)  
**AU525** | Level 7 | Bachelor of Arts

## Heritage

The Heritage programmes are designed to equip students with the necessary skills, knowledge and experience to pursue a successful career in the heritage sector and academia. This learning experience is particularly appropriate for students wishing to acquire a broader knowledge and understanding of the built, cultural, and natural heritage of Ireland, Europe and the wider world. The focus is applied and interdisciplinary in nature – linking heritage with history, geography, archaeology, tourism, genealogy, museum studies, folklore, literature, planning, computing, digital media, business and languages.

[atu.ie/AU625](http://atu.ie/AU625)  
[atu.ie/AU525](http://atu.ie/AU525)

 **3/4 Years**

 **272 (Level 8 2022)**  
**255 (Level 7 2022)**

 **Minimum Entry Requirements**

 **50 Places**

 **Work Placement**

 **Erasmus+**

 **Joint Programme Chairs:**  
 Dr Mark Mc Carthy  
[mark.mccarthy@atu.ie](mailto:mark.mccarthy@atu.ie)  
 Fergal O'Dowd  
[fergal.odowd@atu.ie](mailto:fergal.odowd@atu.ie)

### Special Features

Students learn through a combination of lectures, tutorials, field studies, active learning, class discussions, film viewings, practical learning in computer and language labs, and online learning. There is also a strong emphasis on offsite teaching, with field trips to heritage sites, museums and interpretative centres.

### Career Opportunities

There are a variety of employment opportunities available to graduates. They may find work in arts administration, antiques and collectables, archaeology, archives, business, NGOs, civil service,

### Career Opportunities (contd.)

community development, conservation, environmental consultancies, genealogical companies, GIS, heritage centres and agencies, lecturing and many other sectors.

### Further Study Options

Students who successfully complete Year 3 will graduate with a Level 7 Bachelor of Arts in Heritage. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Arts (Honours) in Heritage. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Level 8 graduates are eligible to apply for progression to the Professional Master of Education (Secondary School/ Post Primary Teacher Training), on completion of which they are qualified to teach Environmental and Social Studies to Junior Certificate and History to Leaving Certificate level. Graduates are also eligible to apply for entry to the Professional Master of Education (Primary Teaching), to qualify as a primary teacher.

### Did You Know?

Students choosing the Guiding electives can be certified with the Fáilte Ireland Regional and National Guiding Certificate following successful completion of Year 3 of the Level 7 or 8 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
- Archaeology and 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 and Built Heritage

### Year 3 (Level 7)

- Museology: Introduction to Principles and Practice
- Ireland's Literary Heritages
- Digital Heritage Tools
- Irish Local History and Genealogy
- Ecology and Environment
- Museums: Management and Design
- Geographic Information Systems
- Archaeology and Built Heritage
- Research Methods
- Historical Geography

### Year 4 (Level 8)

- Dissertation
- Geography, Planning and Human-Environment Relations
- Irish Traditional Music: History and Heritage
- Irish Historiography
- Archaeology and Built Heritage
- Heritage Tourism
- Irish Cinematic History and Cultural Identity
- Curatorial Practice and Project Management

Additional elective modules are available

**AU425** | Level 6 | Higher Certificate in Arts

## Heritage

This two-year Higher Certificate in Heritage at ATU Galway City campus provides students with a broad-based knowledge and understanding of the built, cultural, natural, and digital heritages of Ireland and Europe. This learning experience is particularly appropriate for students wishing to acquire a broader knowledge and understanding of the built, cultural and natural heritage of Ireland, Europe and the wider world. The focus is applied and interdisciplinary in nature – linking heritage with history, geography, archaeology, tourism, genealogy, museum studies, folklore, literature, planning, computing, digital media, business and languages.

[atu.ie/AU425](http://atu.ie/AU425)

 **2 Years**

 **298 (Level 6 2022)**

 **Minimum Entry Requirements**

 **25 Places**

 **Work Placement**

 **Joint Programme Chairs:**  
 Dr Mark Mc Carthy  
[mark.mccarthy@atu.ie](mailto:mark.mccarthy@atu.ie)  
 Fergal O'Dowd  
[fergal.odowd@atu.ie](mailto:fergal.odowd@atu.ie)

### Special Features

Students learn through a combination of lectures, tutorials, field studies, active learning, class discussions, film viewings, practical learning in computer and language labs, and online learning. There is also a strong emphasis on offsite teaching, with field trips to heritage sites, museums and interpretative centres.

### Career Opportunities

There are a variety of employment opportunities available to graduates. This programme will appeal to students who are seeking a shorter period of study and a quicker route to up-skilling for operational positions in the cultural heritage, historic environment or tourism industries.

### Further Study Options

Students who successfully complete Year 2 will graduate with a Level 6 Higher Certificate in Heritage. They can then apply internally for Year 3 of the Level 7 Bachelor of Arts in Heritage. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Arts (Honours) in Heritage. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Level 8 graduates are eligible to apply for progression to the Professional Master of Education (Secondary School/ Post Primary Teacher Training) and/or the Professional Master of Education (Primary Teaching), to qualify as a primary teacher.

### Did You Know?

Regional Guiding Certification is included in year 2 as an elective on 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
- Archaeology and 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 and Built Heritage

Additional elective modules are available



**AU630** | Level 8 | Bachelor of Business (Honours)  
**AU530** | Level 7 | Bachelor of Business

# International Hotel and Hospitality Management

The Hotel suite of programmes are 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 learning styles to maximise the student learning experience.

The integrated work placements in Year 1 and Year 2 enable students to develop skills and experience at both operational and supervisory management levels, thus experience first-hand the challenges, demands and rewards of working in this exciting and ever-changing industry.

[atu.ie/AU630](http://atu.ie/AU630)  
[atu.ie/AU530](http://atu.ie/AU530)

 3/4 Years

 **228** (Level 8 2022)  
**161** (Level 7 2022)

 **Minimum Entry Requirements**

 50 Places

 **Work Placement**

 **Erasmus+**

 Galway International Hotel School Office  
[gihs.galwaymayo@atu.ie](mailto:gihs.galwaymayo@atu.ie)

## Special Features

Field trips are at the core of the teaching on the programme and are attached to a variety of modules to enhance the application of the learning. Students will engage in a variety of field trips, both at home and abroad.

Field Trip Destinations include:

- Ashford Castle
- Adare Manor
- Variety of award-winning restaurants
- Dublin – Guinness Storehouse, Jameson Distillery, Airbnb, etc.

## Special Features (contd.)

- 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, 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.

## Further Study Options

Students who successfully complete Year 3 will Graduate with a Level 7 Bachelor of Business in International Hotel and Hospitality Management. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in International Hotel and Hospitality Management. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## 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 Tourism Management are two examples. The student would

## What will I study?

### Year 1

- Bar and Restaurant Skills and Service
- Accommodation and Culinary Operations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week domestic work placement

### Year 2

- Menu Management and Contemporary Service Techniques
- Rooms Division Management
- Financial Accounting
- Marketing Principles
- Placement Reporting and Reflection 1
- Culinary Skills for Hospitality Managers
- Management Principles and Practice
- Business and Consumer Law
- 30-week international work placement (following successful completion of year 2)

### Year 3 (Level 7)

- Strategic Hospitality Management
- Management Accounting
- Human Resource Management
- Services Marketing
- Tourism Economics

### Year 4 (Level 8)

- 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 are available

transfer at the same level and may need to take a 'bridging module' in year two in lieu of the elective choices.

**AU428** | Level 6 | Higher Certificate in Business

# Hotel and Hospitality Operations

This programme provides an excellent introduction to the world Hospitality and Hotel Operations. This programme is immersive in design and is inclusive of accommodation, bar and restaurant training. Students will gain hands on practical experience in the University training facilities, as well as studying core business modules relevant to the industry.

Teaching is delivered through a range of practical and academic learning styles and includes field trips to maximise the student learning experience.

The integrated work placements between Year 1 and Year 2 enable students to develop skills and experience at both operational and supervisory management levels, developing insights into the vast career opportunities in this exciting and ever-changing industry.

[atu.ie/AU428](http://atu.ie/AU428)

 2 Years

 **170** (Level 6 2022)

 **Minimum Entry Requirements**

 50 Places

 **Work Placement**

 Galway International Hotel School Office  
[gihs.galwaymayo@atu.ie](mailto:gihs.galwaymayo@atu.ie)

## Special Features

Field trips are at the core of the teaching on the programme and are attached to a variety of modules to enhance the application of the learning. Students will engage in a variety of field trips, both at home and abroad.

Field Trip Destinations include:

- Ashford Castle
- Adare Manor
- Variety of award-winning restaurants
- Dublin – Guinness Storehouse, Jameson Distillery, Airbnb, etc.

## Career Opportunities

Graduates gain employment in the operational aspect of the hospitality industry such as restaurant service, bar, front office and accommodation.

## Further Study Options

Students who successfully complete Year 2 will graduate with a Level 6 Higher Certificate in Business in Hotel and Hospitality Operations. They can then apply internally for Year 3 of the Level 7 Bachelor of Business in International Hotel and Hospitality Management. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in International Hotel and Hospitality Management.

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



## What will I study?

### Year 1

- Bar and Restaurant Skills and Service
- Accommodation and Culinary Operations
- Essentials of Business
- Information and Digital Technologies
- Academic and Professional Skills
- Preparation for Work Placement
- Summer 12-week domestic work placement

### Year 2

- Menu Management and Contemporary Service Techniques
- Rooms Division Management
- Financial Accounting
- Marketing Principles
- Placement Reporting and Reflection 1
- Culinary Skills for Hospitality Managers
- Management Principles and Practice
- Business and Consumer Law
- 30-week international work placement (following successful completion of year 2)

Additional elective modules are available

## 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 are two examples. 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.



**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.

Student learning is delivered through studio project work to develop the student's ability to problem-solve. The projects increase in technical complexity as the programme progresses, culminating in the research and analysis of the adaptation and upgrade of existing buildings in the final year.

As a student of Architectural Technology you will be encouraged to appreciate the concepts of architectural design and apply technical design principles in the development of a building to meet the project brief, the regulatory requirements for the building and the performance requirements for environmental and energy efficiency. The course has a strong work ethic which encourages students to interact closely and, in so doing, make life-long friends and colleagues.

[atu.ie/AU637](http://atu.ie/AU637)  
[atu.ie/AU537](http://atu.ie/AU537)

 3/4 Years

 308 (Level 8 2022)  
267 (Level 7 2022)

 Minimum Entry Requirements

 32 Places

 Work Placement

 Gerard Nicholson  
Programme Chair  
[gerard.nicholson@atu.ie](mailto: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.

### Career Opportunities (contd.)

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.



## 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
- CAD2 / Building Information Modelling (BIM) 2
- History and Conservation of Irish Architecture
- Building Surveying
- Structural Element Design
- Architectural Graphics and Communication 2

### Year 3 (Level 7)

- Detail and Design Studio 3
- Advanced Architectural Technologies
- Building Information Modelling (BIM) 3
- Environmental Building Systems
- Professional Practice and Law
- Placement (Semester 6)

### Year 4 (Level 8)

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

Additional elective modules may be available



**Gary Leavy**

**BSc (Hons) in Architectural Technology**

I opted for Architectural Technology in ATU due to its hands-on approach and inclusion of continuous assessments. Throughout the four-year degree, my understanding of construction and the industry steadily grew, with each year bringing new knowledge and insights.

During the third year, I earned a BIM Visualizations certificate, which involved submitting internal and external renders of a detailed design project as part of a competition. The university atmosphere is truly unique, with approachable lecturers and supportive staff, making it enjoyable to attend classes. From the canteen staff to the lecturers, everyone is friendly and ready to offer support.

In my fourth year, my classmates selected me as the student representative, entrusting me with the responsibility of conveying any ideas or feedback within the group and fostering better interaction between students and lecturers. Having recently graduated, I now work as a BIM Engineer with John Sisk & Sons in Galway.



**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](http://atu.ie/AU638)

[atu.ie/AU538](http://atu.ie/AU538)

 3/4 Years

 **CAO POINTS**  
400 (Level 8 2022)  
327 (Level 7 2022)

 **Minimum Entry Requirements PLUS**  
• O4/H7 Maths

 48 Places

 Work Placement

 Erasmus+

 Dr Wayne Gibbons  
Programme Chair  
[wayne.gibbons@atu.ie](mailto:wayne.gibbons@atu.ie)

## 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.



## 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.

## 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 (Level 7)

- 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
- Hydraulics2

Additional elective modules may be available



**Brian Farrell**

**BEng in Civil Engineering**

**If you want a qualification that is highly regarded across the world, that gives you knowledge to not just become an engineer, but pivot into other sectors, then Civil Engineering is a great choice. The problem-solving skills you learn and develop in this degree will help you throughout your career and your life. Tune into all your modules, gain an understanding of each component required and you will become a great engineer.**

After graduation, I embarked on my professional journey as a site engineer, then on as a civil/ structural design engineer. Later, I transitioned into the role of project manager, collaborating with developers and investment funds. I returned to the contracting side of the industry, focusing on the construction of residential properties. I have now set up a construction company that builds bespoke projects for private clients and set up a consultancy firm where I serve as an advisor to foreign investment funds.



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

# Construction Management

Construction Management is a very rewarding career with lots of action and the satisfaction of seeing real results that transform design drawings and models into real buildings, roads or bridges. A Construction Manager organises the people, materials and equipment needed to get the job done in the most efficient and effective manner.

Construction managers are well organised professionals with good communication and people skills to direct and motivate the range of people and organisations involved in construction projects. The five-month work placement in Year 3 allows the student to experience at first hand, the challenges and opportunities of working in the industry.

[atu.ie/AU635](http://atu.ie/AU635)  
[atu.ie/AU535](http://atu.ie/AU535)

 3/4 Years

 326 (Level 8 2022)  
 255 (Level 7 2022)

 Minimum Entry Requirements

 60 Places

 Work Placement

 John Hanahoe  
 Programme Chair  
[john.hanahoe@atu.ie](mailto:john.hanahoe@atu.ie)

## 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.

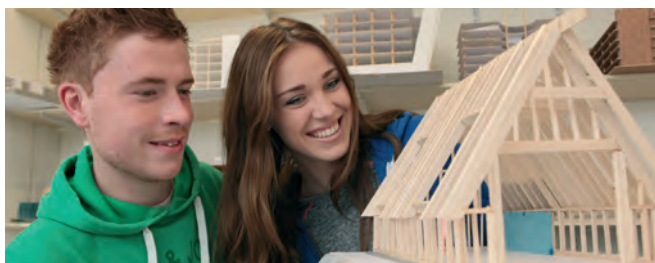


## Did You Know?

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.



## 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 (Level 7)

- 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

As the businessperson of the construction world, the quantity surveyor is a mix of an accountant, a solicitor and a building manager. Quantity surveyors have expertise in cost planning and controlling of construction projects, estimating, procurement, tendering and contracts administrative processes.

In Year 3, a four-month work placement provides an opportunity for practical learning for each student. 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 and valuable specialisations, giving its graduates a clear edge in the employment market.

[atu.ie/AU636](http://atu.ie/AU636)  
[atu.ie/AU536](http://atu.ie/AU536)

 3/4 Years

 346 (Level 8 2022)  
 251 (Level 7 2022)

 Minimum Entry Requirements

 60 Places

 Work Placement

 Lisa Dooley  
 Programme Chair  
[lisa.dooley@atu.ie](mailto:lisa.dooley@atu.ie)

## Career Opportunities (contd.)

building services consultancy practices/contractors, sub-contractors, facilities management or insurance companies, local authorities, government departments, state/semi-state organisations, property divisions of 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).



## 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

There are great opportunities in Ireland and across the world for graduates who may choose to work on-site and/or in a professional role. Graduates find employment within a building, civil engineering or

## 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 (Level 7)

- 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](https://atu.ie/AU642)

[atu.ie/AU542](https://atu.ie/AU542)



3/4 Years



307 (Level 8 2022)  
235 (Level 7 2022)



**Minimum Entry Requirements PLUS**  
• O4/H7 Maths



80 Places



Work Placement



Des O'Reilly  
Head of Department  
of Electronic and  
Electrical Engineering  
[des.oreilly@atu.ie](mailto:des.oreilly@atu.ie)

## 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. 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. 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 degree is accredited by Engineers Ireland at Associate Level.



## 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 (Level 7)

- 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



# Nokuvimba Natalie Chiyaka

## BEng (Hons) in Software and Electronic Engineering

**I completed a PLC course in Technology and Robotic Engineering which led me to choosing Software and Electronic Engineering in ATU. Being an international student, I thought the learning would be difficult, especially my lab work, but with the small class sizes and the personal connection you build with your lecturers it has made it easier.**

I love how the university is so welcoming and the people are so friendly. I thought it would be difficult to make friends coming from Zimbabwe, but everyone is so kind and helpful. I really enjoy the practical element and the teamwork of the degree as we get to help each other on different projects. The degree provides you with so many skills and is so varied which means after graduation we have many sectors we could go in to.



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

# Engineering

(Common Entry to Agricultural/Biomedical/ Energy/ Manufacturing Engineering Design/ Mechanical Engineering)

This course is a one-year programme that, upon successful completion, allows progression into year 2 of five separate programmes of Engineering. The Engineering (Common Entry) programme is the first year of a three (Level 7) or four (Level 8) year course. During Year 1 you will focus on your preferred specialist area. In Year 2 you will then transfer on to one of the following degree programmes; Agriculture Engineering, Biomedical Engineering, Energy Engineering, Manufacturing Engineering Design or Mechanical Engineering.

atu.ie/AU649  
 atu.ie/AU549

1 Years +

**CAO POINTS**  
 445 (Level 8 2022)  
 347 (Level 7 2022)

**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

The departmental common entry route is designed to help students make an informed decision to transfer into one of the following engineering programmes: Agricultural, Biomedical, Energy, Manufacturing or Mechanical, while still earning the first-year credits for a student's chosen degree.

## 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.

## What will I study?

### Year 1

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

Additional elective modules are available

## New Degree Option

Scan the QR code below to find out more about our new BEng in Automation and Robotics degree option.



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

# Agricultural Engineering

These programmes are tailored for students passionate about agricultural, horticultural, or robust machinery. Blending agricultural science and mechanical engineering, this degree focuses on machine design, control, and mechanical power transmission, producing skilled engineers for the agricultural, horticulture, mineral processing, and agri-food sectors.

Students will gain transferable knowledge and skills in engineering design, control, automation manufacturing, and in the agricultural and environmental sciences. These programmes emphasise practical learning, and feature: weekly practical 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**  
 305 (Level 8 2022)  
 290 (Level 7 2022)

**Minimum Entry Requirements PLUS**  
 • O4/H7 in Maths

20 Places

**Work Placement**

Dr Oliver Mulryan  
 Head of Department of Mechanical and Industrial Engineering  
 oliver.mulryan@atu.ie  
  
 Dr Edna Curley  
 Head of Centre,  
 Mountbellew  
 mac@atu.ie

## Career Opportunities (contd.)

They also work in automation, hydraulics, system design, testing, maintenance, fabrication, environmental management, finance, and sales.

## 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.

## Common Entry

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

## Professional Accreditation

This programme is in the process of being Engineers Ireland accredited.

## 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

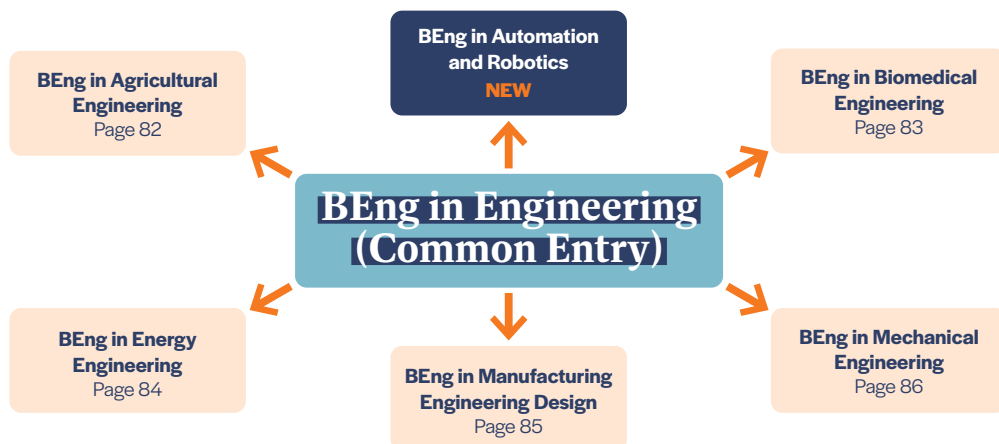
### Year 3 (Level 7)

- Food Science, Technology and Quality Assurance
- Animal Nutrition and Breeding
- Dry Stock Production
- Work Experience for Agricultural Engineers
- 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



## 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.

## Career Opportunities

Agricultural engineers have diverse roles: designing, building, servicing, and repairing machinery for agriculture, horticulture, forestry, mineral processing, and more.



**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 artificial limbs, pacemakers, lasers for eye surgery, stents and contact lenses.

These degrees are for students who would like an exciting career in Engineering that will save or improve people's life. The programme is very practical and includes weekly lab classes, workshop practice, individual and group projects, and work placement.

[atu.ie/AU647](http://atu.ie/AU647)

[atu.ie/AU547](http://atu.ie/AU547)



3/4 Years



370 (Level 8 2022)  
330 (Level 7 2022)



**Minimum Entry Requirements PLUS**  
• O4/H7 Maths



40 Places



Work Placement



Dr Liam Morris  
Programme Chair  
[liam.morris@atu.ie](mailto: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.

## Did You Know?

Paid work placement opportunities are available nationally and internationally.

## Common Entry

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

## Quick Fact

Ireland is home to 250+ medical technology companies employing over 25,000 people, with 18 of the world's top 25 medical technology companies having a base here. Some 80% of the world's heart stents, 50% of ventilators, and 33% of contact lenses, to name a few, are produced here in Ireland.

## Professional Accreditation

This programme is in the process of being accredited by Engineers Ireland.

## 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 (Level 7)

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

### 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

**AU646** | Level 8 | Bachelor of Engineering (Honours)

**AU546** | Level 7 | Bachelor of Engineering

# Energy Engineering

This discipline is one of the more recent to emerge and is driven by the requirement to achieve Net Zero Carbon emissions by 2050. This is an exciting career in Engineering that will help improve the way energy is produced and consumed.

Energy Engineering is a broad field dealing with Renewable Energy Systems, energy efficiency, product design and services, facility management, plant engineering, environmental compliance, and alternative energy technologies.

[atu.ie/AU646](http://atu.ie/AU646)

[atu.ie/AU546](http://atu.ie/AU546)



3/4 Years



329 (Level 8 2022)  
310 (Level 7 2022)



**Minimum Entry Requirements PLUS**  
• O4/H7 Maths



30 Places



Dr Laurentiu Dimache  
Programme Chair  
[laurentiu.dimache@atu.ie](mailto:laurentiu.dimache@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. The focus of the programmes is on energy technology, efficiency, assessment and information modelling. It also looks at the fundamentals underpinning fluids, solids, and engineering while also considering the control, automation, and monitoring of energy systems.

## 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.

## Career Opportunities (contd.)

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

This programme is in the process of being re-accredited by Engineers Ireland.



## 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 (Level 7)

- Electrical Energy Technologies
- Programming for Embedded Controllers
- Heat Transfer
- Machine Design
- Thermofluids
- Thermodynamics Systems
- Instrumentation and Control
- Building Energy Performance
- Professional Practice for Engineers

### 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 deliver high-quality manufacturing engineering graduates to support the local, national, and international manufacturing and service industries. It will provide the opportunity for prospective students to gain transferable knowledge and skills to develop rewarding and progressive careers.

If students are interested in designing, implementing, and managing optimal manufacturing processes that will give Ireland's manufacturing industry the opportunity to grow and compete internationally, then this degree is a great fit.

[atu.ie/AU650](http://atu.ie/AU650)  
[atu.ie/AU550](http://atu.ie/AU550)

 3/4 Years

 336 (Level 8 2022)  
308 (Level 7 2022)

 **Minimum Entry Requirements PLUS**  
• O6/H7 Maths

 20 Places

 Work Placement

 Padraig Audley  
Programme Chair  
[padraig.audley@atu.ie](mailto:padraig.audley@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 from the BEng in Manufacturing Engineering Design degree will have the skills and

## Career Opportunities (contd.)

experience necessary to build a career in manufacturing engineering, quality engineering, lean / six sigma engineering, production and process engineering, process improvement and industrial automation. In addition, operations management, production planning and supply chain engineering project management, CAD/CAM and CNC Specialists and facilities, maintenance and safety careers are also common.

## 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. Furthermore, 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

## 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 (Level 7)

- 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

Engineering Common Entry route AU649 Level 8 or AU549 Level 7.

## Professional Accreditation

This programme is in the process of being accredited by Engineers Ireland.

**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](http://atu.ie/AU645)  
[atu.ie/AU545](http://atu.ie/AU545)

 3/4 Years

 410 (Level 8 2022)  
302 (Level 7 2022)

 **Minimum Entry Requirements PLUS**  
• O4/H7 Maths

 40 Places

 Work Placement

 Dr Denis O'Mahoney  
Programme Chair  
[denis.omahoney@atu.ie](mailto:denis.omahoney@atu.ie)

## Special Features

In Year 3, students can avail of work placement, and in Year 4, they can specialise in one of four areas, Biomedical, Product Design, Energy and Manufacturing.

## Career Opportunities

Mechanical Engineers work in areas ranging from agricultural, marine, automotive, chemical, rail, and aerospace, to biomedical and manufacturing. They envision and create solutions and many of our graduates work in product and process design, manufacturing, medical device engineering, electronic component manufacturing, facilities engineering, maintenance engineering and energy systems.

## 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. 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

## Professional Accreditation

This programme is accredited by Engineers Ireland at Associate Level.

  
**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 (Level 7)

- Heat Transfer
- Machine Design
- Advanced Manufacturing Processes
- Numerical Methods and Programming
- Engineering Design
- Instrumentation and Control
- Manufacturing Automation
- Professional Practice for Mechanical Engineers
- 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.



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

# Science (Undenominated)

These undenominated science degrees give students an exceptional level of flexibility. These programmes build a core foundation in key science disciplines in the first year of study before students choose a specialism for the remainder of the degree.

These undenominated science degrees are ideal for students who know what they want to study science but are unsure about the direction they want to pursue at the time of application. At the end of Year 1, students choose between Applied Freshwater and Marine Biology, Physics and Instrumentation, Chemical and Pharmaceutical Science, Applied Biology and Biopharmaceutical Science or Forensic Science (subject to availability of places).

[atu.ie/AU656](http://atu.ie/AU656)  
[atu.ie/AU556](http://atu.ie/AU556)

1 Years +

**445** (Level 8 2022)  
**300** (Level 7 2022)

**Minimum Entry Requirements**

32 Places

**Work Placement**

Dr Ian O'Connor  
 Head of Department of Natural Resources and the Environment  
[ian.oconnor@atu.ie](mailto: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 one of the following degrees, depending on what you choose at the end of Year 1.

These programmes are:

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

### 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:

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

At the end of year one, you have a choice of the following programmes (subject to availability of places): Physics and Instrumentation, Chemical and Pharmaceutical Science, Applied Biology and Biopharmaceutical Science, Applied Freshwater and Marine Biology, Forensic Science and Analysis.

### 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.

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

# Applied Biology and Biopharmaceutical Science

These programmes will prepare graduates for employment in the pharmaceutical, biomedical and healthcare sectors in Ireland. Many opportunities also exist in environmental protection, food quality and safety, the regulatory agencies and research. Students will gain a professional qualification that will enhance their prospects for career advancement to managerial positions. Graduates also find employment in research or successfully undertake postgraduate research courses leading to higher degrees. Many students in the final fourth year of the programme have secured graduate job opportunities before completing their final exams.

[atu.ie/AU670](http://atu.ie/AU670)  
[atu.ie/AU569](http://atu.ie/AU569)

3/4 Years

**420** (Level 8 2022)  
**320** (Level 7 2022)

**Minimum Entry Requirements**

64 Places

**Work Placement**

Dr Mary McMahon  
 Programme Chair  
[mary.mcmahon@atu.ie](mailto:mary.mcmahon@atu.ie)

### 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.

### 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.

## 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

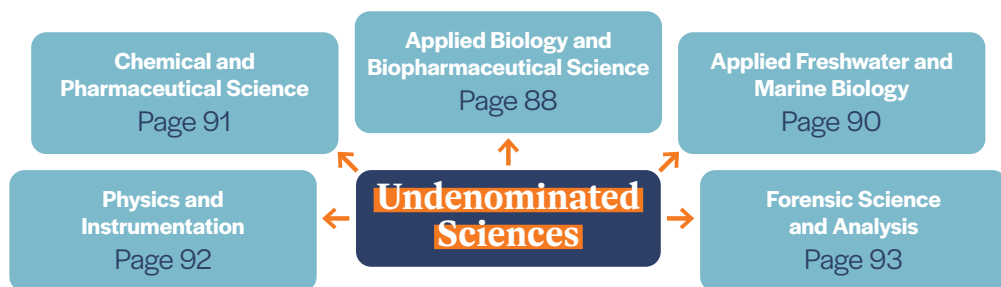
### Year 3 (Level 7)

- 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
- Research 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

Additional elective modules may be available





## Sibéal Regan

### BSc (Hons) in Applied Freshwater and Marine Biology

I have had a passion, love and curiosity for nature and our oceans for as long as I can remember. My journey began with citizen science and volunteering with the Irish Whale and Dolphin Group. Having worked with ATU lecturers through my volunteering ventures, Applied Freshwater and Marine Biology, was the obvious choice.

I enjoyed the practical aspects of the course and the supportive environment created on campus; from the student's union and services to our lecturers alike, it was a great place to be. My favourite modules were aquatic animal behaviour and assessment and environmental legislation. I would recommend getting involved with the eNGO sector in Ireland. Since graduating, I've been a professional marine mammal observer, seabird surveyor and science communicator with the Irish Whale and Dolphin Group.

**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](https://atu.ie/AU655)  
[atu.ie/AU555](https://atu.ie/AU555)



3/4 Years



383 (Level 8 2022)  
300 (Level 7 2022)



Minimum Entry Requirements



50 Places



Work Placement



Dr Ian O'Connor  
Head of Department of Natural Resources and the Environment  
[ian.oconnor@atu.ie](mailto:ian.oconnor@atu.ie)

### 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](http://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.

### 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.

## 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 (Level 7)

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

### 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



**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. Students learn how new medicines are discovered and how to ensure that they are safe and of high quality. A strong emphasis on practical work and projects gives the students a great experience in all these areas. It prepares graduates for immediate employment in the pharmaceutical, chemical, biomedical, and biotechnology sectors. In addition to laboratory work, there is a huge demand for graduates from this programme in areas including quality management, quality assurance, training and development, regulatory affairs, marketing, and research. In addition, graduates can pursue postgraduate (MSc or PhD) courses immediately.

[atu.ie/AU668](http://atu.ie/AU668)  
[atu.ie/AU568](http://atu.ie/AU568)



3/4 Years



378 (Level 8 2022)  
322 (Level 7 2022)



Minimum Entry  
Requirements



32 Places



Work Placement



Dr Emer Quirke  
Programme Chair  
[emer.quirke@atu.ie](mailto: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 (Level 7)

- Spectrophotometric Methods of Analysis
- Chromatographic Methods
- Electrochemical and Pharmacopoeia Methods
- Organic Chemistry
- Inorganic and Physical Chemistry
- Computing for Chemists
- Industry Placement

### Year 4 (Level 8)

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

Additional elective modules may be available

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

# Physics and Instrumentation

The progression of modern technology is largely based on fundamental physics research and instrumentation development. Innovation in all areas of science, engineering, measurement and technology relies on the development of new instrumentation and measurement techniques. The aims of these programmes are to satisfy those who have an interest in fundamental science and present them with opportunities to find rewarding careers. Throughout the programmes, there is an emphasis on practical work and projects. Projects are often based on individual students' interests and have included: medical instrumentation development, remote measurements using drones, building electronic musical equipment, investigating solar cells and many more.

[atu.ie/AU675](http://atu.ie/AU675)  
[atu.ie/AU575](http://atu.ie/AU575)



3/4 Years



308 (Level 8 2022)  
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](mailto:gareth.roe@atu.ie)

## Career Opportunities

A degree in Physics and Instrumentation opens many career opportunities. Graduates are highly sought after for high-earning key roles in a range of different sectors. They find employment in the pharmaceutical, medical device, electronic, biotechnology, green energy and marine sectors. Graduate careers include working as a calibration technician, medical physicist or any role that uses instrumentation.

## Career Opportunities (contd.)

One of the key skills developed in a physics-based degree is the ability to assess and solve problems; this is a skill that is transferable to many jobs that are not directly physics-based.

## 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.

## 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 (Level 7)

- 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



AU669 | Level 8 | Bachelor of Science (Honours)

# Forensic Science and Analysis

Students will discover how a crime scene is investigated and how to collect and analyse crime scene evidence. They will learn about ethical computer hacking, DNA analysis and much more. There is a large practical and project component to the programme. Students will learn skills such as project management, time management, decision making and laboratory practical skills. On completion, graduates will have a qualification that will provide opportunities for employment in a range of areas and will facilitate career advancement to managerial positions.

atu.ie/AU669



4 Years



401 (Level 8 2022)



Minimum Entry Requirements



32 Places



Work Placement



John Keary  
Programme Chair  
john.keary@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

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 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
- Industry Placement (six months)

### Year 4 (Level 8)

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

Additional elective modules may be available

## Professional Accreditation



The Chartered Society of Forensic Sciences

AU671 | Level 8 | Bachelor of Science (Honours)

# Medical Science

Medical Science is the study of investigative laboratory procedures, techniques and instruments that are required for the diagnosis of clinical disease and the monitoring of therapy. In recent years, there has been an increasing demand for medical laboratory diagnostic services and for the development of new services.

This programme will provide students with a solid foundation in the basic sciences together with the skills and knowledge to practice medical laboratory science. Graduates are specifically qualified to work in modern hospital laboratories and are involved in the investigation and diagnosis of medical conditions and disease.

atu.ie/AU671



4 Years



521 (Level 8 2022)



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 for Medical Science
- Professional Practice in Medical Science
- Cell Biology/Genetics O6
- 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
- Immunology
- Haematology
- Clinical Chemistry

### Year 3

- Analytical Techniques/ Instrumentation
- DNA Technology/ Molecular Diagnostics
- Quality Management (Medical Science)
- Applied Immunology (Medical Science)
- Practice Placement in Medical Science

### Year 4 (Level 8)

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

## Professional Accreditation

This programme is CORU approved.





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



391 (Level 8 2022)



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 developing rapidly for graduates with an understanding of the connections between nutrition and public health.

Graduates will be able to work in areas such as:

- Advisory positions in weight management, healthy eating or similar
- Advisory positions in food safety and health, e.g. Food Safety Authority of Ireland
- Broader roles in health promotion and health improvement
- Project delivery or advisory work with government agencies, e.g. HSE or Local Authorities

### Career Opportunities (contd.)

- Research and data analysis at public health observatories and various higher education institutes
- The food industry, e.g. Kellogg's, Nestlé, Danone, Glanbia
- Food in Schools initiatives
- National nutrition assessment groups
- Infant and maternal nutrition, e.g. UNICEF, Healthy Start
- International work in public health, e.g. World Food Programme, World Health Organisation

### 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 Association for Nutrition (AfN)

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.

## What will I study?

### Year 1

- Academic and Professional Skills
- Mathematics/Statistics
- Chemistry
- Anatomy and Physiology
- Fundamentals of Biomechanics
- Cell Biology/Genetics
- Principals 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 (Level 8)

- 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

### Professional Accreditation

Association for Nutrition (AfN)



Cian Greaney

BSc (Hons) in Public Health Nutrition

**I always had a keen interest in nutrition and how it plays its role in overall health. This interest led me to choose Public Health and Nutrition in ATU Galway. The most enjoyable part of the course was the practical elements. We got to visit schools, creches, and work with people externally as part of research projects.**

Our class sizes were small which was great as we got to know each other so well and made great friends from it. This made student life so much easier in ATU and you got to know other people from your friends in your class. Since graduating, I have decided to further my studies in University of Limerick investigating Diet Quality and Cystic Fibrosis.



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



366 (Level 8 2022)



**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 is growing in line with the ever-increasing job opportunities within the health sector and a focus within the sporting world on achieving the best results possible.

Graduates will be able to work in areas such as professional sports clubs and organisations,

## Career Opportunities (contd.)

national sporting associations, governing bodies and other related sporting agencies, public sports and recreation facilities, local authorities, education, exercise referrals, health sector (HSE etc.) and private health and fitness clubs and spas.

## 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. Programmes that lead to a professional qualification and a licence to practice require students to undertake practical training in a professional environment and may be subject to the university's fitness to practice policy.

## Professional Accreditation

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



register of exercise professionals

## 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 (Level 8)

- 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

Additional elective modules may be available

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



307 (Level 8 2022)



**Minimum Entry Requirements PLUS**  
• Garda Vetting



32 Places



Work Placement



Dr Caoimhe Tiernan  
Programme Coordinator  
caoimhe.tiernan@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 from this course can look forward to excellent career opportunities such as a professional coach, sports coaches in clubs, sports development officer, fitness instructor or personal trainer, athlete support officer, health promotion specialist, physical activity development manager researcher, coaching development officer, performance analyst, lecturer in higher education, self-employment (as a consultant, contractor or entrepreneur), GP referral exercise consultant, strength and conditioning coach or teacher.

## Career Opportunities (contd.)

Graduates can work in sectors such as national governing bodies like the FAI, Athletics Ireland, Irish Institute of Sport. They can also work in technology companies (Vicon, Hawkeye), professional sports teams and leagues, professional rugby teams, Paralympic authorities, sport partnerships, government agencies (e.g., HSE), local authorities (county councils), academic appointments, private health and fitness clubs, spas and public sports and recreation facilities, rehabilitation clinics, sports management, sport marketing agencies or sporting arenas and stadiums.

## 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 (Level 8)

- 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



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

# Computing and Digital Media

Studying Computing and Digital Media presents an opportunity to explore new areas in 2D and 3D graphics, animation, dynamic web design and development, video production and database technologies for multiplatform environments. Students will develop skills in a variety of software toolkits and application through hands-on practical development work, and the production of rich media and web application content for a range of platforms.

The varied skillset provided to students of this programme allows for work across emerging technologies on the Web and in the AR/VR space.

[atu.ie/AU677](http://atu.ie/AU677)  
[atu.ie/AU577](http://atu.ie/AU577)

 3/4 Years

**CAO POINTS**  
 290 (Level 8 2022)  
 243 (Level 7 2022)

 **Minimum Entry Requirements**

 72 Places

 John Farrell  
 Programme Chair  
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 Valerie Butler  
 Programme Chair  
[valerie.butler@atu.ie](mailto:valerie.butler@atu.ie)

## Special Features

These programmes place a significant emphasis on practical skills and students will work individually and in groups on a variety of projects. It fosters the development of creative thinking and the development of interpersonal and project management skills and competencies required to work in the technology sector.

## Career Opportunities

Graduates can look forward to excellent career opportunities in the digital technology sector. Having attained a wide range of skills and competencies in computing, mobile technology, digital media and web development, graduates will find work where such versatility and adaptability are required.



## What will I study?

### Year 1

- Introduction to Digital Graphics and Design
- Web Design and Development
- Digital Narrative
- Skills and Innovation
- Digital Media and Social Computing
- Essential Maths for Computing
- Business and Analytical Information Systems

### Year 2

- Audio Video Design and Production 1
- Applied Digital Media
- IT Professional Skills
- Database Management
- Object-oriented Computing 1
- Applied Networking Technologies
- System Analysis
- Project Management

### Year 3 (Level 7)

- Mobile Web App Design Development 1 and 2
- Dynamic Web Development
- Object-oriented Computing 2
- Professional Practice
- 3D Modelling and Animation
- Dynamic Web Development
- Digital Marketing Web Analytics
- Audio Video Design and Production 2
- Mobile Applications Development

### Year 4 (Level 8)

- 3D Virtual World
- Media and Technology Convergence
- Group Project
- Virtual and Augmented Reality
- Software Testing
- Social Web/Digital Media Strategy
- Secure Web Applications
- Advanced Databases

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.

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

# Computing in Software Development

How do we interact with computers? How is computing evolving? Software Development is about solving problems, designing, and implementing new applications and solutions, and developing personal skills for communication, leadership and management. These programmes place a major emphasis on the development of practical programming language skills, problem-solving and the application of computer science theory to real-world problems. In addition to becoming proficient in programming languages such as Java and C#, students will learn how to design, create, and test software solutions for a world where mobility, connectivity, heterogeneity and Big Data are rapidly becoming part of everyday life.

[atu.ie/AU676](http://atu.ie/AU676)  
[atu.ie/AU576](http://atu.ie/AU576)

 3/4 Years

**CAO POINTS**  
 350 (Level 8 2022)  
 300 (Level 7 2022)

 **Minimum Entry Requirements**

 96 Places

 **Work Placement**

 Gareth Roe  
 Head of Department of Computer Science and Applied Physics  
[gareth.roe@atu.ie](mailto:gareth.roe@atu.ie)

## 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.

## Special Features

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

## 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 (Level 7)

- 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



**AU617** | Level 8 | Bachelor of Arts (Honours)

# Animation and Game Design

This programme is aimed at those who wish to secure employment in the Animation and/or Game industry, and those who wish to design and produce their own animated films or video games.

From the outset, the Animation and Game Design programme has a deep focus on world-building, both narratively and artistically, providing the skills and techniques necessary for its students to create truly immersive worlds, environments and characters. Students will use a large array of 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.

[atu.ie/AU617](http://atu.ie/AU617)



3 Years



330 (Level 8 2022)



Minimum Entry Requirements



48 Places



Manus Burke  
Programme Chair  
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School of Design  
and Creative Arts  
[sdca.galwaymayo@atu.ie](mailto:sdca.galwaymayo@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.



## 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 (Level 8)

- 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

The BA in Art is a dynamic, visually-driven programme. 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](http://atu.ie/AU618)  
[atu.ie/AU518](http://atu.ie/AU518)



3/4 Years



833\* (Level 8 2022)  
369\* (Level 7 2022)



Minimum Entry Requirements PLUS  
• Visual Arts e-portfolio



40 Places



Erasmus+



Katherine West  
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[sdca.galwaymayo@atu.ie](mailto:sdca.galwaymayo@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

Following the completion of this programme, graduates will have many career opportunities including artist, painter, print-maker, sculptor, ceramicist, digital artist, art education roles, art media roles including bloggers and cultural commentators, art writers and critics, art photographer, master printer, arts administrator, public artist, community arts practitioner,



## 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

### Year 3 (Level 7)

- 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

## Career Opportunities (contd.)

museum and gallery assistant, educational roles within the community and cultural institutions, exhibition tour guide or an arts researcher.

## 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 Masters in 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.



**AU615** | Level 8 | Bachelor of Arts (Honours)

# Film and Documentary

This programme involves working with both technology and people, so it will suit students who seek to challenge themselves, enjoy developing ideas, and who can apply themselves to production deadlines. Studying Film and Documentary will provide students with specialised knowledge of the history, theory and practical working of documentary and filmmaking. In addition to learning Production and Direction, the practical components include such specialist areas as screenwriting, editing, sound, production design, Cinematography, VFX (Visual Effects) and knowledge of the planning, budgeting, and management requirements involved in shooting and delivering film and documentary projects.

[atu.ie/AU615](http://atu.ie/AU615)



3 Years



330 (Level 8 2022)



Minimum Entry Requirements



48 Places



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Programme Chair  
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## Career Opportunities (contd.)

Career opportunities include working as a screenwriter, script editor, researcher, editor, assistant editor, post-production coordinator, location sound recordist, post-production sound designer, foley artist production designer, art director, props, set dresser, model maker, cinematographer, camera assistant, data wrangler, script supervisor VFX - compositor, environmental artist, CGI artist, rotoscope artist, motion design/ matchmoving, VFX Supervisor, producer, production manager, production coordinator, assistant director, locations manager or director.

## 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 (Level 8)

- 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



**AU616** | Level 8 | Bachelor of Arts (Honours)

# Creative Media and Storytelling

Storytelling is central to all aspects of our lives. From parables to fables, dramas to advertising, we have always relied on stories to inform, educate and entertain us. This 3-Year Level 8 honours degree programme offers students the opportunity to garner the skills to craft, bring to life and deliver stories through the various media and platforms that are available today.

Crafting stories with the power to change how we think, how we feel and how we act is central to this programme. Students will infuse stories with the power of visual communication and help their audience understand the world in new and inspiring ways.

[atu.ie/AU616](http://atu.ie/AU616)



3 Years



NEW Programme



Minimum Entry Requirements



24 Places



Jim Vaughan  
Programme Chair  
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School of Design  
and Creative Arts  
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## Special Features (contd.)

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. As there will be an equal emphasis on academic and practical performance, the student will also acquire a broad operational skills base in the use of technology for photography, location filming, sound recording, editing and podcasting, while web design and creation also feature.

## 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.

## Special Features

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



## 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 (Level 8)

- 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

## 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.

## Quick Fact

The demand for Digital Content Creators, with titles such as Content Coordinator, Writing Consultant, Podcaster and Blogger, increased by 49% year on year in 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 2022)

Minimum Entry Requirements PLUS

- H5 in Art or DCG
- Garda Vetting

20 Places

Work Placement

John Langan  
Programme Chair  
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School of Design  
and Creative Arts  
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## 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 (Level 8)

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

## 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.



## Joshua Copeland

### BEd (Hons) in Art and Design & Communication Graphics

**I have just completed my 1st year of my degree and I'm looking forward to the next few years of study. Initially I was quite apprehensive about School Placement however, as the time approached, I felt motivated and excited. I am going to be a teacher, and this was my first step!**

Upon arriving to the school on my first day, I was warmly welcomed by the principal and staff, instantly putting me at ease. The principal and the staff ensured that they were there to support me with whatever I needed. Through this placement, I gained invaluable insights into the authentic classroom environment, viewing it from the perspective of a teacher. This exposure greatly inspired and motivated me to incorporate the techniques I observed during the placement into my own future plans as a teacher.



# Design (Common Entry)

The Design (Common Entry) course is the first year of a 3-year (Level 7) degree. Following exploration of design disciplines in first semester, you will begin to focus on your preferred specialist area in second semester. In Year 2 you transfer onto either the 'Product Design', 'Graphic Design & Illustration', 'Interior Design', or 'Textile & Fashion Design' course. The course explores both traditional and digital design skills across all four disciplines. Students will learn the methods and techniques to research, develop and realise their creative vision as a designer, problem-solver and entrepreneur. Teaching will take place in studio workshops, through demonstrations, lectures, seminars, field trips and one-to-one tutorials preparing graduates for professional life in a design studio, to work individually or as part of a team.

### atu.ie/AU519



1 Year+



270 (Level 7 2022)



Minimum Entry Requirements



80 Places



Work Placement



Erasmus+



Kieran Egan  
Programme Chair  
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School of Design  
and Creative Arts  
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### 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.

### 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.

## 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 onto one of the following degrees:
- Product Design
- Graphic Design and Illustration
- Interior Design
- Textiles and Fashion Design

### 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.

# Product Design

Product Design students will learn about manufacturing design, methods and processes, ergonomics and human centred design, product design and innovation, and human centred product development. Other topics on the programme include Photography, Digital Media, Design History and Theory, Creative Problem Solving, Business and Entrepreneurial skills and an Ethical and Sustainable Design ethos.

There is also 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 then apply internally for Year 4 Level 8.

### atu.ie/AU624



4 Years



NEW Programme



Minimum Entry Requirements



20 Places



Work Placement



Erasmus+



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### 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 (Level 8)

- 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, building regulations, ergonomics and human-centred design, textile and surface design, interior design - surfaces, materials and finishes, interior design - integrated interior design project, and building information modelling. Other topics on the programme include Photography, Digital Media, Design History and Theory, Creative Problem Solving, Business and Entrepreneurial skills and an Ethical and Sustainable Design ethos.

There is also 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 then 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  
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School of Design  
and Creative Arts  
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## 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 (Level 8)

- 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 will learn about visual communications, illustration, typography, advanced digital design and book arts for design. Other topics on the programme include Photography, Digital Media, Design History and Theory, Creative Problem Solving, Business and Entrepreneurial skills and an Ethical and Sustainable Design ethos.

There is also 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 then 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  
School of Design  
and Creative Arts  
sdca.galwaymayo@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 (Level 8)

- 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.





# Textile and Fashion Design

Textile and Fashion Design students will learn about fashion concepts, textile and surface design, woven textile design and practice, accessory design, fashion textile research and development, 3D construction, textile fabrication, and fashion directions. Other topics on the programme include Photography, Digital Media, Design History and Theory, Creative Problem Solving, Business and Entrepreneurial skills and an Ethical and Sustainable Design ethos.

There is also a Level 7 entry route to Textile and Fashion Design, by choosing Textile and Fashion Design 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

 NEW Programme

 Minimum Entry Requirements

 20 Places

 Work Placement

 Erasmus+

 Kieran Egan  
Programme Chair  
kieran.egan@atu.ie  
School of Design  
and Creative Arts  
sdca.galwaymayo@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 (Level 8)

- 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.



**Oisín Kelly**

**BA (Hons) in Graphic Design & Illustration**

I had a huge love for design, art, and music growing up, it was always going to be this route for me. I'm passionate about good design but also how design can be used outside of the realm of materialism.

I love how the course tailors to your interests, as I'm really interested in music, the course let me focus on poster designs, album covers, stage design, and motion graphic promotional material. When doing the degree I loved modules like Design Thinking, Art History, and Digital Media.

Following graduation, I studied MA in Motion Graphics at Edinburgh Napier University. I now work as a designer for Orreco, the leading provider of bio-analytics for the NBA, NFL and Premier League. I also run the audio-visual events company This Is Verve and design posters for various club nights in Ireland and the UK.







**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.

### Programme

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Common Entry with Degree options in: Furniture Design and Manufacture Furniture Making and Architectural Woodworking	
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**AU683** | Level 8 | Bachelor of Science (Honours)

**AU583** | Level 7 | Bachelor of Science

# Furniture Design, Making and Technology (Common Entry)

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



1 Year+



**CAO POINTS**  
389 (Level 8 2022)  
379 (Level 7 2022)



**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 continue on one of the following Degree pathways:  
Furniture Design and Manufacture  
Furniture Making and Architectural Woodworking

## Further Study Options

Towards the end of Year 1, students will have a discussion 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

## Common Entry

In Year 1 the programme begins with an introduction to furniture design, making and technology and an exploration of each discipline. For Year 2 students choose their creative pathway and continue their degree 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**  
360 (Level 8 2022)



**Minimum Entry Requirements**



20 Places



**Work Placement**



**Erasmus+**



Jeremy Madden  
Programme Chair  
jeremy.madden@atu.ie

## 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 masters in 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 (1 Year)
- Computer Aided Design and Manufacture
- Product Development and Marketing

### Year 4 (Level 8)

- 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



361 (Level 8 2022)



Minimum Entry Requirements



20 Places



Work Placement



Erasmus+



Seán Garvey  
Programme Chair  
[sean.garvey@atu.ie](mailto: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 (1 Year)
- Computer-Aided Design and Manufacture
- Enterprise Operations

### Year 4 (Level 8)

- 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 masters in 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.



## Luke O'Connor

### BSc (Hons) in Furniture Design and Manufacture

**Studying Furniture Design and Manufacture at ATU Connemara was an amazing experience for me. I enjoyed living in nearby student accommodation and joining the football team. In third year, I completed my work placement at Joseph Walsh Studio in Cork where I assisted makers in the workshop and installation of finished pieces.**

During my final year I found we were really being prepared for industry, we did project management, CAD/CAM along with a major project. I received the James & Mary Elis Award at the end of the year based off a piece of work I had made along with commitment and character.

After graduating, I was offered a full-time role at Joseph Walsh Studio, where I continue to learn from talented individuals from diverse backgrounds in the industry.





**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 Lettertrack and Year 3 and 4 are delivered at ATU Galway City, Wellpark Road.

[atu.ie/AU680](http://atu.ie/AU680)

 4 Years

 400 (Level 8 2022)

 **Minimum Entry Requirements PLUS**  
 • H5 in DCG or Construction Studies  
 • Garda Vetting

 36 Places

 Work Placement

 Kevin Maye  
 Programme Chair  
[kevin.maye@atu.ie](mailto:kevin.maye@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 Construction Studies 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.

## Special Features (contd.)

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.



## What will I study?

### Year 1

- Academic and Professional Skills
- Design Process
- Projects
- Manufacturing Skills
- Technical Graphics
- School Placement (1 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 (3 weeks)

### Year 3

- Architectural Design
- School Placement 3 (1 Semester)
- Curriculum and Assessment
- Education for Inclusivity and Diversity
- Education Studies
- Education Projects
- Applied Graphics

### Year 4 (Level 8)

- School Placement 4 (1 Semester)
- Advanced Graphics
- Professional Studies
- Building Services and Technology
- Practitioner Research

## 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](mailto:connemara.galwaymayo@atu.ie) for more details)



**Matilda Anderson**

**BSc (Hons) in Education (Design, Graphics, and Construction)**

**I love my course with the mix of practical skills and teacher education modules in ATU. The lecturers have been an amazing support, especially when preparing you for your school placements. A highlight of my time so far has been in second year, I got to compete against my peers in the Ireland Skills competition in Carpentry.**

This national competition promotes the emerging skills of young students and showcases national talent in a wide range of skills categories. I was selected to compete based upon my high level of skill in woodwork and graphics and was only the second female participant in the carpentry competition's history! It's proved to be an amazing experience and one that will leave fond memories with me as I progress towards becoming a post-primary teacher of Construction Studies and Design and Communication Graphics.





**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 practical. 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.

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### NEW CAO Programme at ATU Mayo

CAO Code	Programme Title	Level
AU698	BSc (Hons) in Psychology	8
AU699	BA (Hons) in Outdoor and Environmental Education (Common Entry)	8





**AU696** | Level 8 | Bachelor of Arts (Honours)  
**AU593** | Level 7 | Bachelor of Arts

## Applied Social Care

Social Care is a profession dedicated to changing peoples' lives for the better so that they can be full and empowered participants in shaping their social world. This programme is for people who want to be a change agent. Students will learn about the multiple causes of social oppression and ways of working with people with a variety of needs and backgrounds so they can be healthy, resilient, and free contributors to a caring society. Social care is about liberating people to achieve a better world. This degree is underpinned by an educational philosophy based on human rights, dialogue and lived experience. We have a dedicated full-time placement coordinator who works closely with students to ensure the best possible placement experience.

[atu.ie/AU696](http://atu.ie/AU696)  
[atu.ie/AU593](http://atu.ie/AU593)

 3/4 Years

 261 (Level 8 2022)  
242 (Level 7 2022)

 Minimum Entry Requirements

 60 Places

 Work Placement

 Dr Jarka Velartova  
Programme Director  
[jarka.velartova@atu.ie](mailto:jarka.velartova@atu.ie)

Dr Mark Garavan  
Programme Chair  
[mark.garavan@atu.ie](mailto: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

The career opportunities for the Social Care Worker are varied. Students may pursue postgraduate studies in social care, social work, and many other areas of human and social sciences. Social care workers can gain employment in areas including mental health services community and voluntary organisations, care of the older person, youth work, supporting those in residential care, intellectual disability care, addiction services, traveller groups, childcare services and working with individuals or the broader community.

### 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. Social Care graduates may progress on to a wide variety of post-graduate awards such as further studies in social care, social work, health promotion, research and many other allied disciplines.

### Did You Know?

This programme is approved by CORU and as such, graduates can apply to register with CORU under the title 'Social Care Worker'.

### Professional Accreditation

This programme has CORU approval.

## 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 (Level 7)

- 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

**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. It provides 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](http://atu.ie/AU694)  
[atu.ie/AU591](http://atu.ie/AU591)

 3/4 Years

 247 (Level 8 2022)  
258 (Level 7 2022)

 Minimum Entry Requirements

 24 Places

 Work Placement

 Dr Fiona White  
Programme Chair  
[fiona.white@atu.ie](mailto:fiona.white@atu.ie)

### 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 establish 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. In addition, graduates of the Level 8 are eligible to apply for the Professional Master of Education (PME) for teaching at second level.



## 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 (Level 7)

- 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 are available



**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 programme has award options in Outdoor Education (general), Outdoor Education with Therapeutic Applications and Outdoor Education with Geography.

These degrees offer a unique blend of academic learning and adventure sports training. Students explore outdoor education's therapeutic, developmental, and educational aspects, while also studying Ireland's natural and cultural landscape, health, fitness, group facilitation, recreation management, teaching, and psychology. Each week includes adventure sports practicals in Mayo's mountains and coastline, leading 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 program 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 (Level 8)

- 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)

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 combine 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



162 (Level 7 2022)



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.

## Career Opportunities (contd.)

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 (Level 7)

- 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 are available

## Did You Know?

There is study abroad opportunities with Western Carolina University, USA. Students can study Parks and Recreation for a year in the heart of the Appalachian Mountains. Western Carolina is an excellent location for Whitewater kayaking and other adventure sports. We also have Erasmus exchanges with the University of Galva in Sweden and with two Universities in Norway.

## 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

This degree combines the study of geography, landscape, and adventure. Graduates will be empowered to promote careful use and management of an increasingly threatened natural world. Graduates will educate and lead others in policies and practices that help preserve nature and support sustainable outdoor recreation. Graduates can deliver adventure programmes and interpret the landscape history of the countryside for their clients. Students will work towards National Governing Body (NGB) qualifications in adventure sports while building experience in delivering educational and adventure tourism programmes.

atu.ie/AU693



4 Years



271 (Level 6 2022)



**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 undertake field trips and practical work outside the classroom as part of their studies. Mayo's mountains and the wild Atlantic coast provide an ideal location for fieldwork and practical parts of the course. Students spend one day a week outside developing leadership skills in adventure sports. Building a deep connection with nature and the local landscape are key themes on the course.

## Career Opportunities

Graduates can pursue careers in environmental management, nature conservation, geographical information systems, countryside recreation, trail design,

## Career Opportunities (contd.)

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.

## 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.

## Did You Know?

Students will have the opportunity to take part in an exchange programme with Western Carolina University, USA where they will study Parks and Recreation for a year in the heart of the Appalachian Mountains.

## 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: Leadership Outdoor
- Ecology
- Digital Mapping
- Sustainable Tourism
- Community, Agency and Sustainability
- Advanced Emergency Skills
- Outdoor Education: Theory and Practice
- Irish Cultural Landscape
- Developmental Psychology

### Year 4 (Level 8)

- 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.

Students can also spend a semester in Sweden at the University of Galva studying Arctic Ecology. We also have an exchange programme with two universities in Norway.



# Zach Wright

## BA (Hons) in Outdoor Education

I have grown up immersed in the outdoor world as my parents set up Lilliput Adventure Centre in Westmeath in 1998. I knew several past graduates of the Outdoor Ed degree in ATU and it was recommended to me by anyone I got in touch with during my Leaving Cert year.

ATU Mayo is an extremely unique and personable college experience. I know essentially the entire faculty and student body at this stage, it's a super tight knit community. In my eyes, my lecturers are the gold standard when it comes to the degree.

To have such knowledgeable, experienced, and dedicated lecturers, and to have the opportunity to form such close bonds with them is a privilege. Some of my favourite modules so far have been Environmental Studies, Safety and Legislation, and Leadership and Facilitation.



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 named link lecturer and students are also supported on clinical placement with a named preceptor.

atu.ie/AU690



4 Years



412 (Level 8 2022)



**Minimum Entry Requirements PLUS**

- A laboratory science subject (Biology, Chemistry, Physics), Physics and Chemistry (joint), or Agricultural Science is required.
- Garda Vetting



30 Places



Work Placement



Caroline Kavanagh  
Programme Chair  
caroline.kavanagh@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.

## Career Opportunities (contd.)

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
- 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](http://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
- 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 (Level 8)

- 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)

# Psychiatric Nursing

This four-year BSc (Hons) in Psychiatric Nursing is offered in conjunction with HSE West and the Nursing and Midwifery Board of Ireland (NMBI) has been developed in 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



371 (Level 8 2022)



**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



Agnes Tully Clarke  
Programme Chair  
agnes.tullyclarke@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 psychiatric 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](http://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/Psychiatric Nursing Practice Studies
- Psychosocial Approaches in Mental Health Care
- Learning and Innovation Skills
- Biological Science for Fundamental Nursing Knowledge and Skills
- Personal Professional Development for Mental Health/ Psychiatric Nursing
- Sociological Perspectives on the Human Person
- Practice Placement

### Year 2

- Mental Health/Psychiatric Nursing Practice Studies
- 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/ Psychiatric Nursing
- Practice Placement 2

### Year 3

- Biology in Mental Illness
- Mental Health/Psychiatric Nursing Practice Studies
- Law and Ethics for Psychiatric Nursing
- Enquiry in Nursing Practice
- Personal and Professional Development for Mental Health/ Psychiatric Nursing
- Practice Placement

### Year 4 (Level 8)

- Personal and Professional Development for Mental Health Nursing
- Mental Health/Psychiatric Nursing Practice Studies
- 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](http://atu.ie/AU698)



4 Years



**NEW Programme**



**Minimum Entry Requirements PLUS**  
• Garda Vetting



20 Places



**Work Placement**



Dr Elaine Mc Hugh  
Programme Chair  
[elaine.mchugh@atu.ie](mailto: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
- 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.

## Further Study Options (contd.)

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

The degree has been designed to align closely with the requirements of the Psychological Society of Ireland (PSI), providing a broad base in the core areas of biological psychology, social psychology, cognitive psychology, developmental psychology, individual differences and research methods.

We aim to receive PSI accreditation before the first student cohort finish, which will enhance career opportunities for graduates.



## 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 (Level 8)

- 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](http://atu.ie/AU695)



4 Years



271 (Level 8 2022)



**Minimum Entry Requirements PLUS**  
• Garda Vetting  
• QQI applicants with a Level 6 major award or LINC level 6 special purpose 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](mailto: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 of this degree have a range of career paths in education, health, and social care. They can work as early years practitioners, room leaders, or managers in ECEC settings. Other options include roles as practitioners, team leaders, or managers in social care services. Research graduates may become

## Career Opportunities (contd.)

assistant researchers in voluntary or statutory agencies or academic institutions. Additional opportunities exist in early years specialisation, working with organisations like Barnardo's, Early Childhood Ireland, National Childhood Network, County Childcare Committees, 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 or LINC level 6 special purpose 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](http://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)
- 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 (Level 8)

- 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



# Early Childhood Education and Care

This programme offers opportunities to gain first-hand experiences, knowledge, and perspectives in the field of early childhood education and care. It prepares individuals to work with children ranging from infancy to primary school age. Our program is designed to cultivate passionate and knowledgeable professionals who are committed to early childhood education and care. We place significant emphasis on the importance of play and learning, fostering a close connection with nature and outdoor activities, and recognising children's rights to participate actively. Alongside a solid academic base, we strongly emphasize the practical implementation of theoretical concepts.

atu.ie/AU491



2 Years



213 (Level 6 2022)



**Minimum Entry Requirements PLUS**

- Garda Vetting
- QQI applicants with a Level 6 major award or LINC level 6 special purpose 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.

## 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
- 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

## Did You Know?

Applicants who hold a QQI Level 6 major award or LINC level 6 special purpose 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](http://atu.ie/apply) for more information.



**Karagh Neary**

**BSc (Hons) in Psychiatric Nursing**

**I chose this degree because I really want to make a difference in people's lives and bring about positive changes. I genuinely care about others, and believe my compassion, competence, and friendly nature are crucial qualities for nursing. Psychiatric nursing is rewarding, with job security and versatile opportunities.**

This degree offers a great balance between lectures and on-site learning. Knowing each student by name in a smaller university campus enhances the student experience. I enjoy modules like law and ethics, biology in mental illness, and mental health practice studies. Placements offer valuable exposure to the working world and help in deciding the area of psychiatric nursing to pursue. Staying on top of lectures and making the most of placement time are crucial for critical thinking and competence development.





**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.



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**Rob Lally**

**BB in Rural Enterprise and Agri-Business**

**I wasn't sure what I wanted to do after school, but I enjoyed the more practical aspects of learning. My guidance counsellor encouraged me to explore my interest in agriculture which led me to starting my journey in ATU Mountbellew.**

Firstly, doing the Green Certificate, followed by the Diploma in Dairy Herd, and then progressing to a degree in Rural Enterprise and Agri-Business. Whilst studying at the ATU Mountbellew I developed one of the most successful Macra Na Feirme clubs in the Higher Education setting. Business communications and negotiations and rural development were the modules outside of the practical modules I enjoyed most.

The balance between labs and lecturers' is great, along with the small class sizes. The lecturers are always there to help. Currently I'm a full-time beef farmer, work as a sales representative for Agri-Lloyd Ireland and I'm the newly elected Vice President for Macra Na Feirme.


**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](http://atu.ie/AU606)  
[atu.ie/AU506](http://atu.ie/AU506)

 **3/4 Years**

 **298 (Level 8 2022)**  
**288 (Level 7 2022)**

 **Minimum Entry Requirements**

 **20 Places**

 **Work Placement**

 **Dr Amaya Vega**  
 Programme Chair  
[amaya.vega@atu.ie](mailto:amaya.vega@atu.ie)  
**Dr Edna Curley**  
 Head of Centre,  
 Mountbellew  
[mac@atu.ie](mailto: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 one, 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 agrienterprises, 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 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

### Year 3 (Level 7)

- 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](https://www.atu.ie/AU657)

[atu.ie/AU557](https://www.atu.ie/AU557)

 3/4 Years

 **CAO POINTS**  
360 (Level 8 2022)  
281 (Level 7 2022)

 **Minimum Entry Requirements**

 50 Places

 **Work Placement**

 Dr Ian O'Connor  
Head of Department of  
Natural Resources and  
the Environment  
[ian.oconnor@atu.ie](mailto:ian.oconnor@atu.ie)

Dr Edna Curley  
Head of Centre,  
Mountbellew  
[mac@atu.ie](mailto:mac@atu.ie)

## Special Features

Year 1 of the programme is common with the Bachelor of Business Rural Enterprise and Agri-Business. At the end of year one, students can choose whether they wish to pursue the Bachelor of Science in Agriculture and Environmental Management or the Bachelor of Business in Rural Enterprise and Agri-Business.

## Career Opportunities

These programmes are extremely 'hands-on' with considerable time allocated to the development

## Career Opportunities (contd.)

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 apply internally for Year 4 of the Level 8 programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry. The Level 8 programme is designed to meet the Teaching Council Curricular Subject Requirements (Post-Primary). To qualify as an Agri Science teacher students will need to complete a two-year Professional Masters in Education (PME).

## 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 campus. There is no need to have studied any science subject at Leaving Certificate level; the fundamentals of all science subjects are delivered in Year 1.

## Quick Fact

The Level 7 and Level 8 programme meets 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 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 Drystock Production
- Advanced Dairy Production
- Soil and Analytical Chemistry
- Industry Placement

### Year 3 (Level 7)

- 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



**Kayley Mannion**

**BSc (Hons) in Agriculture and Environmental Management**

**After my Leaving Certificate I completed a certificate in Agriculture in Mountbellew. This led me to further my studies in ATU Mountbellew. I enjoy the vast range of modules covered each semester and the time shared between the ATU Mountbellew and Galway City campuses. This course has provided me with an amazing range of hands-on experiences.**

From project work, lab work and experience from the farm, it has allowed me to understand each concept better. I enjoy student life in ATU, I joined the Women's rugby team and the SU are great, they're always on hand to sort any issues that we are having. I have been a class rep since starting at ATU which I love so much.





**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

9/10 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 2022, 9/10 of ATU Donegal graduates either secured work or pursued further study within four months of graduating. There has been a 48% increase in student enrolment figures at ATU Donegal over the last eight academic years.

## 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.





# 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** 307 (Level 8 2022)

**Minimum Entry Requirements**

**50 Places**

**Work Placement**

Patricia Doherty  
Head of Department  
of Business Studies  
patricia.doherty@atu.ie

## Special Features

In addition to learning basic 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 institutes and 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 are available

# 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** 317 (Level 8 2022)

**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

There is a growing shortage of accountants in Ireland. Accountants, Auditors and Tax professionals are consistently on the Irish government's critical skills shortage list.

## 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

Additional elective options are available

## 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'.





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



307 (Level 8 2022)



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 institutes and 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

Additional elective options are available

## Quick Fact

Marketing is one of the top 10 most-in-demand skills in 2023.



# Lisa Gallagher

## BBs (Hons) in Marketing with Online Technologies

**Lisa Gallagher began her third level journey further afield and realised that she would like to be closer to home. The honours degree programme in Marketing with Online Technologies appealed to Lisa.**

“I wanted to get back to Donegal and get my driving licence and a car and enjoy the financial freedom of studying closer to home.”

“I absolutely love the programme. I didn’t know what to expect but every module is fascinating, and I am learning so much about marketing, online technologies, and the industry. The lecturers have great links with industry and help us to source experience and employment.”

“The programme is reflective of the skills that are required in the workplace. We also get to participate in real world projects. My class provided guidance to a company about new product development and marketing campaign strategies.”



# 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

 196 (Level 7 2022)

 Minimum Entry Requirements

 100 Places

 Erasmus+

 Patricia Doherty  
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of Business Studies  
[patricia.doherty@atu.ie](mailto: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.



## 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 and UX Design

This programme has been designed to provide students interested in Art and Design with an opportunity to try various subject areas before choosing a specialism. Our common entry programme gives students the opportunity to take modules in Animation, Film and Media Production, Graphic and UX Design, Fashion Design with Promotion, as well as core art and design modules, before having to choose a specialist area in the Level 8 degree.

The first semester of this programme is common to all students. The modules studied will give equal exposure to Animation, Film and Media Production, Graphic and UX Design and Fashion Design with Promotion. Students choose their specialist area in the second semester.

atu.ie/AU330



4 Years



301 (Level 8 2022)



Minimum Entry Requirements



24 Places



Work Placement



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Head of Department of  
Design and Creative Media  
nollaig.crombie@atu.ie

## Career Opportunities (contd.)

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.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## Common Entry

This common entry-degree in Design offers four different pathways to Animation, Fashion Design with Promotion, Graphic and UX Design or Film and Media Production after the first semester.

## 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 and UX Design

#### 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



# 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



190 (Level 7 2022)



**Minimum Entry Requirements PLUS**

- Art or Graphic Design O6/H7 or
- Portfolio
- Maths not required



24 Places



Work Placement



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## 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

Reserved places apply for 10 QQI FET applicants on this programme.

## 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

# 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



214 (Level 7 2022)



**Minimum Entry Requirements PLUS**

- Maths not required



24 Places



Work Placement



Erasmus+



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## 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

Reserved quotes apply for 10 QQI FET applicants on this programme.

## 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







# Marty Smyth

## BA in Graphic and UX Design

From the stage to the lecture theatre to UX designer, Marty Smyth pressed pause on his educational journey to follow his dream of a career as a musician.

“I am delighted to have enjoyed success with my music but, in my early 30’s I decided to return to education with a view to finding a way to subsidise my musical interests.”

“What I loved most about the programme was that it gave you little windows into different sides of design and I got a taste of what each had to offer. It set me up for working in the industry because in my role today I use a cross section of design skills.”

“I now work full-time with Bord Gáis Energy as a UX designer. I’m really enjoying the role.”

AU233 | Level 7 | Bachelor of Arts

# Graphic and UX Design

Graphic and UX Design is one of the most rapidly changing design disciplines, demanding that the graphic designer continuously responds with creativity and ingenuity to the demands of a visually literate public whose expectations of what is possible continue to rise. It is a continuous challenge to the designer to create inventive visual content.

This programme aims to immerse the student in a wide range of design disciplines, from photography and image making to motion graphics and interactive design, allowing the graduate to creatively apply and continuously develop their knowledge in the professional world.

[atu.ie/AU233](http://atu.ie/AU233)

3 Years

207 (Level 7 2022)

**Minimum Entry Requirements PLUS**  
• Art or Graphic Design O6/H7 or  
• Portfolio  
• Maths not required

24 Places

Work Placement

Erasmus+

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### Career Opportunities

Graduates may find employment in the visual communications, graphic and UX design industries both in Ireland and abroad. The skills acquired are highly transferable. Employers range from brand, advertising and marketing agencies to companies with in-house marketing teams, publishers, the media, graphic design consultancies and web design companies. Many designers also set up their own business.

Graduate careers typically include graphic designer, advertising and art direction, UX/UI/IXD designer, web designer, interactive media designer, motion graphics designer, print and publishing designer, freelance designer and illustrator.

### Further Study Options

Graduates may apply to join Year 4 of the Level 8 programme in Graphic and UX Design. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

### Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## 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



# 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

171 (Level 7 2022)

**Minimum Entry Requirements PLUS**

- Art or Graphic Design O6/H7 or
- Portfolio
- Maths not required

24 Places

Work Placement

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## 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

Reserved places apply for 10 QQI FET applicants on this programme.

## 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

# Communications with English

The Communications with English programme includes contemporary aspects of communications such as communications and creativity, applied communications, media and communications law and emerging technologies. This programme embeds strong links with industry which enables learners to undertake an industry-driven capstone project.

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. 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.

atu.ie/AU312

3 Years

**NEW Programme**

**Minimum Entry Requirements PLUS**

- Min. H5 in English

50 Places

Bronagh Heverin  
Head of Department of Law, Public Service and Education  
bronagh.heverin@atu.ie

## Career Opportunities

Graduates may find work as a 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.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## 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

Additional elective modules are available





# Corporate Law

This new programme in Corporate Law includes subjects such as contemporary aspects of corporate law, banking law, financial services regulation, insurance law, commercial law and privacy/data protection.

Graduates from this programme will have an understanding of the Irish legal system and legal processes and also the fundamentals of business and corporate law.

This is a qualifying law degree which means that it contains all the requisite core law modules required to support graduates to undertake entrance exams for the Law Society of Ireland, should they wish to qualify as a solicitor.

atu.ie/AU311

3 Years

NEW Programme

Minimum Entry Requirements

50 Places

Work Placement

Erasmus+

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Head of Department of Law, Public Service and Education  
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## 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.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## 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



# 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) which 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. 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.

atu.ie/AU310

3 Years

304 (Level 8 2022)

Minimum Entry Requirements

50 Places

Work Placement

Erasmus+

Bronagh 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 & IT in Financial Services. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## 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

## 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 with Criminal Justice

This programme is for students who have an interest in how law is practiced and what it means in everyday life. Legal education provides entry to a range of rewarding and stimulating careers. This programme allows the student to combine the study of a law degree with criminal justice.

Students will have the opportunity for work placement or street law which involves teaching law to the community or local schools.

For students interested in crime, criminology, conflict resolution and practical application of the law, this programme will provide a gateway to a wide range of exciting careers.

**atu.ie/AU210**

 3 Years


 164 (Level 7 2022)

 Minimum Entry Requirements

 70 Places

 Work Placement

 Erasmus+

 Bronagh 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.

**Quick Fact**

Reserved places apply for 10 QQI FET applicants on this programme.

**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

**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



**Amanda Sweeney**

**Bachelor of Law (Hons) LLB**

**Amanda started her journey into third level further afield. “I began to think about returning to college but with a change in circumstances, I was unable to study away from home. I began to research the options that are on my doorstep.”**

“I applied for the LLB programme as a mature student. The staff were fantastic, and I got to carry over some modules from my previous programme. Every lecturer helped me in every way they could and encouraged me to do well.”

After graduation, Amanda continued on to a master’s programme at Queens University. “Studying at ATU Donegal presented a lot of opportunities for me. I am currently working with Peter Nolan B.L as an Associate Legal Executive. In the future, I hope to become a barrister or a solicitor.”





**DIRECT** | Level 6 | Certificate

# Preparatory Studies for Higher Education (Access Course)


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 courses in a wide range of disciplines. This will not depend on the particular electives chosen. The skills, knowledge and competencies developed by the students during this programme should ensure a reasonable prospect of success in subsequent studies.

[atu.ie/accessdonegal](http://atu.ie/accessdonegal)

 1 Year

 Direct Entry

 100 Places

 Bronagh Heverin  
Head of Department of Law, Public Service and Education  
[bronagh.heverin@atu.ie](mailto:bronagh.heverin@atu.ie)

## Entry Requirements

- School leavers between the ages of 17-22 years who have been out of school for at least 2 years and who meet the socio-economic and academic criteria as set down by the institution.
- Adult students 23 years of age or over on 1st January of the year of application to the Access Course. 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.

## What will I study?

### Year 1

- Application of Numbers
- Learning Skills and Personal Development
- ICT
- College Skills and Career Planning
- Academic Writing
- STEM Stream
- Maths for STEM
- Humanities Stream
- Research Fundamentals

Additional elective modules are available

## Further Study Options

Students who successfully pass this programme with an overall average of 50% or over will have the opportunity to progress to any programme of their choice (except Nursing) at ATU Donegal. Quotas may apply for some programmes.

**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](http://atu.ie/AU322)

 3 Years

 307 (Level 8 2022)

 Minimum Entry Requirements

 40 Places

 Work Placement

 Nicola Dunnion  
Head of Department of Tourism and Sport  
[nicola.dunnion@atu.ie](mailto:nicola.dunnion@atu.ie)

## 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.

## 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.

## 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.

## What will I study?

### Year 1

- Bar Operations
- Restaurant Operation
- 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
- Specialised Restaurant Culinary Skills
- Events Management
- Staff Training and Development

### Year 3

- Strategic Revenue Management
- Financial Accounting for Hospitality
- Sustainable Hospitality Management
- Strategic Hospitality Management
- Talent Management and Employment Legislation
- Marketing Management Strategy

## Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.





# Tourism and Hospitality Operations

This programme is for students who want to work in the tourism industry. It is experiential in nature and combines practical classes, field trips and work experience all of which will equip a graduate to work in tourism and hospitality in Ireland and around the world.

This programme focuses on the operational aspect of hospitality management. Students study subjects such as bar and restaurant operations, beverage management, rooms division management and culinary skills. In addition, students will acquire the digital skills required to work in the sector. They also study tourism and discipline specific subjects such as guiding and tourism destination development.

atu.ie/AU221

 3 Years

 166 (Level 7 2022)

 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

Reserved places apply for 10 QQI FET applicants on this programme.

## What will I study?

### Year 1

- Bar Operations
- Restaurant Operation
- 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
- Specialised Restaurant Culinary Skills
- Events Management
- Staff Training and Development

### Year 3

- Work Placement
- Tourism Destination Development
- Guiding Mandatory
- Website Performance



# 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

 171 (Level 7 2022)

 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

Reserved places apply for 10 QQI FET applicants on this programme.



## 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





**David Keaneey**

**BA in Tourism and Hospitality Operations**

In his final year of college, David interviewed for an internship as a member of the household staff of Áras an Uachtaráin and was delighted to be offered the position. The Office of Public Work (OPW), on behalf of the state, manages the Áras and this was their first time to offer such an internship.

This unique opportunity allows a student to join the professional staff there for almost four months, receiving in-depth and hands-on experience at the highest levels of service. David was a success at interview and was offered the position.

“I was delighted to finish out my programme completing a placement serving the President of Ireland, Michael D. Higgins. The placement involved looking after the President and guests.”

AU321 | Level 8 | Bachelor of Science (Honours)

## Athletic Therapy and Exercise Rehabilitation

This four-year honours degree programme equips learners with the knowledge and clinical skills to successfully diagnose, manage, and treat injuries in high-performance athletes, recreational exercisers, and the general public. Sport and exercise are critical for health and performance and there is high demand for graduates with the ability to deliver rehabilitation at all levels of sport and physical activity. This programme provides training in contemporary diagnostic and therapeutic techniques.

The first two years provide the core foundation of the degree, including anatomy, physiology, and musculoskeletal assessment while the last two years develop clinical skills through student-led clinics, a work placement, and a clinical research project.

atu.ie/AU321

4 Years

302 (Level 8 2022)

**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 institutes and universities in Ireland and abroad.

### Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

### Professional Accreditation

Pending Accreditation from Athletic and Rehabilitation Therapy Ireland (ARTI).

## What will I study?

### Year 1

- Health Related Physical Activity 1 and 2
- Clinical Anatomy and Physiology
- Clinical Skills and Methods
- Exercise Prescription and Programme Design
- Musculoskeletal Assessment

### Year 2

- Biomechanics and Movement Analysis
- Sports Nutrition & Hydration
- Injury Diagnostics
- Exercise Physiology
- Foundations of Strength and Conditioning
- Soft Tissue Manual Therapy

### Year 3

- Personal Fitness Instruction
- Neuromusculoskeletal Physical Therapy
- Applied Clinical Practice
- Research Methods
- Pathology of Injury
- Applied Clinical Techniques

### Year 4

- Clinical Work Placement
- Research Project
- Psychology of Injury and Rehabilitation

Additional elective modules are available



# Sports and Exercise (Common Entry)

## Degree Award Options:

- Performance and Wellbeing
- Physical Education

This programme has been designed for students who wish to study sport and exercise at third level, with the option of specialising in either sports performance and wellbeing or physical education studies.

The first two years of this programme provide the core foundation of the degree. Years 3 and 4 allow specialisation whereby the student chooses their preferred stream, either performance and wellbeing or physical education studies.

The performance stream pairs research theory with a range of applied performance related areas including strength and conditioning, psychology and nutrition. The education system pairs research theory with curriculum based instructional models that focus on how physical activity and sport can be taught through games, aquatics, gymnastics, dance, athletics and outdoor adventure education.



atu.ie/AU320

4 Years

307 (Level 8 2022)

**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 institutes and 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.

## Quick Fact

Reserved places apply for 10 QQI FET applicants on this programme.

## 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
- Health Promotion and Wellbeing Gym and Dance
- Movement Studies: Gym and Dance
- Developing as a Physical Educator
- Work Placement or Erasmus Placement

#### Year 4

- PE and Adapted Physical Activity
- Athletics and Games
- Research Methods
- Research Project
- Adventure and Aquatics Studies



# 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

207 (Level 7 2022)

**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

Reserved places apply for 10 QQI FET applicants on this programme.

## 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
- Personal Fitness Instruction
- Developing as a Sports Practitioner/Physical Educator
- Health Promotion and Wellbeing
- Movement Studies: Gym and Dance
- Work Placement or Erasmus Placement

Additional elective modules are available



**Aoife Mc Colgan**

**BSc (Hons) in Sports and Exercise**

Aoife's love for sport influenced her decision to enrol on the sports programme. She began her journey on the two year Level 6 Sports Studies programme and then completed the bridging module into Year 2 of the Sports & Exercise programme.

"I have a keen interest in the sporting industry, and I was lucky to be awarded a scholarship which greatly helped me on my journey."

"I chose the performance stream because of my love of team sports. I have worked alongside my local team implementing what I have learned from the programme which has been a great opportunity to gain valuable experience."

"I played soccer and gaelic for the college. I got to study, play my favourite sports, meet new people, and travel the country. I progressed to the masters programme at ATU and I am now undertaking a PhD further afield."





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 general 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 the competencies to work as Architectural Technologists.

atu.ie/AU343



4 Years



317 (Level 8 2022)



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.



## Special Features (contd.)

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, building information modelling (BIM), local authority, property development, housing associations, engineering, manufacturing or graphic design.

## Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Progression to Chartered Architectural Technologies (MCIAT) is possible by professional assessment and interview.

## Did You Know?

Students on this programme take part in a one-year paid work placement.

## Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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

## Professional Accreditation

This programme is accredited by the registration (UK) body, the Chartered Institute of Architectural Technology (CIAT).



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



308 (Level 8 2022)



Minimum Entry Requirements



24 Places



Work Placement



Anne Boner  
Head of Department  
of Civil Engineering  
and Construction  
anne.boner@atu.ie

## 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 or the Stardust and domestic fires in Ireland leading to loss of life and property means that fire safety engineering is crucial in building design, construction, maintenance and occupation.

## 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, prison service or airport authority.

## Further Study Options

Graduates progress to fire safety engineering related master's programmes at ATU Donegal (by research) and elsewhere. A taught Masters in Fire Safety Engineering is being developed at ATU Donegal. Progression to becoming Chartered Engineer (CEng MIEI) with Engineers Ireland is possible with an accredited master's degree. The four-year programme is fully accredited by Engineers Ireland (Washington Accord), reaching the honours degree academic standard for Chartered Engineer (with further study).

## Did You Know?

ATU Donegal is unique in offering fire safety engineering on the CAO.

## Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this 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

## Professional Accreditation





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



307 (Level 8 2022)



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.

## Further Study Options (contd.)

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 will be developed in a financial, legal and ethical context.

## Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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

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



233 (Level 8 2022)



Minimum Entry Requirements



24 Places



Work Placement



Anne Boner  
Head of Department  
of Civil Engineering  
and Construction  
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## 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. It is expected that the Level 7 programme will gain CIOB accreditation.

## 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



# Joseph McGrenra

## BEng in Civil Engineering

**“ATU offer an Engineers Ireland accredited BEng in Civil Engineering which had a huge influence on my course choice. As well as that, ATU have fantastic laboratory facilities and offer a very practical civil engineering course which is not available at many third level institutions.”**

“I enjoyed the practical aspects of the Civil Engineering course at ATU. The practical knowledge gained in the modules were vital for entering the construction industry post-graduation.”

Joseph was awarded the Institution of Structural Engineers (IstructE) Student Technician prize for his excellent structural engineering project, titled “The Design & Analysis of Embedded Retaining Systems,” which recognised the outstanding achievement of Joseph in his category for his exceptional academic work. “Since graduation, I’ve been working for a Civil Engineering and Construction contractor in Dublin gaining valuable experience within the industry.”



**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](http://atu.ie/AU341)  
[atu.ie/AU240](http://atu.ie/AU240)

 **3/4 Years**

 **300 (Level 8 2022)**  
**199 (Level 7 2022)**

 **Minimum Entry Requirements**

 **24 Places / 24 Places**

 **Work Placement**

 **Anne Boner**  
 Head of Department  
 of Civil Engineering  
 and Construction  
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### 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.

### Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

### 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

### 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

Additional elective modules are available as an alternative to work placement





# Building Engineering (Common Entry)

## Degree Award Options:

- Building Engineering with Renewable Energy
- Fire Safety Engineering

This common entry building engineering programme leads to a Bachelor of Engineering award in Building Engineering with 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 with 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 the design, construction and maintenance of building. It is also referred to as architectural engineering and 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 Donegal has the only educational fire laboratory in the Republic of Ireland.



atu.ie/AU243



3 Years



NEW Programme



Minimum Entry Requirements



24 Places



Work Placement



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## 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, 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 (Stage 4).

Graduates of the BEng in Building Engineering may progress to the BSc (Honours) in Fire Safety Engineering. 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.

## 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.

## Common Entry

This is a common entry degree with award options in Building Engineering with Renewable Energy or Fire Safety Engineering.

## Professional Accreditation

It is expected that the BEng in Building Engineering will meet the Engineers Ireland education standard for the registration of Associate Engineer (Sydney Accord).



## 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

### 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





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



216 (Level 7 2022)



Minimum Entry Requirements



24 Places



Work Placement



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## 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.

## Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

## Professional Accreditation

The BEng in Civil Engineering meets the Engineers Ireland education standard for the registration of Associate Engineer.



## 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.

## 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

AU361 | Level 8 | Bachelor of Science (Honours)

# Computer Science

This programme is designed for students who have completed the Leaving Certificate Computer Science subject (with a O4 or H6) or a GCE in Computing (or equivalent, for example, a BTech in Computing). Certain other equivalent qualifications such as a QQI FET Level 5 award in Computing will also be considered.

This three-year fast-track honours degree allows learners, who already have a background in computing, to "get up to speed" quickly on the core curriculum and rapidly progress to more advanced topics. It is a broad-based computing programming course which covers a full range of core topics including programming, databases, networking, machine learning and AI and data science apps.

atu.ie/AU361



3 Years



324 (Level 8 2022)



Minimum Entry Requirements PLUS

- Computer Science O4/H6 or
- GCE in Computing



24 Places



Work Placement



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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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



# 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



NEW Programme



Minimum Entry Requirements



24 Places



Work Placement



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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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

# 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 ythat deal with the human-computer interface point.

## atu.ie/AU362



4 Years



327 (Level 8 2022)



Minimum Entry Requirements



24 Places



Work Placement



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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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.

## 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



# 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

307 (Level 8 2022)

Minimum Entry Requirements

24 Places

Erasmus+

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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.



## 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

# 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.

The computer games industry in Ireland is a relatively young and growing industry, this programme has been developed with that in mind.

atu.ie/AU260

3 Years

170 (Level 7 2022)

Minimum Entry Requirements

24 Places

Work Placement

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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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





**Danielle Mc Laughlin**

**BSc in Computing with Cybersecurity and Digital Forensics**

**“I chose Cyber Security & Digital Forensics because I knew that it would open my career opportunities to a wide range of roles. The small class sizes were perfect and allowed us to engage with the lecturers who were always supportive and offering guidance”.**

“During my studies I participated in team projects as part of assessments. These were invaluable and I learned how to work well as part of a team and to utilise my skill set. This experience has guided me in my current job today where I work as part of a team on a daily basis in a dynamic setting.”

“I currently work for the company All State. I got the job offer the December before I graduated so I left college with employment lined up in the area of work that I love.”

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.

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.

[atu.ie/AU262](https://atu.ie/AU262)

 **3 Years**

 **169 (Level 7 2022)**

 **Minimum Entry Requirements**

 **24 Places**

 **Work Placement**

 **Jade Lyons**  
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### 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.

### Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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



# 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



227 (Level 7 2022)



Minimum Entry Requirements



24 Places



Work Placement



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## 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 companies 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## 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 Orientated 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

# 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



307 (Level 8 2022)  
176 (Level 7 2022)



Minimum Entry Requirements



40 Places



Work Placement



Thomas Dowling  
Head of Faculty  
Engineering and  
Technology  
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## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

## Professional Accreditation

The BEng (Hons) in Mechanical Engineering meets the education standard for registration with Engineers Ireland as an Associate Engineer.



## What will I study?

### Year 1

- Mathematics 1 and 2
- Engineering Science 1 and 2
- Computing for Engineering
- Engineering Drawing and CAD
- Engineering Problem Based Learning 1 and 2
- Programming 1
- Engineering Workshop Technology 1
- Analogue Electronics 1

### Year 2

- Mathematics 3 and 4
- Electrical Technology 1 and 2
- Programming 2
- Communications Fundamentals
- Analogue Circuit Design 1 and 2
- Microcontrollers
- Instrumentation

### Year 3

- Mathematics 5 and 6
- Project
- Embedded Systems 1
- Digital Communications and Transmission
- Automation Technology 1
- Analogue Electronics 2
- Wireless Communications
- Engineering Management 1

### Year 4 (Level 8)

- Automation Technology 2
- Project 1 and 2
- Embedded Systems 2 and 3
- Communications Technologies for Embedded Systems
- VHDL and Programming
- Engineering Management 2
- Data Science and Machine Learning
- Networking of Embedded Systems
- Professional Practice

Additional elective modules are available



# Engineering (Common Entry)

## Degree Award Options:

- Mechanical Engineering
- Electric Vehicle Engineering

This programme is aimed at prospective students who are interested in engineering but have not yet committed to a specific discipline area. The demand for mechanical engineers and electric vehicle engineers has been strong in recent years, and the need for engineers to support the emergence of electric vehicles is also evident.

Graduates of this programme will have the technical and managerial skills necessary to enter careers in the design, application, installation, manufacturing, operation and maintenance of a range of technical systems.

atu.ie/AU253

 3 Years

 **NEW Programme**

 **Minimum Entry Requirements**

 48 Places

 **Work Placement**

 Thomas Dowling  
Head of Faculty  
Engineering and  
Technology  
thomas.dowling@atu.ie

## Special Features

This programme offers a common first year which includes modules in Engineering Problem-Based Learning where students complete mini-projects relevant to mechanical engineering and electric vehicle engineering.

## Career Opportunities

Graduate careers for Mechanical Engineers include working as a product and process designer, production or general manager, maintenance technician or engineer, technical support manager, technical sales advisor, or research engineer.

Graduate careers for Electric Vehicle (EV) Engineers include working as an EV design engineer, fuel cell engineer, EV powertrain engineer, EV systems engineer or research engineer.

## Further Study Options

Graduates may continue their studies to the add-on BEng (Honours) in Mechanical Engineering.

## Quick Fact

Reserved quota places apply for 10 QQI FET applicants on this programme.

## Did You Know?

An optional special purpose award is available for a work placement as part of these programmes.

## Common Entry

This is a common entry degree with award options in Mechanical Engineering or Electric Vehicle Engineering.

## Professional Accreditation

The BEng in Mechanical Engineering and meets the Engineers Ireland education standard for the registration of Associate Engineer.



## What will I study?

### Year 1

- Mathematics 1 and 2
- Engineering Science 1 and 2
- Computing for Engineering
- Engineering Drawing and CAD
- Engineering Problem Based Learning 1 and 2
- Programming 1
- Engineering Workshop Technology 1
- Analogue Electronics 1

## Mechanical Engineering

### Year 2

- Mathematics 3 and 4
- Mechanics 1 and 2
- Mechanical Design 1 and 2
- Engineering Workshop Technologies 2
- Engineering Materials
- Manufacturing CNC 1 and 2
- Instrumentation
- Thermodynamics

### Year 3

- Mathematics 5 and 6
- Mechanics 3 and 4
- Mechanical Design 3 and 4
- Automation Technology 1
- Pneumatics
- Automation Project Design and Build
- Engineering Management 1
- Hydraulics

Additional elective modules are available

## Electric Vehicle Engineering

### Year 2

- Mathematics 3 and 4
- Mechanics 1 and 2
- Mechanical Design 1 and 2
- Automotive Components
- Engineering Materials
- Electric Vehicle Manufacturing 1 and 2
- Automotive Control Systems
- Electric Vehicle Low Voltage and High Voltage Systems

### Year 3

- Mathematics 5 and 6
- Mechanics 3 and 4
- Mechanical Design 3 and 4
- High Voltage Design and Hardware
- Vehicle Chassis Dynamics
- Automotive Project Design
- Engineering Management 1
- Thermodynamics and Battery Technology
- Automotive Project Build

Additional elective modules are available





# 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 Vehicles. Hyundai who are major players in the transition to Electric Vehicles are supporting the roll-out of this programme. This programme will cover technology associated with a wide range of vehicles including cars, public transport vehicles, goods vehicles, and specialist industrial vehicles.

## atu.ie/AU252



3 Years



281 (Level 7 2022)



Minimum Entry Requirements



30 Places



Work Placement



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Engineering and  
Technology  
thomas.dowling@atu.ie

## Special Features

An optional special purpose award is available for a work placement.

## Career Opportunities

Graduates may find work with electric vehicle manufacturers, local industries that incorporate self-propulsion such as quarry crushing, electric vehicle component manufacturers, EV conversion companies, dealership networks and fleet management, motor-sport, public transport, vehicle testing and vehicle inspection.



## What will I study?

### Year 1

- Mathematics 1 and 2
- Engineering Science 1 and 2
- Computing for Engineering
- Engineering Drawing and CAD
- Engineering Problem Based Learning 1 and 2
- Programming 1
- Engineering Workshop Technology 1
- Analogue Electronics 1

### Year 2

- Mathematics 3 and 4
- Mechanics 1 and 2
- Mechanical Design 1 and 2
- Automotive Components
- Engineering Materials
- Electric Vehicle Manufacturing 1 and 2
- Automotive Control Systems
- Electric Vehicle Low Voltage and High Voltage Systems

### Year 3

- Mathematics 5 and 6
- Mechanics 3 and 4
- Mechanical Design 3 and 4
- High Voltage Design and Hardware
- Vehicle Chassis Dynamics
- Automotive Project Design
- Engineering Management 1
- Thermodynamics and Battery Technology
- Automotive Project Build

Additional elective modules are available

## Further Study Options

Graduates may continue their studies to the add-on BEng (Honours) in Mechanical Engineering at ATU Donegal and an add-on BEng (Honours) in Electric Vehicle Engineering is in Development.

## 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

Reserved quota places apply for 10 QQI FET applicants on this programme.

# Shaun Mc Menamin

## BEng (Hons) in Mechanical Engineering

With a career change in mind, Shaun returned to education as a mature student to reskill in Engineering.

“I always had an interest in the area of Mechanical Engineering, and I enjoy problem solving and maths. With a love for many areas of engineering including energy, agriculture and motorsport, I felt that studying mechanical engineering would open a world of opportunities for careers in these industries”.

“This was the best decision of my life. I now have a broad qualification that I can adopt for many different roles.”

“I have since continued my studies with the Master of Engineering with Management programme at Queens University. I gained employment easily and I am currently working as Research & Development Engineer for E & I Engineering group who are experts in global power distribution solutions.”



**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



300 (Level 8 2022)  
161 (Level 7 2022)



**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)



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Head of Department of  
Early Education and  
Social Studies  
nigel.mckelvey@atu.ie

### Special Features

Placement is an integral part of the course 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

Reserved quota places on this programme apply for 4 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 applicants internally progressing from Access studies.

## 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



# Zoe Graham

## BSc (Hons) in Early Childhood Care, Health and Education

**Zoe Graham's passion for early years education is infectious. Driven for a career in this area Zoe graduated and immediately took up a role as an early year's educator.**

"My passion in the area has always made me dream of lecturing so that I could share my knowledge with learners. I am enthusiastic about education and encouraging and equipping students to be ready to work in this dynamic changing industry. I then completed the Masters in Advanced Health & Social Care at ATU Donegal."

"I now work as a practicing manager in an early years and school aged setting. I also applied for the lecturing panel at ATU Donegal and was delighted to have been selected for the part-time panel. I now get to enjoy my dream career."



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



281 (Level 8 2022)



### 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



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Early Education and  
Social Studies  
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### Special Features

Placement is an integral part of this course 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 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.

### Quick Fact

Reserved quota places on this programme apply for 4 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 internal applicants progressing from Access studies.

### Professional Accreditation

This BSc (Hons) in Health and Social Care programme has made an application for approval by CORU. There is no guarantee that the programme will be approved. The accreditation process may take several months.

## What will I study?

### Year 1

- Introduction to Psychology and Sociology
- Professional Scholarship
- Introduction to Irish Law
- Human Physiology and Health 1
- Disability Awareness
- Preparation for Practice
- Law and Ethics
- Child Protection and Safeguarding Vulnerable Persons
- Human Physiology and Health 2

### Year 2

- Practice Placement 1
- Positive Ageing and Care
- Health Promotion
- Responding to Behaviours of Concern
- Psychological Well-Being and Distress

### Year 3

- Research Processes and Methods for Social Care
- Social Care to Support Children and Families
- Methods and Approaches in Health and Social Care
- Climate Change and the Future of Youth and Community Work
- Practice Placement 2

### Year 4

- Research for Evidence-Based Practice
- Addiction Studies
- Therapeutic Interventions in Social Care
- Management and Development
- Practice Placement 3
- Employability and Continuing Professional Development

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



253 (Level 7 2022)



### 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



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### 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

Reserved places on this programme apply for 4 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 internal applicants progressing from Access studies.

## 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.





## Margaret Brophy

### BSc (Hons) in Pharmaceutical and Medicinal Science

**“I loved the programme from day one. The split of practical and theoretical learning is the perfect balance for me. I learn by doing so I can really understand the theory when I can apply it to the practical learning. The labs and facilities are great, and the lecturers are very helpful.”**

Margaret has recently won an award for ‘Best Analytical Science Student 2023’. Uniquely awarded to the best performing Analytical Chemistry student, with big competition from third level institutions across the country each year.

“I love Donegal. It feels like home. There’s so much to do in Letterkenny, I didn’t expect to have such a bustling town. In contrast, I love exploring the coast and the peacefulness that it provides too. Donegal people are so friendly and kind.”

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

 NEW Programme

 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

Reserved quota places on this programme apply for 2 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 applicants progressing internally from Access studies.

### 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



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](http://atu.ie/AU370)



4 Years



NEW Programme



Minimum Entry Requirements



28 Places



Work Placement



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## 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.



## 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

10 quota places are reserved for QQI FET Applicants.



## 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](http://atu.ie/AU373)



4 Years



NEW Programme



Minimum Entry Requirements



32 Places



Dr Kim McFadden  
Head of Department of Life and Physical Sciences  
[kim.mcfadden@atu.ie](mailto: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

10 quota places are reserved for QQI FET Applicants.



## 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



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



NEW Programme



Minimum Entry Requirements



32 Places



Work Placement



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## Special Features

Students who chose the Food Science and Nutrition degree award option can take a work placement in Year 3.

## Quick Fact

Reserved quota places on this programme apply for 2 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 applicants progressing internally from Access studies.

## 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



401\* (Level 7 2022)

\*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.

## 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

Reserved places on this programme apply for 2 QQI FET applicants, 1 mature applicant, 1 HEAR applicant, 1 DARE applicant and 1 applicant progressing internally from Access studies.

## 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



197 (Level 7 2022)



**Minimum Entry Requirements**



32 Places



Work Placement



Erasmus+



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## 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). Quick Fact Reserved quota places on this programme apply for 2 QQI FET applicants, 1 mature applicant, 1 HEAR applicant, 1 DARE applicant and 2 applicants progressing internally from Access studies.

## 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.

## Placement

Placements can be assigned to anywhere in Ireland. Travel and accommodation are the responsibility of the learner.

## 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



# 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



300 (Level 8 2022)



Minimum Entry Requirements



32 Places



Work Placement



Erasmus+



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Head of Department of Life and Physical Sciences  
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## 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.

## 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

Reserved quota places on this programme apply for 2 QQI FET applicants, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 2 applicants progressing internally from Access studies.

## 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







**Kira Williams**

**Higher Certificate in Dental Nursing**

“I decided to go back to college as a mature student and it’s been the best decision I’ve made. I thoroughly enjoyed my experience on the course. The course content is completely relevant to the job of a dental nurse and is very hands on, which I loved.”

“Between the facilities at ATU, clinical modules and clinical placements, I felt prepared for employment. Often you gain employment during your placements, which happened for me.”

“There are so many opportunities for dental nurses whether they decide to stay here in Ireland or travel abroad. It’s a skill that’s highly desired. I moved from Donegal to another county and gained full-time employment immediately after my exams had finished in May.”

# 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

216 (Level 6 2022)

**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**

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### 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.

### Further Study

Graduates may progress to a range of programmes such as dental hygiene and dental practice management in institutes and universities in Ireland and abroad.

## 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

### Quick Fact

Reserved places on this programme apply for 2 QQI FET applicants, 1 mature applicant, 1 HEAR applicant, 1 DARE applicant and 1 applicant progressing internally from Access studies.

### Professional Accreditation

This programme is fully accredited by the Dental Council of Ireland.





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



347 (Level 6 2022)



**Minimum Entry Requirements PLUS**

- Min H5 in Biology
- F2/O6/H7 in Maths
- Garda Vetting
- Health Declaration
- Coventry University Registration



16 Places



Work Placement



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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.

## 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

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

## Quick Fact

Reserved quota places on this programme apply for 1 QQI FET applicant, 1 mature applicant, 1 HEAR applicant and 1 DARE Applicant.

## Professional Accreditation

Graduates of Health Science with Dietetics Studies in ATU Donegal are not qualified as Dietitians 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



307 (Level 6 2022)



**Minimum Entry Requirements PLUS**

- Min H5 in Biology
- F2/O6/H7 in Maths
- Garda Vetting
- Health Declaration
- Coventry University Registration



16 Places



Work Placement



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## 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

## Quick Fact

Reserved quota places on this programme apply for 1 QQI FET applicant, 1 mature applicant, 1 HEAR applicant and 1 DARE applicant.

## 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



473 (Level 7 2022)

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



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Head of Department of Life and Physical Sciences  
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## 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

## Quick Fact

Reserved quota places on this programme apply for 1 QQI FET applicant, 1 mature applicant, 1 HEAR applicant and 1 DARE applicant.

## 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



222 (Level 6 2022)



**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



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## 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.

## 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 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.

## Quick Fact

Reserved places on this programme apply for 1 QQI FET applicant, 2 mature applicants, 1 HEAR applicant, 1 DARE applicant and 1 applicant progressing internally from Access studies.

## 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.



# 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



408 (Level 8 2022)

Not all applicants who achieved these points received a place



- 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  
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## 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

Reserved quota places on this programme apply for 3 QQI FET applicants, 5 mature applicants, 1 HEAR applicant and 1 DARE applicant

## Professional Accreditation

Nursing and Midwifery Board Ireland (NMBI)



## 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

# 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



266 (Level 8 2022)



- 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



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## 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

Reserved places on this programme apply for 3 QQI FET applicants, 5 mature applicants, 1 HEAR applicant and 1 DARE applicant.

## 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



308 (Level 8 2022)



**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  
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## 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

Reserved quota places on this programme apply for 3 QQI FET applicants, 5 mature applicants, 1 HEAR applicant and 1 DARE applicant.

## 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

# Keane Ryan

## BSc (Hons) in Mental Health Nursing

**“I really enjoyed the social aspect to university life and Letterkenny was a great place to socialise. In the early part of first year, I went on placement to a residential unit. The rewarding feeling of helping others instantly made me realise that I was on the correct career path.”**

“I loved the programme because it was 50/50 theory and placement. I got to apply the theory that we were learning in class in a clinical setting. There was a variety of placements that give insight into the different roles and equipped me for the world of work.”

Keane continued his studies further afield and undertook a ‘Masters in Exercise Physiology & its Application in Therapy’. He now works as a Clinical Nurse Specialist, Physical Health.





**ATU**

**Sligo**

**OTA Sligeach**

**Almost 9,000 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 71 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 to 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 140,000 e-books and e-journals.

**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 Outcome 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.

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**AU900** | Level 8 | Bachelor of Business (Honours)

## Business

This degree looks at the broader business world and is perfect for those looking to obtain a diverse range of skills. Students study core business areas throughout their studies before choosing their specialist stream in Year 4. Students can then choose between finance, marketing or human resource management. This offers the flexibility to explore various aspects of business before committing to a specialism. Graduates are equipped with the skills for a successful career in the dynamic and ever-evolving world of business.

atu.ie/AU900



4 Years

**CAO** POINTS 270 (Level 8 2022)

**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 can choose finance, marketing or human resource management.

### 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.

### Quick Fact

Students choose elective modules throughout the degree, which includes the option to study Spanish, French or German.

## 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

### Year 4

- Business Research Methods
- E-business and Innovation
- Strategic Management
- Dissertation
- Business Analytics
- Industrial Relations
- Performance and Reward Management
- Other subjects depend on chosen specialist stream

Additional elective modules are available

**Leanne Moran**

**BBs (Hons) in Business**

**I loved how this degree allowed me the opportunity to explore marketing, finance and human resource management before specialising in one of these areas in Year 4. This offers great flexibility and a chance to figure out what area of business really interests you. The option to study a language was also brilliant.**

For my work placement, I spent a full semester in France as part of the Erasmus+ programme. This was an amazing experience. I learnt about new cultures and made new connections whilst developing my language and business skills. Since graduating, I have progressed my career and now work as a Digital Marketing Coordinator.



**AU800** | Level 7 | Bachelor of Business  
**AU700** | Level 6 | Higher Certificate in Business

## Business

Our business programmes produce graduates with comprehensive business skills. Students are equipped with knowledge in core business areas such as management, human resources, finance and accounting, law, marketing and economics. 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](http://atu.ie/AU800)  
[atu.ie/AU700](http://atu.ie/AU700)

 2/3 Years

 **234** (Level 7 2022)  
**181** (Level 6 2022)

 **Minimum Entry Requirements**

 30 Places

 **Work Placement**

 **Erasmus+**

 [cao.sligo@atu.ie](mailto:cao.sligo@atu.ie)

### Special Features

Guest speakers and business insight trips are a regular feature on our business programmes. 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. Work placement takes place in the final semester of the Level 7 programme. This allows students to put the theory learnt in class into a real-world setting.

Individual and group projects are also an integral part of the programmes 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 the Level 7 degree can progress to a Level 8 Bachelor of Business (Honours) degree in Atlantic Technological University or in other higher education institutions.

Level 6 graduates can progress to the Level 7 Bachelor of Business degree in Atlantic Technological University or in other higher education institutions.

### Did You Know?

Students can use these programmes as part of the ladder system to progress to the Level 8 honours degree. Students who come through the ladder system end up with the exact same degree as those who start on the Level 8 programme. The duration is the same. Applicants are encouraged to put down all three levels on the CAO to be sure of a place on these highly sought-after programmes.

### Quick Fact

Students choose elective modules throughout the degree, which includes the option to study Spanish, French or German.

## 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
- Marketing Research and Customer Care
- Advanced Business Technology
- Enterprise Development
- Business Management

### Year 3 (Level 7)

- 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

**AU901** | Level 8 | Bachelor of Arts (Honours)

## Business and Information Communications Technology (ICT)

This degree is an ideal choice for those who want to be part of the digital transformation era. 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 digital technologies to transform their business. Our graduates have the skills to support and lead businesses in a variety of dynamic technology-driven areas.

[atu.ie/AU901](http://atu.ie/AU901)

 3 Years

 **324** (Level 8 2022)

 **Minimum Entry Requirements**

 25 Places

 **Erasmus+**

 [cao.sligo@atu.ie](mailto: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). Graduates can also apply to undertake a Professional Master of Education (PME) to become a secondary school teacher for both business and ICT subjects.

### 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.

#### Google Analytics Accreditation

Students will complete a Google analytics accredited course and can gain an internationally recognised Google certification.

## 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



AU906 | Level 8 | Bachelor of Arts (Honours)

# Business and Irish

This degree is a collaboration between ATU Sligo and ATU St. Angela's, 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 two-subject degree ensures graduates enjoy diverse career opportunities and further study options.

atu.ie/AU906



3 Years



NEW Programme



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-Ghaeilge, 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 can 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 Fhíliocht Bhéil
- An Fhíliocht 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 Gairmiúil
- Human Resource Management
- Emerging Trends in Business Law
- Drámaíocht agus Scannánaíocht na Gaeilge
- An Litríocht Réigiúnach

### Year 3

- Research Methods
- Business Enterprise & Entrepreneurship
- Macroeconomics
- An tSochtheangeolaíocht
- Mionstaidéar ar Shaothair Liteartha Roghnaithe
- Próslitriocht na Gaeilge sa Seachtú hAois Déag agus Filíocht na Nua-Ghaeilge 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 na 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



Cúrsa NUA



Bunriachtanais Iontrála PLUS  
• H5 ar a laghad sa Ghaeilge



30 Áit



cao.sligo@atu.ie

## Deiseanna Gairme

Tá deiseanna gairme ar fáil sna healaíona agus cultúr, in eagraíochtaí poiblí, TFC, i seirbhísí airgeadais agus sa mhargáíocht. Chomh maith leis sin, tá go leor post ar fáil i gcúrsaí cumarsáide agus meán, áit go mbíonn an Ghaeilge i lár an aonaigh. Diríonn 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 hidimáisiúnta.

## 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-Ghaeilge, stádas mar aistritheoir creidiúnaithe (AE/an Bhrúiséal), nó féadfaidh céimithe cur isteach ar thairní oibre íochta le hÚdarás na Gaeilge.

## Creidiúnú Gairmiúil

### An Chomhairle Múinteoireachta

Dearadh an chéim seo sa gcaoi go mbeidh céimithe in ann iarratas a dhéanamh ar Mháistreach 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
- Margáíocht
- An Gearrscéal sa Ghaeilge
- Gaeilge agus Cumarsáid 1 agus 2
- Athbheochan na Gaeilge
- Feidhmchláir TFC
- Micreacnamaíocht
- Anailísíocht Sonraí
- An Béaloideas agus an Fhíliocht Bhéil
- An Fhíliocht 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
- Próslitriocht na Gaeilge sa Seachtú hAois Déag agus Filíocht na Nua-Ghaeilge 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 maximum 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 313 (Level 8 2022)

Minimum Entry Requirements

30 Places

Work Placement

cao.sligo@atu.ie

## Special Features

No other university in Ireland offers more exemptions from the professional accountancy exams than ATU. On completion of this three-year programme, graduates are exempt from all CAP1 examinations with Chartered Accountants Ireland; three applied knowledge and six applied skills examinations with ACCA; 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 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 can 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 as the programme 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
- Information and Communications Technology
- Teamwork and Creativity
- 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 Applicants
- Professional Development for Accountants

### Year 3

- Finance
- Financial Reporting
- Strategic Management
- Strategic Management Accounting
- Auditing
- Taxation

## Professional Accreditation



# Lisa Flynn

## BA (Hons) in Accounting

The variety of modules on this degree are really interesting. The smaller class size is a bonus as students get to know each other and form lifelong friendships. The lecturers are very approachable and supportive. They work very closely with industry and prepare students for employment with mock interviews, CV preparations and lots more.

The ATU Sligo Accounting degree gives maximum exemptions from the professional accountancy exams. When you graduate, this makes you much more employable. I was offered a position as a Trainee Accountant shortly after I sat my final exams. This was also the case for many of my classmates, with some receiving employment offers before their final exams.



**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 lectures, Erasmus+ opportunities, work placement, community engagement projects and business insights trips, coupled with excellent teaching, lay the foundations for this valued qualification.

atu.ie/AU904  
 atu.ie/AU802

3/4 Years

**326** (Level 8 2022)  
**258** (Level 7 2022)

**Minimum Entry Requirements**

**50 Places**

**Work Placement**

**Erasmus+**

**cao.sligo@atu.ie**

## Special Features

In Year 3, students complete a work placement for approximately eight weeks. Many students have obtained full and part-time work following a successful work placement. Students may also choose to spend time 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 to a variety of companies are also a core part of the degree and bring the theory of the classroom to life. This exposes students to the many employment opportunities available and is also a fantastic opportunity to network.

## 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 degree. Level 8 graduates may continue to a Level 9 MSc in Marketing, a Masters by research or PhD. This programme has been designed in compliance with the Teaching Council's curricular teaching subject requirements for Business, meaning secondary school teaching is an option for graduates who complete a Professional Master of Education (PME).

## Did You Know?

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.

## Quick Fact

Students can obtain Google Ads accreditation and have the option to study French, German or Spanish as part of their elective choices.

## 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



**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**

**280** (Level 8 2022)

**Minimum Entry Requirements PLUS**  
 • Garda Vetting

**30 Places**

**Work Placement**

**Erasmus+**

**cao.sligo@atu.ie**

## 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 as 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 reason 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.

## 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 basketball, GAA, athletics and rugby.

In Year 2 of the degree, students go on 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.

## 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







**Joseph Keaney**

**BBs (Hons) in Sport with Business**

**This degree is very broad and covers a wide range of sport and business modules. This means you graduate with lots of different career and further study options. It also means the degree is very interesting to study as no two days are the same. There is a great mix of theory and practical.**

One of my favourite modules was Health Promotion where I organised and delivered a workshop on healthy habits in sport to a disadvantaged group. This was very rewarding. The sports facilities in ATU Sligo are amazing. There are also lots of natural facilities such as the sea and mountains within minutes of the campus. It is the perfect location to study this type of degree.

**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](http://atu.ie/AU804)

 **3 Years**

 **231 (Level 7 2022)**

 **Minimum Entry Requirements PLUS**  
• Garda Vetting

 **50 Places**

 **Work Placement**

 **Erasmus+**

 [cao.sligo@atu.ie](mailto: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 in health and fitness, sports education, coaching and swimming.

In Year 3, students go on 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. Some 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 BBs (Hons) in Sport with Business or to the final year of our BBs (Hons) in Business, Marketing or Human Resource Management. Level 8 graduates may continue to Masters studies in Health Promotion, Marketing and Sports Management. Students who complete this Level 7 in Applied Sport with Business 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
- Intermediate Business Technology
- Principles of Marketing
- Outdoor Recreation
- Health and Fitness
- Intermediate Business Technology
- 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





**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. This is the only three-year honours degree in this subject available in the region, offering students the most current business degree with a specialism in tourism and events. This provides a broad and exciting platform to build a successful career with opportunities to travel the world.

atu.ie/AU905



3 Years

**CAO POINTS** 309 (Level 8 2022)

**Minimum Entry Requirements PLUS**  
• Garda Vetting

**40 Places**

**Work Placement**

**Erasmus+**

cao.sligo@atu.ie

## Special Features

Industry placement provides students with invaluable real-world experience and practical insights into the tourism, events and related sectors. Students are encouraged to complete the placement overseas. In the past, students have worked in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, Turkey, 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 and can work across the globe in festival and event management companies, national and local tourism development agencies, education, conference or business tourism, ecotourism, tour operators or travel agents, destination management, marketing organisations, as well as within cultural, heritage and conservation projects.

Many of our entrepreneurial graduates also start their own businesses. Graduates have worked on amazing events like Sea Sessions, Electric Picnic and the X-Factor. The opportunities arising from studying a multifaceted business degree such as Tourism and Event Management are endless.

## Further Study Options

Graduates can pursue a wide range of Level 9 and 10 postgraduate programmes at ATU or other third-level institutions. This degree has been designed in compliance with the Teaching Council's curricular teaching subject requirements for Business, meaning secondary school teaching is an option for graduates who complete a Professional Master of Education (PME).

## Did You Know?

In Year 3, students organise a significant event as part of the Events Project Management module.

Students can choose to study French, German or Spanish as part of their elective choices.

## 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

**AU803** | Level 7 | Bachelor of Business

# International Tourism and Event Management

Tourism is the world's fastest-growing economic sector. International tourist arrivals normally total over one billion, with Europe receiving the most international tourist arrivals. The industry needs skilled graduates to continue developing the sector in a sustainable manner. As a solid business degree, International Tourism and Event Management gives students a broad platform to build a successful career and opportunities to travel the world. Graduates have the skills to work across the business, tourism and events industry.

atu.ie/AU803



3 Years

**CAO POINTS** 234 (Level 7 2022)

**Minimum Entry Requirements PLUS**  
• Garda Vetting

**50 Places**

**Work Placement**

**Erasmus+**

cao.sligo@atu.ie

## Career Opportunities

Graduates are highly sought after and can work across the globe in festival and event management companies, conference and business tourism, airports and airlines, cruise ships, tour operators and travel agents, wellness and health spa tourism resorts, destination specialists, and heritage and conservation projects. Many of our entrepreneurial graduates also start their own businesses. Graduates have worked on amazing events like Sea Sessions, Electric Picnic and the X-Factor. The opportunities arising from studying a multifaceted business degree such as Tourism and Event Management are endless.

## Further Study Options

Graduates of this Level 7 ordinary degree can progress to the final year of our Level 8 in Tourism and Event Management to obtain an honours degree. Level 8 graduates can pursue a wide range of Level 9 and 10 postgraduate programmes in Atlantic Technological University or other third-level institutions.

## Quick Fact

Students can gain a Guiding and Adventure Tourism badge during their studies.

## Did You Know?

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 on all three years of the programme.

## 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



AU915 | Level 8 | Bachelor of Arts (Honours)

# Law and Business

This three-year honours degree in Law and Business 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** 300 (Level 8 2022)


**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 Courts, 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 Level 10 PhD across a range of subject areas. This programme has considered the Teaching Council Registration curricular subject requirements and meets the requirements to apply to undertake a Professional Master of Education (PME) programme to become a secondary school teacher in 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

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

**CAO POINTS** 302 (Level 8 2022)


**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 Masters in Social Care and Social Justice in ATU. Graduates may also pursue a research Masters/PhD and Masters studies in areas such as politics or equality.

This programme has considered the Teaching Council Registration curricular subject requirements to meet the requirements to apply to undertake the Professional Master of Education (PME) programme to become a secondary school teacher in Civic, Social and Political Education (CSPE) and the Leaving Certificate subject Politics and Society.

## 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.

## Quick Fact

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.

## 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 and 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



AU917 | Level 8 | Bachelor of Arts (Honours)

# English and Psychology

This 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. The degree is delivered by a teaching staff who are active researchers, clinicians, writers and practitioners.

atu.ie/AU917



3 Years



328 (Level 8 2022)



**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

Graduates may progress to a Psychology Masters or conversion programme. Additionally, with further study, students may apply to progress to Professional Doctorates in Psychology such as Clinical or Educational Psychology.

This programme has considered the Teaching Council Registration Curricular Subject Requirements to meet the requirements to undertake a Professional Master of Education (PME) to become a secondary school teacher of English.

## Did You Know?

In Year 3, students complete a research project in either English or Psychology. This allows them to develop in-depth knowledge on a topic of interest.

## Professional Accreditation

Application for accreditation submitted to The Psychological Society of Ireland (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

### Year 2

- Personality and Individual Differences
- Adult Developmental Psychology
- Research Methods for Psychology
- 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
- Contemporary Irish Writing
- Theatre for Young Audiences
- Psychological Connections for Wellbeing
- English and Drama Symposium

Additional elective modules are available

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



302 (Level 8 2022)



**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



## 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 307 (Level 8 2022)

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 institutes 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 thirteen-week placement in both Year 2 and Year 3. Students can complete their second practice placement abroad. Students can choose countries such as Germany, Belgium, Sweden, Finland and the UK, and a variety of early years settings including primary schools and bilingual kindergartens. 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 third-level 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

# Kathleen Mc Fadden

## BEd (Hons) in Early Education and Care

**The versatility of this degree is what makes it so special. The learning, skills and competencies gained can be applied to many future careers with children. The ability to participate in three professional practice placements meant I could put the theory I learnt in class into a real-world work environment. This gave me a greater understanding of the work carried out within the sector.**

Knowing that you can help shape the healthy development and learning of children makes this degree particularly enjoyable. Since graduating, I have moved to Liverpool and now work as a Senior Teaching Assistant. I work closely with young people who have social, emotional and mental health needs in a Pupil Referral Unit.



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



381 (Level 8 2022)



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 award winning Masters in Road and Transport Engineering, Masters in Quality, and innovative Masters in Connected and Autonomous Vehicles and 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 twelve-week work placement in semester two 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.



## 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

### Mechanical Engineering

#### Year 3

- 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](http://atu.ie/AU830)  
[atu.ie/AU715](http://atu.ie/AU715)

 2/3 Years

 **CAO POINTS**  
 262 (Level 7 2022)  
 213 (Level 6 2022)

 **Minimum Entry Requirements**

 64 Places

 [cao.sligo@atu.ie](mailto: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



## 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

- 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

## What will I study?

### Mechatronic Engineering

#### Year 1 Semester 2

- Electrical Principles Engineering
- Mathematics
- Electromechanical Technology Design
- 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

### 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

#### Year 3

- Environmental Engineering
- Geotechnical Engineering
- Hydraulics
- Structural Mechanics
- Structural Design
- Highway Engineering
- Mathematics
- Structural Analysis
- Project

### 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

- 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





AU941 | Level 8 | Bachelor of Engineering (Honours)

# Robotics and Automation

Robotics and Automation is the combination of mechanical, electronic, robotic and software engineering systems that are used in modern manufacturing industries. Robotics and Automation engineers are problem solvers by nature, looking for solutions to sometimes difficult engineering applications. This programme equips graduates with the skills to work in high-tech manufacturing industries to design, build and operate intelligent machines such as the robots and flexible manufacturing systems of today and for tomorrow.

atu.ie/AU941



4 Years



403 (Level 8 2022)



Minimum Entry Requirements PLUS  
• Min H5 in Maths



16 Places



Work Placement



Erasmus+



cao.sligo@atu.ie

## Special Features

In Year 3, students go on a six-month work placement. This allows them to put all the skills they have developed in class into a real-world work experience, and to make industry connections. Advanced automation and robotic systems, sensors and controls are focused on in Year 4. This, along with a major project, help bring learning to life.

## 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

Robotics and Automation is becoming one of the fastest-growing career areas and one of the most sought-after skills in industry. Graduates have the interdisciplinary approach necessary to integrate electronics, control, software and mechanical engineering to a wide range of industrial problems.

The integrated skills developed can be applied to a variety of jobs, enabling graduates to have a very promising career in the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors.

## Further Study Options

There are several masters programmes available in ATU in the area of Connected and Autonomous Vehicles, as well as the opportunity to complete a masters by research. Graduates can also pursue a variety of postgraduate studies at other third-level 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 Robotics and Automation programme webpage.

## 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

- 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

Additional elective modules are available



**Nhat Long Van Pham**

**BEng in Mechatronic Engineering**

**I have always had a passion for engineering. I was intrigued by the way electrical and mechanical things work. This led me to choose Mechatronic Engineering as it includes both disciplines. This degree has also developed my skills in robotic and software engineering.**

The lecturers are brilliant. They make everything clear and are always there to help. I love the time we spend in the workshops as we get to use modern machines and facilities. The opportunity to put what we have learnt in class into practice really helps to understand the theory. It's amazing to see my ideas going from a design on a computer to a real-life build.



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



301 (Level 7 2022)



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 10 postgraduate programmes in ATU or other third-level 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 Design
- 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

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



404 (Level 8 2022)

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 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 third-level 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

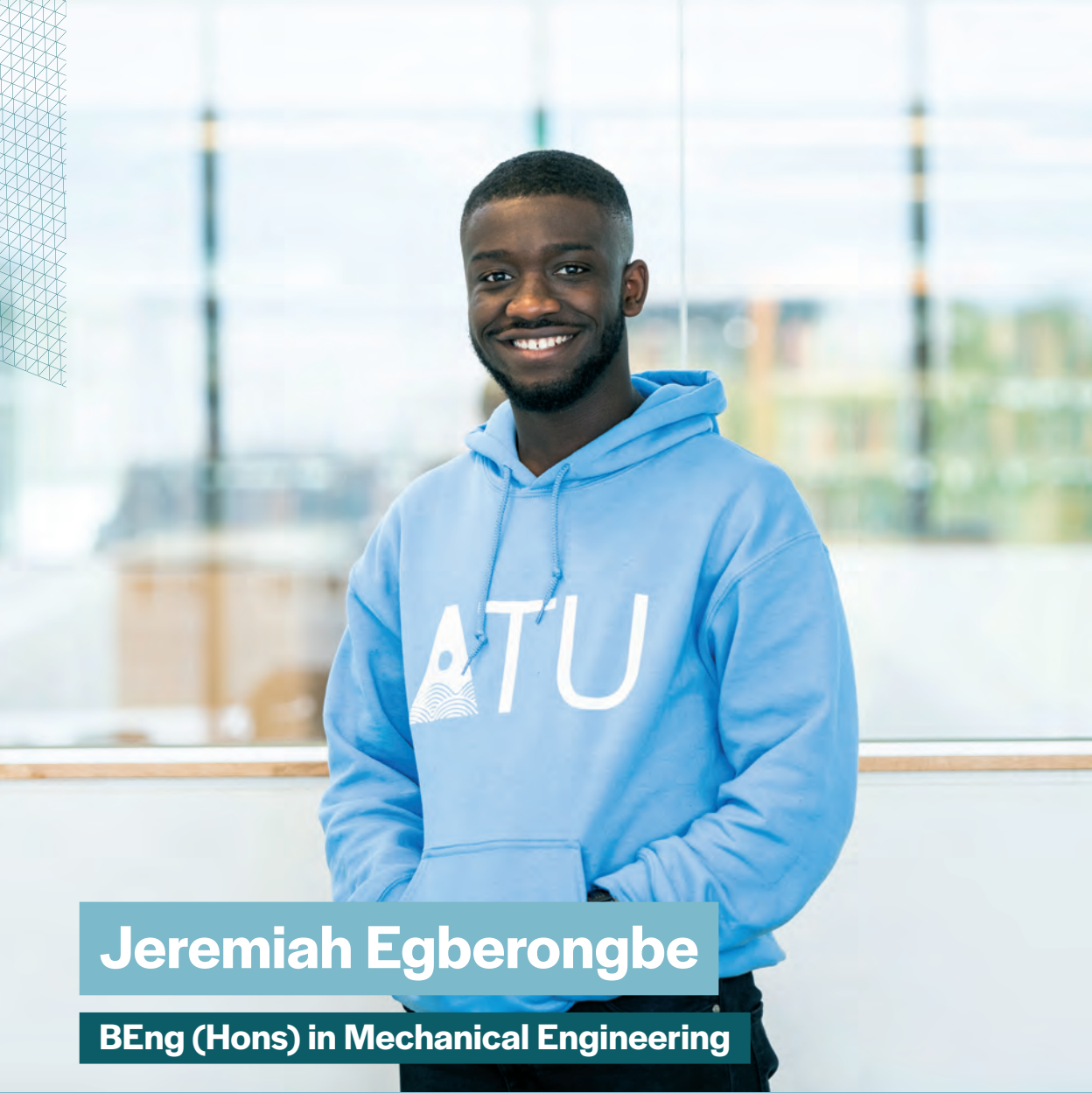
### Year 3

- 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





**Jeremiah Egberongbe**

**BEng (Hons) in Mechanical Engineering**

**I chose this degree as I have always had an interest in how things work. I really enjoy the practical side of the degree and developing my teamwork skills. The theory we learn in class is very relevant to the practical. I have thoroughly enjoyed all the modules so far, but my favourites have been Introduction to Programming and Energy Systems.**

In Year 2 we spent some time studying in Germany. This was an amazing experience. When I graduate, I plan on continuing my studies to Masters level. My long-term goal is to travel and work in the automotive industry. I know this degree will open worldwide employment opportunities for me.

**AU833** | Level 7 | Bachelor of Engineering

## Mechanical Engineering

The programme enables students to understand and apply the principles of mathematics, science, physics and the various mechanical engineering technologies, as well as practising design processes and techniques. Students have access to state-of-the-art facilities, including comprehensive material and testing laboratories, industry standards software in CAD/ CAM, automation equipment, traditional manufacturing workshops, 3D printers and advanced CNC machines.

[atu.ie/AU833](http://atu.ie/AU833)

 **3 Years**

 **236 (Level 7 2022)**

 **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 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 Level 8 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 third-level 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



## 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



AU834 | Level 7 | Bachelor of Engineering

# Precision Engineering and Design

Precision engineering is a specialist form of mechanical engineering that focuses on the design, development and manufacturing of high accuracy components and products. We consulted widely with industry to develop this degree and ensure graduates have all the skills required in modern manufacturing companies. Graduates acquire skills needed for the design of precision products such as medical devices, the design of precision tooling such as plastic injection moulds, and the design of automation equipment such as assembly machinery.

atu.ie/AU834



3 Years



273 (Level 7 2022)



Minimum Entry Requirements



16 Places



cao.sligo@atu.ie

## Special Features

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.

Design is a key element of this degree. In Year 3, students design and manufacture a working prototype that is often linked with a company. The final year projects are regularly submitted to national competitions and students' projects have won several awards including the Engineers Ireland Award. 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 Precision Engineering and Design programme webpage.

## Career Opportunities

Graduates are in very high demand to meet the skills shortages in the precision industry, both nationally and internationally. Graduates are employed in a variety of design, manufacturing, project management, CNC programming, metrology, validation and procurement roles in high-performance, advanced manufacturing and precision engineering companies.

## Further Study Options

Graduates may progress to the BEng (Hons) in Precision Engineering and Design or the BEng (Hons) in Mechanical Engineering in ATU. Level 8 graduates can pursue a wide range of Level 9 and 10 postgraduate programmes in ATU or in other third-level institutions.

## Did You Know?

ATU has partnered with several companies to offer financial bursaries of up to €1000 to CAO applicants choosing to study Precision Engineering and Design. This is to help combat the huge skill shortages within this specialist area of mechanical engineering.

## 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.

## What will I study?

### Year 1

- Introduction to Engineering
- Engineering Mechanics
- Introduction to Programming
- Engineering Physics
- Engineering Graphics and CAD
- Mathematics
- Design
- Mechanical Project
- Electrical Principles Engineering
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation

### 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

- 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

## Quick Fact

This programme 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



327 (Level 8 2022)  
237 (Level 7 2022)



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 female students settle into engineering and construction based programmes in third-level 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 third-level 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.

## 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

### Year 3

- Environmental Engineering
- Geotechnical Engineering
- Hydraulics
- Structural Mechanics
- Structural Design
- Highway Engineering
- Mathematics
- Structural Analysis
- Work Placement (Level 8)
- Project (Level 7)

### 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

## Professional Accreditation





**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 cost 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](https://atu.ie/AU945)

[atu.ie/AU836](https://atu.ie/AU836)



3/4 Years



307 (Level 8 2022)  
210 (Level 7 2022)



Minimum Entry  
Requirements



32 Places



Work Placement



Erasmus+



[cao.sligo@atu.ie](mailto: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, surveyors work on a huge variety of projects. The project to build Tottenham Hotspurs' 62,000-seat stadium was run by a 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 Society of Chartered Surveyors Ireland (SCSI) report stated that the national median salary for quantity surveyors was €70,000. Recent findings indicate that there will be 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 third-level institutions.

### Professional Accreditation

Level 8



Level 7 & 8



## 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



**Mary Ann McCann**

**BSc (Hons) in Quantity Surveying**

**This degree has a great mix of both practical and theory classes. For example, we might have a construction law class in the morning and be outside in the afternoon carrying out a land survey. The real-life projects, trips to businesses and work placement are all great aspects of this degree too.**

The lecturers are fantastic. They have lots of experience in the field and regularly pass on real-life examples and tips. This really helps with learning. I also love that this degree is fully accredited. When I graduate, I will have a qualification that can take me anywhere in the world. There are huge job opportunities, excellent salaries and progression opportunities in quantity surveying.



**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



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. The 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 third-level 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.

## 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



302 (Level 8 2022)



Minimum Entry Requirements



32 Places



Work Placement



cao.sligo@atu.ie

## Special Features

This degree integrates applied technology with the use of a state-of-the-art workshop. 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 third-level institutions. Graduates may also pursue a Professional Master of Education (PME) to become a secondary school teacher of Construction Studies and 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 female students settle into third-level education.

## Professional Accreditation



## 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



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



211 (Level 7 2022)



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 in ATU Sligo to help female students settle into third-level education. This peer group operates within our civil engineering and construction programmes.

## 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) Construction Project Management and Applied Technology or the BSc (Hons) 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 third-level 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



## 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 around 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



164 (Level 6 2022)



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 will be 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 will be 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 ordinary degree in Advanced Wood and Sustainable Building Technology in ATU Sligo after which they may progress to the final year of the Level 8 honours degree in Construction Project Management and Applied Technology or the BSc (Hons) Construction Project Management add-on in ATU Sligo. Graduates may also pursue studies at other third-level 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 new ATU Sligo initiative, a female student network, has been established to help female students settle into third-level education. This new 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 what 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](https://atu.ie/AU955)

[atu.ie/AU845](https://atu.ie/AU845)

[atu.ie/AU725](https://atu.ie/AU725)



2/3/4 Years



341 (Level 8 2022)

328 (Level 7 2022)

251 (Level 6 2022)



Minimum Entry Requirements



36 Places



Work Placement



[cao.sligo@atu.ie](mailto: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 Level 7 ordinary degree. Level 7 graduates may progress to Year 4 of the Level 8 honours degree. Level 8 graduates may progress to postgraduate studies in ATU or other third-level 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 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 in 2023 giving students access to the latest advancements in technology.

### Professional Accreditation



**Ellen Woodward**

**BSc (Hons) in Computing**

**I love the practical element of studying computing in ATU Sligo. Modules are a blend of lectures and practicals in state-of-the-art computer labs. There are lots of in class discussions and projects too. You also get one-to-one time with lecturers as the class sizes are small. It is easy to get extra help if needed.**

The common first year is brilliant. I was unsure of which area of computing I wanted to study. It allowed me the opportunity to experience a wide range of modules before deciding which area to specialise in. We also focus on personal development. This prepares us with increasingly important soft skills such as teamwork and problem solving.



**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**  
**308 (Level 8 2022)**  
**254 (Level 7 2022)**

 **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 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 third-level 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.

**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 pace 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 2022)**  
**280 (Level 7 2022)**

 **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. We also focus on developing soft skills such as teamwork and communication. These skills are increasingly important to employers. Students also undertake a work placement in Year 3. Over 70% of our students gain employment directly from their work placement.

## 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 the flexibility to change direction in Year 2 if desired.

## Career Opportunities

Ireland's reputation as a centre of software excellence is unrivalled in Europe. It is home to over 900 software companies, including both multinational and indigenous firms, employing 24,000 people and generating €16 billion of exports annually.

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.

## Further Study Options

Level 7 graduates may exit after three years with an ordinary degree or progress to Year 4 of our Level 8 honours degree. Level 8 graduates may progress to ATU's MSc in Computing, MEng in Connected and Autonomous Vehicles or may continue their studies in other third-level institutions.

## Did You Know?

ATU Sligo is the only third-level 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. A range of companies attend the expo, including Fortune 500 industry leaders. This allows students to network with potential employers.

## 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



**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](http://atu.ie/AU848)



3 Years

**CAO**  
POINTS 259 (Level 7 2022)

**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.

## 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 in other third-level institutions.

## Did You Know?

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

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 Games Development programme webpage.

**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, R&D, 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](http://atu.ie/AU927)  
[atu.ie/AU821](http://atu.ie/AU821)



3/4 Years

**CAO**  
POINTS 325 (Level 8 2022)  
274 (Level 7 2022)

**Minimum Entry Requirements PLUS**  
• Maths not required

**32 Places**

**Work Placement**

**Erasmus+**

**cao.sligo@atu.ie**

## Career Opportunities

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. Our graduates work in design consultancy, industrial design, exhibition design, retail design, furniture design, the multimedia sector, services design, design education and design management.

## 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 third-level 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 & Branding
- Digital Practice
- Product Design – Design Professionalism
- Portfolio - Professional Designer
- Design in Context - Research and Engagement
- Professional Communications - Designer Profile



**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](http://atu.ie/AU925)



5 Years

**CAO POINTS** 420 (Level 8 2022)

**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.

## 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
- 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
- Architectural Context and Theory 2
- Architectural Drawing and Communication 2
- Technology Studio 2
- Theory and Design of Structures 2
- The 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

- Architectural Design Studio 4
- Advanced Architectural Technology 1
- Research and Engagement: Introduction to Region
- Professional Studies: Conservation and Historic Intervention
- Advanced Architectural Technology 2
- Dissertation
- Regional Engagement

### 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

**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](http://atu.ie/AU926)



4 Years

**CAO POINTS** 356 (Level 8 2022)

**Minimum Entry Requirements**

**20 Places**

**Work Placement**

**Erasmus+**

**cao.sligo@atu.ie**

## 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



## 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+ **and**
- Interior Architecture and Design Studio+

### Year 4

- Interior Architecture Studio: Thesis
- Research for Design and the Arts
- Reflective Portfolio
- Professional Studies for Interior Architects



**Karen Keaney**

**BA (Hons) in Interior Architecture and Design**

**I love getting to use my imagination and creativity in a practical way whilst studying this degree. The modules are so varied, from practical construction and imaginative design to architectural history and drawing skills. I also love that the degree is continuous assessment with no exams.**

The Studio module is my favourite because you take what you have learnt in other modules and put them into practice. It is also the place where you get to be most creative. Starting afresh with a brand-new project each semester is very exciting. Throughout my time studying in ATU Sligo, my work has been nominated for several prestigious awards at national and international level.

**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](http://atu.ie/AU820)

 **3 Years**

 **225 (Level 7 2022)**

 **Minimum Entry Requirements**

 **20 Places**

 **Work Placement**

 **cao.sligo@atu.ie**

### Further Study Options

Graduates may progress onto the final year of our Level 8 honours degree in Interior Architecture and Design. 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. Final year 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).



### 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.

## 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 and Advanced Design Representation
- Environmental Psychology for Design
- Energy and Interior Environment
- Professionalism and Communication for Design
- Advanced Design Presentation



**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

 **398\*** (Level 8 2022)  
**373\*** (Level 7 2022)  
 \* 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 make 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 and are equally confident should they 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 Level 8 honours degree 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?

All applicants must submit a digital portfolio through our application portal. 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 webpage.

### Quick Fact

A new multi-million-euro 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 YAADA Creative Showcase each year. A link to the latest edition of the YAADA Yearbook can be found on our Fine Art programme webpages.

## 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

**AU931** | Level 8 | Bachelor of Arts (Honours)


## Performing Arts

We have developed this programme in consultation with arts practitioners in Ireland and abroad. Our programme is unique in Ireland, offering tuition to Level 8 in the linked fields of acting and theatre 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 theatre design. This flexibility to change direction allows students to figure out where their passion lies.

atu.ie/AU931

 4 Years

 **354** (Level 8 2022)

 **Minimum Entry Requirements PLUS**  
 • Garda Vetting  
 • Maths not required

 32 Places

 Work Placement

 Erasmus+

 cao.sligo@atu.ie

### 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, TV and theatre industries. They have worked as actors and designers on big 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.

### Further Study Options

Graduates may progress to the Level 9 Master of Arts in Creative Practice in ATU. Alternatively, graduates can 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

### 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

- Dissertation
- Global Shakespeares
- Irish Theatre 'Then and Now'
- Professional Practice in Performing Arts
- Graduation Show

Additional elective modules are available

### 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.



# Darren Mc Granaghan

## BA (Hons) in Performing Arts

**I originally thought I wanted to be an actor but discovered my love for design in first year and haven't looked back. I learnt a lot about working as part of a team during my studies. I also built a lot of confidence in my design process ideas and personality which has helped hugely in my career.**

The lecturers with their support and inspiration were my favourite part of the degree. After graduating, I worked on theatre productions such as Riverdance, Hamilton and Be More Chill in New York. I then moved into TV and film working on shows including Orange Is the New Black, The Queens Gambit, Luther: The Fallen Sun, John Wick: Chapter 4 and The Hunger Games: The Ballad of Songbirds and Snakes.

AU823 | Level 7 | Bachelor of Arts


## Performing Arts (Acting)

This degree provides graduates with the skills to work as actors in theatre, film and television. Coursework includes skills classes, workshops and masterclasses from industry professionals and performances in a range of settings. Students are introduced to the main acting genres, learning vocal and movement skills and how to create characterisation. Students not only develop as creative individuals but learn to be part of an ensemble too. This degree has been endorsed by industry with a big emphasis on practical learning.

[atu.ie/AU823](https://atu.ie/AU823)

 3 Years

 237 (Level 7 2022)

 **Minimum Entry Requirements PLUS**  
 • Garda Vetting  
 • Maths not required

 24 Places

 Erasmus+

 [cao.sligo@atu.ie](mailto:cao.sligo@atu.ie)

### Further Study Options

Graduates may progress to Year 4 of our Level 8 honours degree in Performing Arts after which they may pursue a range of masters and PhD options, including the MA in Creative Practice in ATU.

### 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.

### Special Features

This degree has partnered with Debrecen University in Hungary where our acting students go for two weeks of masterclasses in voice, movement and acting.

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.

### Career Opportunities

There is a strong demand for practitioners in the film and theatre industries. Graduates work as actors in film and TV, in a range of areas across performing arts and teaching or in the broader cultural context in positions such as playwrights. Graduates have also founded their own theatre companies, written plays and lots more.

### Quick Fact

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.

Students also put on several productions throughout their time studying this degree. This allows them to develop as a creative individual and learn how to be part of an ensemble.

## What will I study?

### Year 1

- Design for Performance – Costume and Scenography
- Introduction to Drama and Literature
- Studio Skills
- Literature – The Critical Voice
- Introduction to Acting
- Voice and Movement
- Technical Theatre
- Greek Theatre
- Introduction to Directing
- Actors Work on Text
- Digital Media for Performing Arts

### Year 2

- Visual and Material Culture
- Film Studies
- Experimental Literature, Drama and Writing
- Voice and Movement
- Technical Theatre
- Acting Techniques and Styles
- Directing
- Modernism in Drama and Literature
- Facilitation and Drama
- Physical Theatre
- Playing Heightened and Poetic Text
- Improvisation for Actors

### Year 3

- Postmodernism in Drama and Literature
- Live Art and Performance
- Directing
- Acting for Production
- Acting to Camera
- Voice and Movement
- Creative Writing Practice
- Lighting Design and Digital Theatre



**AU824** | Level 7 | Bachelor of Arts

# Performing Arts (Theatre Design)

Theatre design is also known as stage, set or production design. It involves the creation of theatrical, film or television scenery and costumes. Theatre designers produce scaled models of their design and collaborate with all members of a production design team (from lighting to costume to props) to create sets, costumes and digital scenery that support the overall artistic goals of the production. Design skills classes, masterclasses from industry professionals, workshops and performances are all important elements of this degree.

atu.ie/AU824



3 Years



246 (Level 7 2022)



**Minimum Entry Requirements PLUS**

- Garda Vetting
- Maths not required



15 Places



Erasmus+



cao.sligo@atu.ie

## Special Features

Students can apply for a six-month Yeats Design Residency at the Abbey Theatre in Dublin. Our unique partnership with the Abbey Theatre introduces core skills in all forms of stagecraft including directing, lighting design and digital projection.

This degree is also linked with the Academy of Performing Arts in Bratislava, where our students spend one week intensively studying set, lighting and costume. Guest lecturers, well-known in industry, visit and share their expertise.

## Further Study Options

Graduates may progress to Year 4 of our Level 8 honours degree in Performing Arts after which they may pursue a range of masters and PhD options, including the MA in Creative Practice in ATU.

## Career Opportunities

Ireland's screen production sector has more than doubled in the last decade, with major streaming giants using Ireland for productions. Companies such as Netflix,

Amazon and Apple TV continue to escalate production schedules to respond to the public appetite for home entertainment. There is high demand for qualified practitioners in the theatre and film industries.

Graduates pursue careers in design, direction and production across theatre, film, TV and radio. Graduates also work in a range of related areas across the performing arts and creative industries in Ireland and abroad, including education.

## Did You Know?

Students develop skills in visual research and awareness, text and character analysis, spatial exploration, costume design, technical drawing and digital imaging for stage and film. The emphasis is on developing imagination, creativity and visual awareness along with interpretive and collaborative skills. Specific disciplines include film, TV, dance, performance art and music video.

Students collaborate with professional directors and prepare a portfolio of work. Final year students exhibit at the Yeats Academy of Arts, Design and Architecture Creative Showcase. 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
- Voice and Movement
- Introduction to Set Design
- Studio Skills for Performing Arts
- Introduction to Technical Theatre
- Digital Media for Performing Arts
- Introduction to Costume Design
- Greek Theatre
- Introduction to Directing
- Actors Work on Text

### Year 2

- Visual and Material Culture
- Film Studies
- Experimental Literature, Drama and Writing
- Theatre Design
- Theatre Design Studio Skills
- Digital Media for Performing Arts
- Modernism in Drama and Literature
- Facilitation and Drama
- Directing

### Year 3

- Live Art and Performance
- Directing - Postmodern Theatre
- Postmodernism in Drama and Literature
- Costume Design for Stage and Screen
- Studio Skills CAD For Theatre Design 3D Modelling
- Theatre Design for Production
- Lighting Design and Digital Theatre
- Creative Writing Practice
- Theatre Design for Production

## 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.

**AU929** | Level 8 | Bachelor of Arts (Honours)

**AU930** | Level 8 | Bachelor of Arts (Honours)

# Writing and Literature (On Campus or Online)

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 degree is delivered through interactive workshops, seminars and field trips. Visiting lecturers include novelists, poets, screenwriters, playwrights, podcasters, journalists, editors, agents and publishers.

atu.ie/AU929

atu.ie/AU930



3 Years



308 (On Campus Level 8 2022)  
424 (Online Level 8 2022)



**Minimum Entry Requirements PLUS**

- Garda Vetting
- Maths not required



32 Places



cao.sligo@atu.ie

## Special Features

Students develop a portfolio of writing over the three years and work across different genres and media. 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 forms of creative texts, offering the space for them to explore and discover their own creative voice and forms. 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.

## Further Study Options

Graduates may progress to several postgraduate degrees including an MA in 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. With online delivery, all lectures are delivered live online, and students can 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 & Professional Practice
- Writing and Practice: Portfolio

## Quick Fact

This programme is taught by published authors and established writers. Our lecturers are also multi-award winning, with success coming in awards such as the Hennessy New Irish Writing Prize for poetry.

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 General Entry Science programmes give students an exceptional level of flexibility. The programme builds a core foundation in key science disciplines in Year 1. This is a good choice for students 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](http://atu.ie/AU965)  
[atu.ie/AU730](http://atu.ie/AU730)

 2/4 Years

 320 (Level 8 2022)  
224 (Level 6 2022)

 Minimum Entry Requirements

 24 Places

 Work Placement

 Erasmus+

 [cao.sligo@atu.ie](mailto:cao.sligo@atu.ie)

### 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 our labs. 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

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 ATU online programmes at Masters level to suit graduates in the workplace.

### Professional Accreditation

Professional Accreditations are available in many of the specialist fields of study from Year 2.

## 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

- 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

- 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

- Occupational Safety and Health
- Ecological Monitoring
- Environmental Toxicology
- Water and Wastewater Treatment Theory
- Environmental Ethics
- Data Management
- Work Placement
- Environmental Instrumental Analysis

#### Year 4

- 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

- 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

- 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
- 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
- Scientific Communications
- Statistics for Scientists
- Pharmaceutical Formulation
- Pharmaceutical Quality Systems
- Pharmaceutical Analysis
- Active Ingredient Synthesis

#### Year 4

- Industry Placement
- Biopharmaceutical Analysis
- Advanced Organic Chemistry
- Pharmaceutical Project
- Pharmaceutical Research Methods
- Pharmaceutical Legislation
- Pharmaceutical Operating Excellence
- Pharmaceutical Pharmacology
- Drug Structure
- Compliance Auditing & Validation







**Claire Doran**

**BSc (Hons) in Environmental Science with Ecology**

A lot of time is dedicated to practical labs which I love, whilst field trips explore environmental issues with real life examples. Sligo has an array of environmental sites and is the perfect location to study this degree. The modules also interlink with each other, so what you learn in one class is relevant in another.

The lecturers have a wealth of knowledge, not only academically, but within the professional working environment too. I spent Year 3 studying at Mid-Sweden University as part of the Erasmus+ programme. It was an amazing experience to immerse myself in a new culture and learn about the environment in the most sustainable country in the world.


**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](http://atu.ie/AU966)  
[atu.ie/AU855](http://atu.ie/AU855)

 **3/4 Years**

 **339 (Level 8 2022)**  
**287 (Level 7 2022)**

 **Minimum Entry Requirements**

 **32 Places**

 **Work Placement**

 **Erasmus+**

 **cao.sligo@atu.ie**

### Special Features

Students have the option to study abroad for one semester with our partner university in Sweden. 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 placement.

### 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 Eireann (Irish Water), the EPA, Inland Fisheries Ireland and NPWS. 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 our Level 8 honours degree. Level 8 graduates may progress to a range of Level 9 Postgraduate Diplomas and taught Masters 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's science faculty.

### 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



## 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](http://atu.ie/AU967)  
[atu.ie/AU856](http://atu.ie/AU856)

 3/4 Years

 **307** (Level 8 2022)  
**252** (Level 7 2022)

 **Minimum Entry Requirements**

 24 Places

 **Work Placement**

 [cao.sligo@atu.ie](mailto:cao.sligo@atu.ie)

## Special Features

Our degrees blend theoretical and practical learning which includes lectures, laboratory-based monitoring, site visits, case studies and enquiry-based learning. Final year honours degree students also complete a five-month work placement.

In Year 2, students qualify as manual handling trainers and workstation assessors. They 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 the two-year online Masters in Environmental Health and Safety or PhD 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 the country.

## Professional Accreditation



## 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

**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](http://atu.ie/AU968)  
[atu.ie/AU857](http://atu.ie/AU857)

 3/4 Years

 **317** (Level 8 2022)  
**256** (Level 7 2022)

 **Minimum Entry Requirements**

 32 Places

 **Work Placement**

 **Erasmus+**

 [cao.sligo@atu.ie](mailto: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 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 legislation and regulatory affairs, formulation, analysis, validation, production and quality systems.

## 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 honours degree in Pharmaceutical Science with Drug Development. Level 8 graduates may pursue a wide range of Level 9 and 10 postgraduate programmes in ATU or other third-level institutions.

## Did You Know?

Ireland's life sciences sector has a global reputation for operational and innovational excellence. Ireland is the world's third largest exporter of pharmaceuticals according to the UN International Trade Statistics database, with more than 85 companies located in the country. This accounts for €80+ billion in annual exports or 39% of annual exports from Ireland.

## 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.

## 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
- 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
- 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



**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](https://www.atu.ie/AU969)

[atu.ie/AU858](https://www.atu.ie/AU858)



3/4 Years



302 (Level 8 2022)  
244 (Level 7 2022)



Minimum Entry  
Requirements



32 Places



Work Placement



[cao.sligo@atu.ie](mailto: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 industries and employers.

There is an industrial work placement in the summer of Year 3. In Year 4, students undertake a research project and training in the National Institute of Bioprocessing Research and Technology (NIBRT) in Blackrock, Dublin. 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 a BSc in Biomedical Science. 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 of Science or Level 10 PhD doctoral 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 the world's third largest exporter of pharmaceuticals, according to the UN International Trade Statistics database. This accounts for €80+ billion in annual exports or 39% of annual exports from Ireland.

## 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

- 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

**David Donohoe**

**BSc (Hons) in Biomedical Science**

**This is a very interesting degree, and I loved the hands-on approach to learning. The opportunity to use industry standard equipment in the science labs means you graduate work ready. These skills are very relevant in my current role as a Graduate Scientist with Pfizer in Dublin.**

The lecturers are brilliant and are always on hand to offer advice and help. Some of my favourite modules were Microbiology, Protein Purification and Cell Culture Processing. The whole degree is so relevant to the manufacture of medication and medical devices and understanding the cause and treatment of disease. We also gained lots of soft skills such as teamwork and communication which are increasingly important with employers.

## 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

**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.

### Career Opportunities

Graduates work in a wide range of areas related to health and physical activity, including sports development, sports science, physical activity promotion, health promotion and physical activity.

### Did You Know?

There is an emphasis on laboratory and practical elements throughout this degree. 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 VO<sub>2</sub> 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.

### Further Study Options

Graduates may progress to Level 9 and Level 10 postgraduate studies in ATU or other third-level institutions. Graduates have gained entry to professional programmes in allied health areas such as physiotherapy, radiography and occupational therapy, both in Ireland and abroad.

### Professional Accreditation



atu.ie/AU971

4 Years

327 (Level 8 2022)

Minimum Entry Requirements PLUS  
• Garda Vetting

16 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.

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).

## 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
- Immunodiagnosics 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



**AU970** | Level 8 | Bachelor of Science (Honours)  
**AU859** | Level 7 | Bachelor of Science

# Forensic Investigation and Analysis

Forensic Investigation and Analysis 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

328 (Level 8 2022)  
241 (Level 7 2022)

Minimum Entry Requirements

48 Places

Work Placement

cao.sligo@atu.ie

### Special Features

A major focus of the 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 honours degree. Level 8 graduates can 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 third-level degree on the island of Ireland to achieve this accreditation, it gives graduates the assurance that they have an internationally recognised qualification and are ready to undertake a professional career in forensic science.





**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.

**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](http://atu.ie/AU861)

**3 Years**

**291 (Level 7 2022)**

**Minimum Entry Requirements PLUS**  
• Garda Vetting

**32 Places**

[cao.sligo@atu.ie](mailto:cao.sligo@atu.ie)

## Special Features

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.

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.

## 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, sports science, physical activity, 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 degree or Year 4 of the Level 8 BSc (Hons) in Health Science and Physical Activity degree. Many of our graduates from our health science qualifications pursue studies in allied health professions such as physiotherapy, radiography, occupational therapy and other health-related disciplines, both in Ireland and abroad.

## 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



# Health and Exercise Science

This programme provides graduates with an excellent foundation for many careers in the physical activity and health sector. Students acquire a unique blend of practical skills and knowledge in a broad range of health-related fields which enables them to make informed decisions about specialist areas for further study. This higher certificate offers a broad-based exercise science education in human anatomy and physiology, health psychology, physical activity, exercise prescription, biomechanics, and health promotion. Emphasis is placed on developing core health and exercise related skills and competencies.

atu.ie/AU732



2 Years

CAO POINTS 327 (Level 6 2022)



Minimum Entry Requirements

16 Places

cao.sligo@atu.ie

## Special Features

This programme provides graduates with a pathway to degree level programmes in allied health professions such as physiotherapy, occupational therapy, speech and language therapy, sports science, sports rehabilitation, diagnostic radiography, clinical measurement and other health-related disciplines. By exploring different aspects of health science on our flexible programme, students can make an informed decision about their career paths and further study.

## Career Opportunities

Graduates are employed in the health and exercise industry in both the voluntary and state sector. Career opportunities include youth work, sports development, physical activity, health promotion and health research.

## Further Study Options

Graduates may progress to Year 3 of our Level 7 BSc in Health Science and Physiology, after which they may continue to Year 4 of our Level 8 BSc (Hons) in Health Science and Physical Activity. Level 7 graduates may also progress to the one-year add-on BSc (Hons) in Public Health and Health Promotion.

Some students choose to exit after Year 2 and further their studies in allied health professions such as physiotherapy, radiography and occupational therapy. Our students have been very successful in gaining places on programmes in Ireland and the UK. Our expert staff ensure students receive appropriate references and advice prior to application and subsequent interview for further studies. This is a process our academics engage with every year, and they are extremely knowledgeable of the requirements.

## 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 VO<sub>2</sub> max testing, a G-Walk which is used in clinical testing by physicians & specialists and a BodPod, which is the gold standard testing technique to measure body composition.

## What will I study?

### Year 1

- Human Biology
- Human Anatomy and Physiology
- Foundation Chemistry
- Mathematics for Science
- Introduction to Kinesiology and Exercise Instruction
- Health Promotion Practice
- Information Technology
- Mathematics for Science
- Health Communications
- Introduction to Health and Fitness
- Determinants of Health
- Facilitation and Group Work Skills

### Year 2

- Human Anatomy and Physiology
- Health Biochemistry
- Health Microbiology
- Health Psychology
- Exercise Physiology
- Biomechanics of Human Movement
- Functional Anatomy and Kinesiology
- Research Methods
- Physical Testing and Evaluation
- Promoting Healthy Behaviours
- Determinants of Health

## Quick Fact

We develop students interpersonal, communication, active listening, and IT Skills. These skills are highly valued by potential employers or for progression to further study.

# Clinical Measurement Physiology

This programme allows students the opportunity 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 NEW Programme

- **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 high-class facilities, hospital standard equipment, and individual lab spaces. Students will reinforce their learning by doing, in a real clinical environment.

## Career Opportunities

Graduates from this degree will be able to take up employment as a clinical measurement physiologist. They are healthcare professionals who work directly with patients performing, reporting and acting on diagnostic tests and investigations. 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 in Ireland and some structured programmes are available in the UK. Working in healthcare will offer 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, equivalent to 8 weeks. These placements are in two of the five disciplines. In Year 4, students undergo a third minor placement in one of the remaining three disciplines and undertake a major placement in one of the minor disciplines they previously undertook.

## 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 & 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



**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, food science, food product development, physiology, biochemistry and psychology. Graduates have the skills to work as a nutritionist or a food scientist across a broad range of disciplines and sectors.

[atu.ie/AU972](https://atu.ie/AU972)

[atu.ie/AU862](https://atu.ie/AU862)



3/4 Years



370 (Level 8 2022)  
280 (Level 7 2022)



**Minimum Entry Requirements PLUS**  
• Garda Vetting



32 Places



Work Placement



Erasmus+



[cao.sligo@atu.ie](mailto: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).

In Year 4, students complete a work placement. This takes place in food-related industries, academia, health promotion, and public health agencies, in hospitals, and with sports nutritionists in Ireland or abroad. As the programme progresses, students will select a specialised subject with options including advanced nutrition, public health nutrition, sports and exercise nutrition, and clinical nutrition.

### 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 third-level 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?

Level 8 students complete a research project in Year 4. Topics include public health nutrition, clinical nutrition and sports nutrition. Previous papers have included behaviour change techniques to improve gluten-free diet adherence in people with coeliac disease, nutritional design during cancer treatment, the role of nutrition in recovery from muscle damage in elite athletes, and the challenges and opportunities of developing food products for the ageing population.

## What will I study?

### Year 1

- Human Biology
- Chemistry
- Physics
- 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
- Microbiology
- Analytical Techniques
- Human Anatomy and Physiology
- Health Psychology
- Agricultural and 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

### Professional Accreditation



**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 laboratories 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.





**ATU**

# St Angela's

OTA San Aingéal



**Over 1,600 students study full-time, part-time or online with ATU St Angela's. 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.**

## 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 rooms, 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 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 St Angela's.

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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



509 (Level 8 2022)



### 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  
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### 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 home economics and biology to 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), M.Ed. (Home Economics); MA (Contemporary Innovations in Education); MSc. (Food Innovation). 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 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: 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



# Katie McGlynn

## BEd (Hons) in Home Economics and Biology Teaching

I've always wanted to study Home Economics and Biology teaching at St. Angela's. The programme is broad, and you get an insight into so many areas. It also has a great mix of practical and theory modules.

The smaller class sizes allow you to build a good rapport with everyone as well as the lectures. Our lecturers are experts in their fields and are always approachable and very helpful. School placement is very enjoyable and it's when you apply theoretical and practical knowledge.

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



509 (Level 8 2022)



### 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+



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### 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

Postgraduate opportunities include Structured PhD (Home Economics), M.Ed. (Home Economics); MA (Contemporary Innovations in Education); MSc. (Food Innovation). 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 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

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



488 (Level 8 2022)



### 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+



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### 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), M.Ed. (Home Economics); MA (Contemporary Innovations in Education); MSc. (Food Innovation). 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



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



509 (Level 8 2022)



### 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\* or Home Economics 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+



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### 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), M.Ed. (Home Economics); MA (Contemporary Innovations in Education); MSc. (Food Innovation). 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 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 Fhíliocht 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 Fhíliocht sa Ghaeilge
- An tÚrscéal sa Ghaeilge
- Teanga na Gaeilge 5

AU987 | Leibhéal 8 | Baitsiléir san Oideachas (Onóracha)

# Eacnamaíocht Bhaile agus Gaeilge

Cúrsa oideachais múinteoirí lánaimseartha, comhthráthach 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 yNuacháilithe san Eacnamaíocht Bhaile agus Gaeilge.

atu.ie/AU987



4 Bliana



509 (Leibhéal 8 2022)



### Gnáthriachtanais Iontrála

- H4 ar a laghad sa Ghaeilge
- H5 ar a laghad in ábhar eile
- O6/H7 i gceithre hábhar eile lena n-áirítear Béarla, Mata, Eacnamaíocht Bhaile nó Ábhar Eolaíochta Saotharlainne\* agus trí hábhar aitheanta eile
- \* áirítear Bitheolaíocht, Ceimic, Fisic, Fisic/Ceimic nó Eolaíocht Talmhaíochta i measc na nÁbhar Eolaíochta Saotharlainne PLUS
- Grinnfhiosrúchán Garda



48 Áit



Socrúchán Oibre



Erasmus+



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### Gnéithe Speisialta

Is bunghné den clár 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 Ardeistiméireacht. Beidh cáilíocht phroifisiúnta agus acadúil ag céimithe agus beidh siad in ann dul i mbun oibre in go leor eamálacha, lena n-áirítear oideachas, eacnamaíocht bhaile agus Gaeilge.

### Deiseanna maidir le Tuilleadh Taighde

I measc na ndeiseanna iarchéime áirítear PhD Struchtúrtha (Eacnamaíocht Bhaile); M.Ed. (Eacnamaíocht Bhaile); MA (Nuálaíochtaí san Oideachas); MSc. (Nuálaíocht Bhaile). Mar aon leis sin, féadfaidh céimithe tabhairt faoi staidéar iarchéime san oideachas, san eacnamaíocht bhaile, sa bhitheolaíocht nó i réimsí gaolmhara in ionaid ardoideachais eile.

### An raibh a fhios agat?

Tá an cúrsa ceithre bliana seo ar an t-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-bhunscóile.

### Creidiúnú Proifisiúnta

An Chomhairle  
Mhúinteoireachta  
The Teaching Council

Céard iad na hábhair a dhéanfaidh mé staidéar orthu?

### Year 1

- Staidéar 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 Teaghligh
- An Gearrscéal sa Ghaeilge
- Teanga na Gaeilge 1 & 2

### Bliain 2

- Bliain 2
- Staidéar Oideachais 2
- Oideolaíocht Ábhair
- Foghlaim agus Múineadh Ionchuimsitheach
- Socrúchán Scoile 2
- Eolaíocht Bhaile agus Cothú
- An Baile – Dearadh Teicstílí agus Intí
- Athbheochan na Gaeilge
- An Béaloideas agus Fíliocht Bhéil
- Teanga na Gaeilge 3

### Bliain 3

- Peirspictíochtaí Criticiúla san Oideachas
- Modhanna Taighde Oideachais
- Oideolaíocht Ghinearálta
- Socrúchán Scoile 3
- Micribitheolaíocht Bhaile
- 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 Fhíliocht sa Ghaeilge
- An tÚrscéal sa Ghaeilge
- Teanga na Gaeilge 5



**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. 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 Education (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

300 (Level 8 2022)

**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+

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## Special Features

There is a mandatory work placement in Semester 2 of Year 3 where students must 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.

## Special Features (contd.)

Students typically take on roles in product development, quality assurance and production supervision. Irish placement companies have included Kerry, Flahavan's, 2 Sisters Food Group, Glanbia, Aurivo, Good4U, Lakeland Dairies, Boyne Valley, Dairygold, Ornu, Ballymaguire Foods, The Foods of Athenry and many more.

## 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.

## 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).

## Professional Accreditation

Additional certification can be achieved through programme: Basic Food Hygiene, certified by Environmental Health Officers (Health Service Executive).

## 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

## 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

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.



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



300 (Level 8 2022)



### 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  
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### 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



400 (Level 8 2022)



### 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+



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### 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 Alltrianais agus  
Cnóimhseachais 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



## Asemota Ofure Joel

### BSc (Hons) in Intellectual Disability Nursing

During my Year 4 internship, I work under distant supervision from my preceptor, and I am given the opportunity to organise an activity that the service users are interested in. There is a huge amount of support in this placement; in addition to my preceptor, my clinical placement coordinator, and my academic link lecturer, are all very helpful when needed. I am really enjoying the residential community placement because all support is provided in a person-centred manner.

I can also work with other multidisciplinary team members like the dietician, doctors, physiotherapists, occupational therapists, speech and language therapists, psychologists, family members, and clinical nurse specialists. This opportunity puts into practice the latest theoretical knowledge and skills gained in college during my placement. Overall, I am really enjoying my chosen career and dealing with the challenges that come with it positively and with the right support system in place.

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



320 (Level 8 2022)



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



## 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



# 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

From 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 305.

## 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. Discover the degree options available on page 307.

## Online, Flexible and Professional Development

ATU offers over 350 online, flexible and professional development courses, that respond to student demand and deliver skills needed in the marketplace. Built on our expertise and in collaboration with industry partners, our accredited courses support students at all stages, regardless of location, to access and continue lifelong learning, develop new skills, and advance their careers.

## Access Studies

Students who successfully complete this Level 6 programme will obtain the educational qualification for admission to Higher Education courses in a wide range of disciplines. This programme is available part-time or full-time, and there are no fees for this course.

## Training for Success with Epilepsy Ireland

This one-year access course in General Studies (Level 5) aims to help individuals identify and achieve their goals, build confidence and self-esteem, decide upon a career and learn about the nature and management of epilepsy. For more information, please visit [www.epilepsy.ie](http://www.epilepsy.ie)



# 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
- Chef de Partie (Consortia Programme)

## 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](http://www.apprenticeship.ie)







# Tertiary Education Programmes

Cláir Oideachais Threasaigh

**Atlantic Technological University (ATU) has developed joint further and higher education degree programmes in four discipline areas. The consortium comprises Galway and Roscommon ETB (GRETB), Mayo, Sligo and Leitrim ETB (MSLETB), Donegal ETB and ATU.**

The four programmes developed within the consortium will deliver enhanced progression opportunities and pathways to learners, in line with Further Education and Training Strategy 2020-2024, as well as assist with the National Strategy for Higher Education to 2030 in regard to Tertiary Education.

Applicants interested in applying to these programmes should apply directly to:

## Bachelor of Business (Hons)

leading to awards in:

- Supply Chain Management and embedded awards
- Digital Business and embedded awards
- Enterprise and Innovation and embedded awards



[www.gretb.ie](http://www.gretb.ie)

## Bachelor of Science (Hons) in Sustainable Engineering Technologies

leading to awards in:

- Manufacturing Industry with embedded awards
- Computing with embedded awards



[www.donegaletb.ie](http://www.donegaletb.ie)

## Bachelor of Science (Hons) in Industrial Laboratory Science

leading to awards in:

- Biopharmaceutical Science
- Biochemistry
- Life Sciences



[www.msletb.ie](http://www.msletb.ie)

For more information visit: [www.atu.ie/etbdegrees](http://www.atu.ie/etbdegrees)

## Tertiary Access Route into the Bachelor of Science (Hons) in General Nursing





# How to Apply

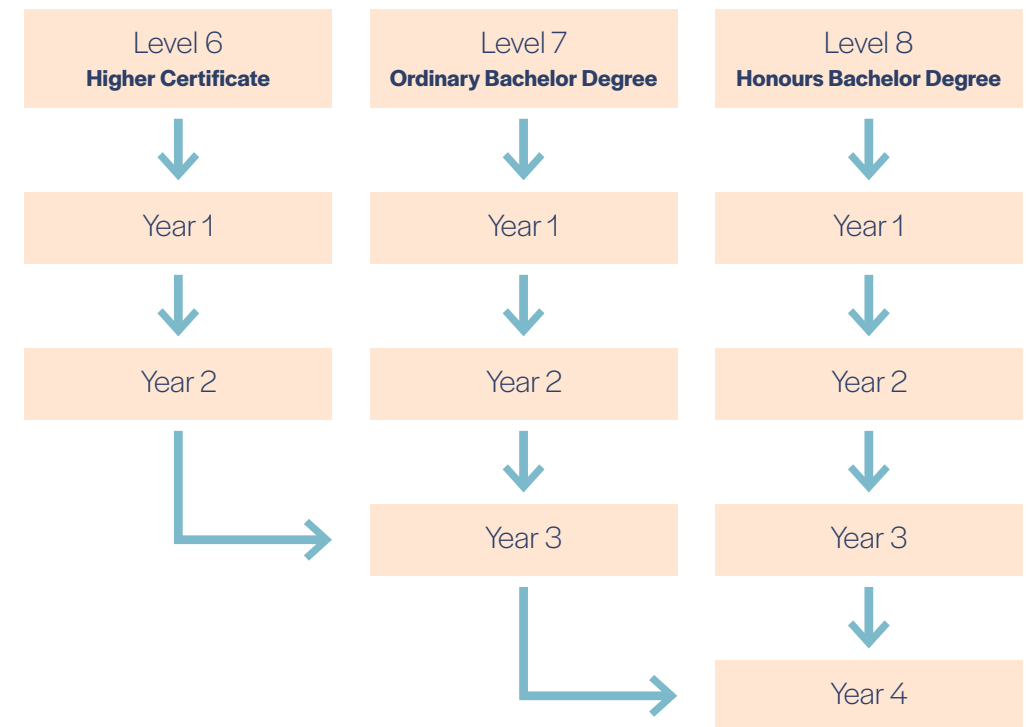
Conas Iarratas a Dhéanamh



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.





## 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

→ <https://hea.ie/funding-governance-performance/funding/student-finance/>

→ [www.susi.ie](http://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](http://www.slc.co.uk) or

→ [www.studentfinancenl.co.uk](http://www.studentfinancenl.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](http://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 <http://www.cao.ie/index.php?page=scoring&s=icepointsgid>

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, [https://www.cao.ie/?page=points\\_calc&bb=studentresources](https://www.cao.ie/?page=points_calc&bb=studentresources)

## 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:

<b>F1</b>	<b>20 points</b>
<b>F2</b>	<b>12 points</b>

## 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, [https://www.cao.ie/index.php?page=fetac\\_search](https://www.cao.ie/index.php?page=fetac_search)

Details of the Scoring Scheme for QQI awards can also be found via the Applicants section of the CAO website, [http://www2.cao.ie/fetac/FETAC\\_scoring.pdf](http://www2.cao.ie/fetac/FETAC_scoring.pdf)

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 <http://www.cao.ie/index.php?page=scoring&s=gce> 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

**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*	
PPP	MP	MM	D	98
				MP
		PP		M

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.

→ Please attach to the completed 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 Lámfhásta

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](http://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,

[www2.cao.ie/downloads/documents/Guidelines-EU-EFTA.pdf](http://www2.cao.ie/downloads/documents/Guidelines-EU-EFTA.pdf)

For Erasmus partners and student please use the following contact details:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	<a href="mailto:erasmus.donegal@atu.ie">erasmus.donegal@atu.ie</a>	+353 74 918 6063
Galway	<a href="mailto:erasmus.galwaymayo@atu.ie">erasmus.galwaymayo@atu.ie</a>	+353 91-753161 (Ext: 2253)
Sligo	<a href="mailto:erasmus.sligo@atu.ie">erasmus.sligo@atu.ie</a>	+353 71 9137298
St Angela's	<a href="mailto:international.stangelas@atu.ie">international.stangelas@atu.ie</a>	+353 71 91 35623 +353 86 0324238 (WhatsApp, mobile)
Information for international applicants:		<a href="http://www.atu.ie/international">www.atu.ie/international</a> <a href="http://www.stangelas.ie/international">www.stangelas.ie/international</a>

### 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](http://www.atu.ie/international). The relevant contacts are as follows:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	<a href="mailto:international.donegal@atu.ie">international.donegal@atu.ie</a>	+353 74 918 6068
Galway	<a href="mailto:international.galwaymayo@atu.ie">international.galwaymayo@atu.ie</a>	+353879669196 (WhatsApp, mobile)
Sligo	<a href="mailto:international.sligo@atu.ie">international.sligo@atu.ie</a>	+353 91 753161 (Ext: 2349)
St Angela's	<a href="mailto:international.stangelas@atu.ie">international.stangelas@atu.ie</a>	+353 71 91 35623 +353 86 0324238 (WhatsApp, mobile)
Information for international applicants:		<a href="http://www.atu.ie/international">www.atu.ie/international</a> <a href="http://www.stangelas.ie/international">www.stangelas.ie/international</a>

## 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](http://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.

### 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 Application Form, 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.

### 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.

Donegal	(074) 918 6125	admissions.donegal@atu.ie
Galway	(091) 742 140	admissions.galwaymayo@atu.ie
Sligo	(071) 931 8510	admissions.sligo@atu.ie





## How to Apply

### 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](http://www.atu.ie) for the most up-to-date information before making an application.

### Acknowledgments

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## 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](mailto:admissions.galwaymayo@atu.ie)

### ATU Connemara

**T:** +353 (0)91 74 2650  
**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### ATU Mayo

**T:** +353 (0)94 90 25700  
**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### ATU Mountbellew

**T:** +353 (0)90 96 79205  
**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### ATU Donegal Letterkenny

**T:** +353 (0)74 91 86000  
**E:** [admissions.donegal@atu.ie](mailto:admissions.donegal@atu.ie)

### ATU Donegal Killybegs

**T:** +353 (0)74 91 86600  
**E:** [admissions.donegal@atu.ie](mailto:admissions.donegal@atu.ie)

### ATU Sligo

**T:** +353 (0)71 91 55222  
**E:** [admissions.sligo@atu.ie](mailto:admissions.sligo@atu.ie)

### ATU St. Angela's

**T:** +353 (0)71 91 43580  
**E:** [admissions.stangelas@atu.ie](mailto:admissions.stangelas@atu.ie)







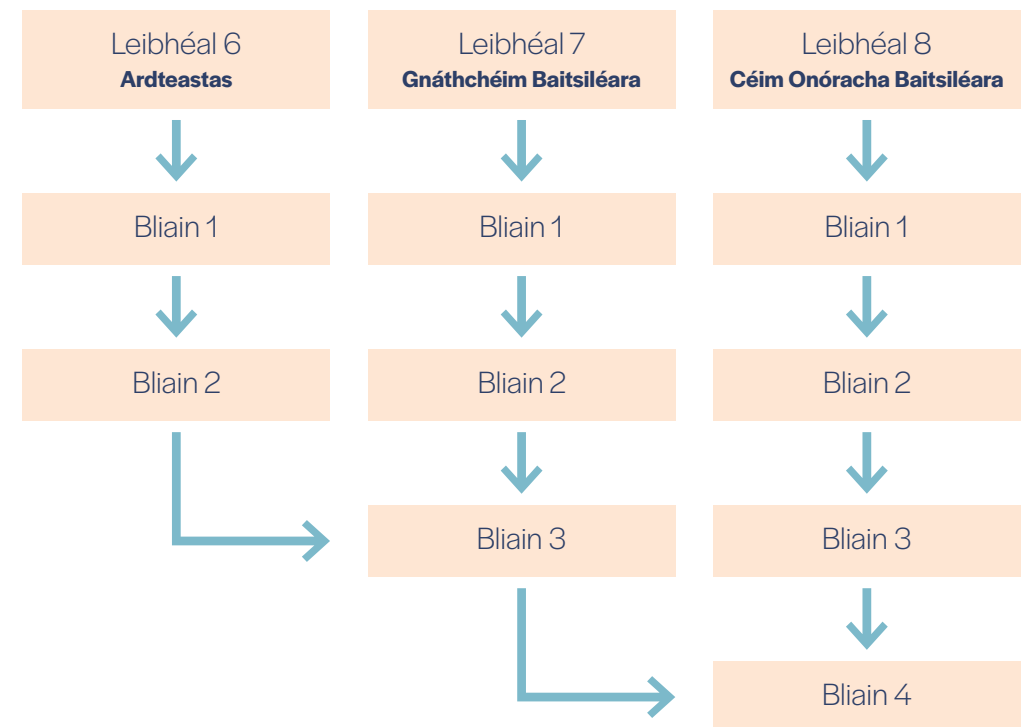
# Conas Iarratas a Dhéanamh

How to Apply

Bíonn cuma chasta ar an bhfoirm CAO, ach le beagán taighde bíonn sé an-éasca í a líonadh amach. Tá go leor acmhainní físeáin ar an suíomh gréasáin CAO, lena n-áirítear taispeántas samplach maidir leis an bpróiseas iarratais – is fiú go mór breathnú ar na hacmhainní sin roimh duit tús a chur le d'iarratas féin. Déan suíomh gréasáin CAO a sheiceáil chun a bheith cinnte go bhfuil tú ar an eolas maidir leis na dátaí oscailte agus dúnta agus bí cinnte go gcuirfidh tú d'iarratas isteach in am. Ní dhéanfar aon eisceachtaí má chailleann tú amach ar spriocdhátaí. Féadfaidh do Threoirchomhairleoir Gairme, do mhuintir nó do chairde a bhfuil taithí acu ar an gcóras iarratais CAO cuidiú leat do chuid roghanna a phlé agus chun a chinntiú nach mbeidh aon bhotúin i d'iarratas.

Tá sé tábhachtach machnamh a dhéanamh ar an cúrsaí a chuireann tú i d'iarratas CAO agus ord tosaíochta a thabhairt dóibh. Faigh amach an bhfuil bealaí eile isteach sa chúrsa nó sa ghairm bheatha sin a bhfuil spéis agat ann – is lú roghanna a bheidh i d'iarratas CAO, is lú roghanna a bheidh agat. Féadfaidh mic léinn iarratas a dhéanamh ar suas le fiche cúrsa ar an bhfoirm CAO – deich gcúrsa ag leibhéal 8 agus deich gcúrsa ag leibhéal 6/7. Mar sin, mura gcomhlíonann mic léinn ach liosta leibhéal 8, agus má dhéanann siad neamhaird ar liosta leibhéal 6/7, beidh dóchúlacht níos ísle acu tairiscint ar chúrsa coláiste a fháil.

Is rogha úsáideach é dul ar aghaidh ó chúrsa ag leibhéal 6 nó 7. Is minic go mbíonn pointí agus riachtanais iontrála níos ísle ag gabháil le cúrsaí ag leibhéal 6 agus 7 i gcomparáid leis an gcúrsa céanna ag leibhéal 8. Ní bhíonn an tiomantas céanna i gceist, rud a thugann solúbthacht do mhic léinn, ach féadfaidh iarrthóirí dul ar aghaidh chuig céim ag leibhéal 8 más mian leo. Féadfaidh céimithe ó chlár leibhéil 6 nó 7 filleadh chun an cúrsa ag leibhéal 8 a chríochnú ina dhiaidh sin. Sa ghrafaic thíos, leagtar amach na bealaí iontrála le haghaidh cúrsaí fochéime, is cuma má tá tú ag teacht isteach ón ardeistiméireacht, ón Ardoideachas, nó más mac léinn lánfhásta thú.



## Táillí

D'fhéadfadh na rialacha a bhaineann le táillí agus deontais athrú. Breathnaigh ar shuíomhanna gréasáin an Údaráis um Ardoideachais agus SUSI chun teacht ar an eolas is déanaí maidir leis na critéir cháilitheachta a bhaineann le táillí agus deontais. Féach

→ <https://hea.ie/funding-governance-performance/funding/student-finance/>

→ [www.susi.ie](http://www.susi.ie)

Tá tacaíocht ar fáil do mhic léinn ó Thuaisceart Éirinn chun costais a íoc. Déan teagmháil leis an mBord Oideachais agus Leabharlaine i do cheantar nó tabhair cuairt ar na suíomhanna gréasáin thíos do thuilleadh eolais

→ [www.slc.co.uk](http://www.slc.co.uk) nó

→ [www.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

Ceithre bhliana ar a mhéad a bhíonn i gceist le maoiniú, de ghnáth. Ní íoctar deontais ach má tá tinreamh, torthaí agus dul chun cinn an mhic léinn sásúil. Mar sin, mura ndéanfaidh tú aon dul chun cinn, agus má bhíonn ort táillí a íoc chun bliain acadúil a athdhéanamh, is iondúil go gcaillfidh tú aon deontas a bhí ar fáil duit roimhe sin. D'fhéadfadh an t-údarás um deontais na rialacha sin a tharscaoileadh i gcásanna eisceachtúla - sa chás ina ndeimhneofar go raibh tinneas tromchúiseach ort, mar shampla.

## Nosanna Imeachta Iarratais

Cuirtear cúrsaí ó Leibhéal 6 go dtí Leibhéal 10 ar an gCreat Náisiúnta Cáilíochtaí ar fáil in Ollscoil Teicneolaíochta an Atlantaigh.

### Dámhachtainí Fochéime

Leibhéal 6	Higher Certificate
Leibhéal 7	Ordinary Bachelor Degree
Leibhéal 8	Honours Bachelor Degree

### Postgraduate Awards

Leibhéal 9	Master's Degree
Leibhéal 10	Doctoral Degree

De ghnáth téann iarrthóirí fochéime isteach i mbliain a haon tríd an CAO. Cuireann OTA 'dréimire deiseanna' ar fáil. Nuair a bhaineann tú amach dámhachtain ag leibhéal amháin, féadfaidh tú leanúint ar aghaidh go dtí cúrsa gaolmhar ag an gcéad leibhéal eile, in OTA nó in ollscoil eile.

## Conas Iarratas a Dhéanamh

Déantar iarratais ar chúrsaí lánaimseartha céad bliana de chuid OTA, ag leibhéal 6-8, tríd an Lár-Oifig Iontrála (CAO). Is féidir iarratas a dhéanamh i mí na Samhna ar chúrsaí a thosnaíonn i mí Mheán Fómhair na bliana ina dhiaidh sin. Tá eolas mionsonraithe maidir le conas iarratas CAO a dhéanamh ar fáil ag [www.cao.ie](http://www.cao.ie)

Ní mór d'iarrthóirí atá ag cur isteach ar iontráil ag céim chun cinn, i.e. ar bhliain 2 nó níos airde i gcúrsaí fochéime nó i gcúrsaí iarchéime, iarratas díreach a dhéanamh chuig OTA. Ní mór go mbeidh creidiúintí ardoideachais leordhóthanacha baint amach agat i réimse gaolmhar sula mbeidh tú in ann iarratas a dhéanamh ar iontráil ag céim chun cinn.

## Dátaí Tábhachtacha don CAO

5 Samhain @ 12:00 meán lae	Osclaíonn tréimhse iarratais an CAO
20 Eanáir @ 5:00pm	Spriocdháta d'iarratais ar líne faoi lascaine
1 Feabhra @ 5:00pm	Spriocdháta d'iarratais agus do Chláir Shrianta
5 Márta @ 5:00pm	Athosclaíonn CAO d'iarratais Dhéanacha
1 Bealtaine @ 5:00pm	Spriocdháta d'iarratais Dhéanacha
5 Bealtaine @ 12:00 meán lae – 1 Iúil @ 5:00pm	Tréimhse um Athrú Intinne

## Tá cúig phríomhchineál iarratais ann:

1. Ardteistiméireacht na hÉireann
2. Iarrthóirí FETAC agus QQI
3. Iarrthóirí ó thíortha AE/LEE agus ón Ríocht Aontaithe/Tuaisceart Éirinn
4. Iarrthóirí Lánfhásta
5. Iarrthóirí Idirnáisiúnta ó Lasmuigh den AE/LEE

Braitheann na coinníollacha iontrála ar an gcineál iarrthóra atá ionat agus ar leibhéal an chúrsa a bhfuil tú ag cur isteach air. Tá roinnt coinníollacha iontrála ann a bhaineann le gach cúrsa, nó le cuid mhór cúrsaí. Mar shampla, bíonn Gaeilge nó Béarla riachtanach i gcónaí. Ina theannta sin, bíonn an mata riachtanach do bheagnach gach cúrsa. Tá liosta de na bunriachtanais iontrála is coitianta ar fáil thíos. Athraíonn na critéir mheasúnaithe a úsáidtear ó chúrsa go cúrsa, áfach. Bí airdeallach ar na coinníollacha atá luaite ar an leathanach faoi leith a bhaineann le gach cúrsa. Déan teagmháil leis an Rannóg Iontrálacha má tá aon amhras ort.

## 1. Ardteistiméireacht na hÉireann - Bunriachtanais Iontrála

### Ardteastas (Leibhéal 6) agus Gnáthchéim (Leibhéal 7)

- 5 ábhar Ardteistiméireachta ag grád O6/H7 nó níos airde
- Ní mór go mbeidh Béarla nó Gaeilge i measc na n-ábhar
- 160 pointe ar a laghad
- Is ábhar riachtanach é an mhatamaitic an chuid is mó den am. Tá roinnt cúrsaí ann, áfach, nach bhfuil an mata mar bunriachtanas iontrála díobh, agus roinnt cúrsaí eile ann ina mbíonn gá le grád níos airde sa mhata. Tá sé tábhachtach an t-eolas faoi leith a bhaineann le gach cúrsa a léamh.

### Céim Onóracha (Leibhéal 8)

- 6 ábhar Ardteistiméireachta
- 2 ábhar ar a laghad ag grád H5 nó níos airde

- Grád O6/H7 ar a laghad i ngach ábhar eile. Ní mór go mbeidh Béarla nó Gaeilge i measc na n-ábhar
- Is ábhar riachtanach é an mhatamaitic an chuid is mó den am. Tá roinnt cúrsaí ann, áfach, nach bhfuil an mata mar bunriachtanas iontrála díobh, agus roinnt cúrsaí eile ann ina mbíonn gá le grád níos airde sa mhata. Tá sé tábhachtach an t-eolas faoi leith a bhaineann le gach cúrsa a léamh.

## Gráid Ardteistiméireachta agus Pointí a ghabhann leo

D'athraigh córas marcála na hArdteistiméireachta in 2017; sa tábla thíos taispeántar na gráid choibhéiseacha dóibh siúd a bhfuil torthaí Ardteistiméireachta ó 2016 nó roimhe sin acu:

2017 ar Aghaidh	2016 agus Roimhe
O6/H7	OD3
H5	HC3

Tá eolas maidir leis an scála pointí coiteann ar fáil ar shuíomh gréasáin an CAO ag <http://www.cao.ie/index.php?page=scoring&s=icepointsgrid>

Tá Áireamhán ar fáil is féidir a úsáid chun pointí a ríomh bunaithe ar thorthaí Ardteistiméireachta ar fáil chomh maith ar shuíomh gréasáin an CAO, [https://www.cao.ie/?page=points\\_calc&bb=studentresources](https://www.cao.ie/?page=points_calc&bb=studentresources)

## Béarla/Gaeilge

Bíonn grád Ardteistiméireachta O6/H7 nó níos airde (nó a choibhéis) sa Bhéarla nó sa Ghaeilge ag teastáil do gach cúrsa.

Mura bhfuil an Béarla/an Ghaeilge mar chéad teanga agat beidh cáilíocht aitheanta idirnáisiúnta Bhéarla de dhíth ort freisin, m.sh. IELTS Leibhéal 6 nó cáilíocht den sórt sin. Féadfaidh OTA cumas cainte Béarla iarrthóirí a thástáil agus/nó iarradh ar iarrthóirí torthaí ó scrúdú labhartha Béarla a sholáthar. D'fhéadfadh sé nach ligfeadh d'iarrthóir clárú nó go gcealófar iarratas sa chás nach bhfuiltear ag teacht leis an gcaighdeán iomchuí.

Ní ghlactar le torthaí ón nGaeilge Bhunleibhéal chun na coinníollacha iontrála a chomhlíonadh.



**Mata**

Is ábhar riachtanach é an mata le grád O6/H5 nó F2 ar a laghad an chuid is mó den am. Tá cúrsaí áirithe ann, áfach, nach mbíonn gá leis an mata, agus cúrsaí eile ann (cúrsaí innealtóireachta/ ríomhaireachta de ghnáth) nach féidir glacadh le mata bonnleibhéil nó ina mbíonn grád níos airde sa mhata ag teastáil, m.sh. H5 nó níos fearr. Bí cinnte an t-eolas faoi leith a bhaineann le gach cúrsaí a léamh go cúramach agus déan an riachtanas mata atá luaithe le gach cúrsa a sheiceáil.

**Mata Bonnleibhéil**

Is féidir an riachtanas mata a chomhlíonadh le mata bonnleibhéil ag grád F2 (80%) nó níos airde an chuid is mó den am, ach ní ghlactar leis an mata bonnleibhéil do gach cúrsa. De ghnáth ní ghlactar leis an mata bonnleibhéil do chúrsaí innealtóireachta. Mar aon leis sin, ní ghlactar leis an mata bonnleibhéil do roinnt cúrsaí ab initio Leibhéal 8. Breathnaigh ar an riachtanas mata atá ag gabháil le gach cúrsa faoi leith.

Seo thíos na pointí atá ag gabháil leis an Mata Bonnleibhéil, sna cásanna ina ghlactar leis:

<b>F1</b>	<b>20 pointe</b>
<b>F2</b>	<b>12 pointe</b>

**Pointí breise don Mhata Ardleibhéil**

Tugtar 25 phointe breise do mhic léinn a éiríonn leo grád H6 nó níos airde a fháil sa Mhata Ardleibhéil. Baineann na pointí breise sin le torthaí mata ardleibhéil ó bhlianta eile chomh maith. Do thorthaí sa mhata ardleibhéil ó 2016 agus roimhe sin, is gá go mbeidh grád HD3 nó níos airde ag iarrthóirí le go mbronnfar na pointí breise orthu.

**Cúrsaí Cáilithe Mata**

Tá cúrsaí cáilithe mata ag OTA d'iarrthóirí atá incháilithe ach nach bhfuil an riachtanas mata bainte amach acu don chúrsa a bhfuil siad ag cur isteach air. De ghnáth, cuirtear na cúrsaí cáilithe mata ar siúl tar éis do na torthaí Ardteistiméireachta teacht amach. Féach suíomh gréasáin OTA do thuilleadh eolais maidir le dátaí agus suíomhanna na gcúrsaí.

I ngach cás ní mór d'iarrthóirí gach riachtanas iontrála eile a chomhlíonadh don chúrsa, agus ní mór go mbeidh na pointí cearta acu.

**2. QQI Leibhéal 5/6 (FETAC)**

Ní mór go mbeidh mórdámhachtain iomlán ag leibhéal 5 nó níos airde ag iarrthóirí. Ní féidir taifead gnóthachtála, miondámhachtain nó páirtdámhachtain a úsáid chun na coinníollacha iontrála a chomhlíonadh. Ní mór go mbeidh ar a laghad 120 creidiúint QQI FET agat le go mbeidh tú incháilithe.

Bíonn riachtanais bhreise i gceist le roinnt cúrsaí. Glactar le haon dámhachtain QQI Leibhéal 5 d'fhorhmór na gcúrsaí in OTA. Bíonn dámhachtain áirithe QQI ag teastáil do chúrsaí áirithe in OTA, áfach (m.sh. altranais). Do roinnt cúrsaí eile is gá go mbeidh modúl áirithe déanta agat mar chuid de do dhámhachtain bhreiseoidreachais – is iondúil go mbíonn gá le modúl mata, nó go mbeidh pas bainte amach agat i Mata na hArdteistiméireachta. Do chúrsaí ag Leibhéal 8 is iondúil go mbíonn gá le 3 ghradam, ach bíonn 5 ghradam de dhíth do chúrsaí altranais.

Féach an leathanach dar teideal iarrthóirí ar shuíomh gréasáin an CAO do liostaí de gach riachtanas QQI/Breiseoidreachais atá ag gabháil le gach cúrsa de chuid OTA, [https://www.cao.ie/index.php?page=fetac\\_search](https://www.cao.ie/index.php?page=fetac_search)

Mar aon leis sin, tá na sonraí maidir leis an Scéim Marcála do dhámhachtainí QQI ar fáil ar an leathanach dar teideal iarrthóirí ar shuíomh gréasáin an CAO, [http://www2.cao.ie/fetac/FETAC\\_scoring.pdf](http://www2.cao.ie/fetac/FETAC_scoring.pdf)

Tabhair faoi deara nach n-úsáidfear pointí atá bunaithe ar torthaí QQI/FET ach nuair atá na háiteanna atá mar chuid den chuóta gairme á líonadh. Déantar an chuid is mó de na tairiscintí d'áiteanna faoin gcuóta gairme i mBabhta a Náid. Sa chás nach líonfar an cuóta gairme do chúrsa i mBabhta a Náid féadfar tairiscintí breise don chuóta céanna a dhéanamh sna babhtaí eile.

D'fhéadfadh sé go ndéanfar measúnú ar iarrthóirí le dámhachtain QQI ag Leibhéal 6 nó níos airde le haghaidh iontráil ag céim chun cinn, i.e. i mBliain a Dó i gcúrsa gaolmhar. Ní mór iarratas a dhéanamh go díreach chuig OTA más mian leat cur isteach ar iontráil ag céim chun cinn.

**3. Iarrthóirí ón Ríocht Aontaithe agus Ó Thuaisceart Éirinn**

Glactar le haon dámhachtain ag Leibhéal 3 ar chreat na Ríochta Aontaithe le dul isteach i gcúrsa sa chéad bhliain.

**Gnáthiarrthóirí ón Ríocht Aontaithe/ Tuaisceart Éirinn**

Is ionann gnáthiarrthóirí agus iarrthóirí a bhfuil meascán de thorthaí GCSE/GCE acu. Seo an chonair iontrála is simplí. Déantar cur síos thíos ar na riachtanais iontrála is coitianta, ach is gá breathnú ar na riachtanais faoi leith a bhaineann le gach cúrsa chun gach eolas a fháil.

Bíonn Béarla (nó Gaeilge) ina ábhar riachtanach i gcónaí. Grád C GCSE an grád is ísle a nglactar leis.

Bíonn an Mhatamaitic ina hábhar riachtanach an chuid is mó den am. Sna cásanna sin glactar le grád C GCSE de ghnáth, ach d'fhéadfadh sé go mbeidh grád níos airde ag teastáil do chúrsaí áirithe, go háirithe do chúrsaí innealtóireachta/ ríomhaireachta.

Eile - D'fhéadfadh sé go mbeidh riachtanais bhreise ag gabháil le cúrsaí áirithe. Sa chás ina mbíonn ábhair eile ag teastáil, is ionann an grád inghlactha agus Grád C GCSE nó níos airde. Mar shampla,

- D'fhéadfadh sé go mbeidh Ealaín riachtanach do roinnt cúrsaí Dearaidh
- Bíonn Eolaíocht saotharlainne riachtanach don Altranais agus do roinnt cúrsaí eolaíochta

**Do chúrsaí Leibhéal 6 nó Leibhéal 7 OTA beidh gá le:**

- Cúig ábhar éagsúil GCSE/GCE.
- Ní mór go mbeidh ar a laghad A-Leibhéal GCE amháin ag Grád E nó níos airde san áireamh.
- Is féidir leis an gceithre ábhar eile teacht ó GCSE (Gráid A-C amháin) nó ó AS (Gráid A-E).
- Ní mór go mbeidh Béarla nó Gaeilge i measc na n-ábhar, ag Grád C GCSE nó níos airde.

Bíonn an Mhatamaitic ina hábhar riachtanach an chuid is mó den am. Sna cásanna sin glactar le grád C GCSE de ghnáth, ach d'fhéadfadh sé go mbeidh grád níos airde ag teastáil do chúrsaí

áirithe, go háirithe do chúrsaí innealtóireachta/ ríomhaireachta. Sa chás ina mbíonn ábhair eile ag teastáil, is ionann an grád inghlactha agus Grád C GCSE nó níos airde.

**Do chúrsaí Leibhéal 8 ab initio OTA beidh gá le:**

- Sé ábhar éagsúil GCSE/GCE.
- Ní mór go mbeidh ar a laghad dhá A-Leibhéal GCE ag Grád C nó níos airde san áireamh.
- Is féidir leis an 4 ábhar eile teacht ó GCSE (Gráid A-C amháin), nó ó A-Leibhéil nó Leibhéil-AF (Gráid A-E).

Is féidir ábhair ón A-Leibhéal Feidhmeach a úsáid chun na bunriachtanais a chomhlíonadh.

Is féidir na bunriachtanais a chomhlíonadh ag baint úsáide as meascán de scrúduithe a rinneadh thar níos mó ná bliain amháin.

D'fhéadfadh sé tarlú nach roghnófar iarrthóir cé go bhfuil na bunriachtanais ar fad comhlíonta aige. Tá an próiseas iontrála iomaíoch agus tá rangú bunaithe ar phointí. Déantar pointí a ríomh bunaithe ar ghráid A-Leibhéil GCE. Dá airde do chuid torthaí GCE, is ea is fearr an seans go roghnófar thú.

**Nós imeachta maidir le Dámhachtainí ón Ríocht Aontaithe/Tuaisceart Éireann a scóráil/rangú**

Tá dhá chéim sa phróiseas roghnúcháin. I dtosach, ní mór duit máithreánú nó bunriachtanais an chúrsa a chomhlíonadh. Ansin bogfar ar aghaidh go dtí an dara céim, agus déanfar do chuid pointí a ríomh. D'fhéadfaí thú a roghnú bunaithe ar do chuid torthaí GCSE, ach ní bhronntar aon phointí orthu. Tá scóráil láraithe uathoibríoch an CAO bunaithe ar thorthaí A-Leibhéil agus (más infheidhme) Leibhéil-AF.

Féach <http://www.cao.ie/index.php?page=scoring&s=gce> do thuilleadh sonraí maidir leis an nós imeachta scórála.

Is féidir pas i gcúrsa cáilithe mata de chuid OTA a úsáid chun na coinníollacha iontrála mata a chomhlíonadh sa chás nár éirigh leat an grád riachtanach a bhaint amach i scrúdú mata na hArdteistiméireachta nó a mhacasamhail. Ní ghlactar le pas i gcúrsa cáilithe mata chun aon easnamh eile sna riachtanais iontrála a chomhlíonadh.

**Eolas tábhachtach**

- De ghnáth is féidir leis an CAO do chuid torthaí a fháil go díreach ó mBord Scrúduithe, ar an gcoinníoll go bhfuil an t-eolas ceart curtha ar fáil agat maidir le d'ionad scrúdaithe, uimhir scrúdaithe, srl.
- Má tá tú ag iarraidh go gcuirfear torthaí GCE/GCSE (nó Dámhachtainí Leibhéal 3 eile ón Ríocht Aontaithe) san áireamh, ní mór duit fianaise a chur ar fáil don CAO. Ba cheart fótachóipeanna creidiúnaithe de na Dámhachtain nó ráiteas torthaí - arna gcur ar fáil ag Bord Scrúduithe - a chur chuig an CAO. Is ionann fótachóip chreidiúnaithe agus fótachóip atá sínithe ag do scoil nó ag nótaire poiblí le deimhniú gur cóip gan athrú ar an mbunchóip é.
- Tá sé tábhachtach go gcuirfidh tú aon cháipéisí tacaíochta isteach go tráthuíl. De ghnáth, bítear ag súil leis go mbeidh aon cháipéisí tacaíochta faighte ag an CAO laistigh de 10 lá ón am a chuirtear an t-iarratas isteach.
- Má chuireann tú cáipéisí isteach déanach ba cheart duit scéala a chur chuig Oifig Iontrálacha OTA chun go mbeifear ar an eolas maidir leis na cáipéisí sin. Ní mór go mbeidh aon cháipéisí tacaíochta faighte ar a laghad 12 lá roimh an dáta a gcuirfear amach babhta tairiscintí. Déanfar measúnú ar aon cháipéisí a sheolfar isteach tar éis an spriocdháta sin mar chuid den chéad bhabhta eile, ar an gcoinníoll go bhfuil áiteanna fós ar fáil.

**Iarrthóirí neamhchaighdeánacha ón Ríocht Aontaithe/ Tuisceart Éirinn**

Meastar aon dámhachtainí seachas GCE/GCSE a bheith neamhchaighdeánach agus ní chuirtear san áireamh iad i bpróiseáil láraithe uathoibríoch an CAO. Má tá dámhachtainí ón Ríocht Aontaithe seachas GCE/ GCSE le háireamh mar chuid de d'iarratas, ní mór duit cáipéisí tacaíochta a sholáthar. Ba cheart sonraí maidir le dámhachtainí malartacha a chur chuig an CAO (más ag cur isteach ar áit sa chéad bhliain atá tú) nó a chur go díreach chuig OTA (más ag cur isteach ar iontráil ag céim chun cinn atá tú, i.e. iontráil ar bhliain 2, 3, nó 4).

Braitheann cé acu an aithneofar nó nach n-aithneofar dámhachtain neamhchaighdeánach ar leibhéal na dámhachtana ar an gcreat, ar na torthaí foghlama a baineadh amach, agus ar an gcaoi a bhfuil na torthaí foghlama sin ag teacht le riachtanais an chúrsa a bhfuitear ag cur isteach air.

Breathnóidh OTA ar dámhachtainí ag Leibhéal 3 nó níos airde ar Chreat na Ríochta Aontaithe, amhail dámhachtainí BTEC, AVC, GNVQ, srl.

Ní mór an méid seo a leanas a chur ar fáil i gcás aon dámhachtain neamhchaighdeánach ón Ríocht Aontaithe ag Leibhéal 3 nó níos airde

- 1. Teastas na Dámhachtana**
- 2. Tras-scríbhinn torthaí** - ina thaispeántar na hábhair ar fad a rinneadh agus gach grád a baineadh amach
- 2. Cóip den siollabas nó de sceideal an chúrsa** ina thaispeántar na módúil a rinneadh, na creidiúintí a bhaineann leo, agus na torthaí foghlamtha

Ní ghlacfar le haon dámhachtainí ón Ríocht Aontaithe faoi Leibhéal 3 chun máithreánú (seachas GCSE ag Grád C nó níos airde) agus déanfar neamhaird orthu.

Bronntar pointí CAO ar thorthaí scrúdaithe iarrthóirí a gcomhlíonann na mbunriachtanas iontrála. Seo thíos ár gcóras pointí:

An Chéad 3 A-Leibhéal	Leibhéil AS (agus an 4ú A-Leibhéal, más iomchuí)
185	74
156	62
131	52
106	42
84	34
63	25



**BTEC – Máithreánú**

Teideal na Dámhachtana BTEC	Teideal na Dámhachtana BTEC	Go ginearálta, is féidir máithreánú do	Eile
Fo-Diplóma		Leibhéal 6/7 amháin	I gcás cúrsaí áirithe a bhfuil an-tóir orthu, tá líon an-teoranta áiteanna ar fáil do dhaoine a bhfuil dámhachtainí gairme acu, ar nós BTEC nó Dámhachtainí QQI Leibhéal 5 ó Phoblacht na hÉireann
Dioplóma 90 Creidiúint			
Dioplóma	Teastas (roimh 2010)	Gach Cúrsa L6 /L7/L8, ach d'fhéadfadh sé go mbeidh coinníollacha nó srianta nó cuóta gairme teoranta ag baint le cúrsaí a bhfuil an-tóir orthu	
Dioplóma Leathnaithe	Dioplóma (2010)		

**BTEC Scóráil**

Dioplóma Leathnaithe	Dioplóma	Dioplóma 90 Creidiúint	Fo-Diplóma	Pointí
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

Do BTEC a baineadh amach roimh 2010, is é Teastas Náisiúnta an dámhachtain is isle a nglacfar leis. Déantar gach modúl a scóráil mar a leanas: pas 1, pas le tuillteanas 2, pas le gradam 3. Déantar an scór iomlán a ríomh ansin ag baint úsáide as an bhfoirmle seo a leanas: (suim na scór/líon na modúl x 3) x 390.



**Iontráil Ag Céim Chun Cinn, ADN agus dámhachtainí leibhéal 4 ón Ríocht Aontaithe**

D'fhéadfadh sé go ndéanfar measúnú ar iarrthóirí le dámhachtain ag Leibhéal 4 nó níos airde ar chreat na Ríochta Aontaithe le haghaidh Iontráil Ag Céim Chun Cinn i réimse gaolmhar. Ba cheart d'iarrthóirí ar Iontráil Ag Céim Chun Cinn iarratas a chur go díreach chuig OTA, agus ní chuig an CAO.

Cuir chugainn d'iarratas comhlánaithe ar OTA ina bhfuil sonraí maidir le do shiollabas ag Leibhéal 4 - m.sh. Ard-Diplóma Náisiúnta (ADN) nó eile – agus do chuid torthaí.

Braitheann cé acu an mbeimid nó nach mbeimid in ann áit a thabhairt d'iarrthóir ar iontráil ag céim chun cinn ar roinnt rudaí

- An spás atá ar fáil sa ghrúpa lena bhaineann an t-iarratas
- An teacht le chéile idir na torthaí foghlama atá bainte amach agat go dtí seo agus an cúrsa a bhfuil tú ag cur isteach air
- An mbeidh nó nach mbeidh tú in ann aon easnamh nó aon rud ar chaill tú amach air a dhéanamh suas nó a chomhlíonadh, lena n-áirítear aon riachtanas a bhaineann le socrúcháin oibre, srl.

Bíonn gach cás éagsúil. Tagann na céad tairiscintí don iontráil ag céim chun cinn amach ag deireadh mhí Iúil, de ghnáth. Tarlaíonn sé uaireanta áfach go mbíonn orainn fanacht go dtí go mbíonn torthaí scrúduithe an fhómhair tagtha amach chun ceisteanna a bhaineann le háiteanna a réiteach, agus d'fhéadfadh sé nach dtiocfaidh na tairiscintí sin amach go dtí mí Mheán Fómhair.



Toisc nach féidir gealladh go mbronnfar iontráil ag céim chun cinn, is minic go gcinneann iarrthóirí iarratas CAO a dhéanamh ar an gcéad bhliain freisin, mar dara rogha. Tá an méid sin ceadaithe. Is cuma má tá iarratas á dhéanamh agat go díreach chuig OTA agus/nó tríd an CAO, tá sé tábhachtach go gcuirfidh tú na cáipéisí tacaíochta ar fad ar fáil.

**4. Mic Léinn Lánfhásta**

Má tá iarratas á dhéanamh agat ar an gcead bhliain agus má tá tú 23 bliain d'aois (nó níos sine) ar an 1 Eanáir i mbliain na hiontrála, is "Iarrthóir Lánfhásta" thú. Do thuilleadh eolais, féach [www.cao.ie/mature](http://www.cao.ie/mature)

Déanfar gach iarrthóir lánfhásta a mheas bunaithe ar cháilíochtaí a baineadh amach cheana agus ar ráiteas pearsanta. I gcás cúrsaí a bhfuil an-tóir orthu, déanfar iarrthóir a rangú in ord tosaíochta agus tabharfar agallamh dóibh. Roghnófar iarrthóirí lánfhásta ar an altranais bunaithe ar scrúdú seachtrach arna eagrú ag an mBord Altranais. Féach an t-eolas ar leith a ghabhann le gach cúrsa chun tuilleadh eolais a fháil.

**5. Iarrthóirí Idirnáisiúnta**

Ollscoil ilchultúrtha is ea Ollscoil Teicneolaíochta an Atlantaigh, agus tá mic léinn ó níos mó ná 90 tír againn. Tá OTA páirteach sa chlár Erasmus+ le níos mó ná 25 bliain anuas. Tagann formhór na mac léinn Erasmus chugainn ón nGearmáin, ón bhFrainc, ón Spáinn agus ón Ostair. Tagann an chuid is mó dár mic léinn idirnáisiúnta chugainn ón India, ón Mhalaeisia, ón Óman, ó Stáit Aontaithe Mheiriceá, ó Cheanada agus ón tSín.

**Iontráil bunaithe ar Scrúduithe laistigh den AE/LSE**

D'iontráil chuig bliain a haon, breathnaímid ar cháilíochtaí scoile atá ar chomhchéim nó cosúil le hArdteistiméireacht na hÉireann nó dámhachtainí NFQ Leibhéal 5. Is iondúil go nglactar le scrúduithe Stáit/Náisiúnta a dhéantar ag deireadh an dara leibhéal. Do scrúduithe ón AE/LSE, féach na treoirlínte atá ar shuíomh gréasáin CAO. Gabh chuig Scóráil Iarrthóirí, agus ansin Riachtanais Iontrála d'Iarrthóirí AE/LSE.

[www2.cao.ie/downloads/documents/Guidelines-EU-EFTA.pdf](http://www2.cao.ie/downloads/documents/Guidelines-EU-EFTA.pdf)

**Ba cheart do pháirtithe agus mic léinn Erasmus úsáid a bhaint as na sonraí teagmhála seo thíos:**

Do chúrsaí i	R-phost teagmhála	Fón ( +353 cód na hÉireann)
Dún na nGall	<a href="mailto:erasmus.donegal@atu.ie">erasmus.donegal@atu.ie</a>	+353 74 918 6063
Gaillimh	<a href="mailto:erasmus.galwaymayo@atu.ie">erasmus.galwaymayo@atu.ie</a>	+353 91-753161 (Folín: 2253)
Sligeach	<a href="mailto:erasmus.sligo@atu.ie">erasmus.sligo@atu.ie</a>	+353 71 9137298
San Aingeal	<a href="mailto:international.stangelas@atu.ie">international.stangelas@atu.ie</a>	+353 71 91 35623 +353 86 0324238 (WhatsApp, guthán)
Eolas d'iarrthóirí idirnáisiúnta		<a href="http://www.atu.ie/international">www.atu.ie/international</a> <a href="http://www.stangelas.ie/international">www.stangelas.ie/international</a>

**Iontráil bunaithe ar Scrúduithe lasmuigh den AE/LSE**

Ní mór d'iarrthóirí idirnáisiúnta a bhfuil scrúduithe acu ó lasmuigh den AE/LSE iarratas a dhéanamh go díreach chuig an Oifig Idirnáisiúnta ag an gcampas OTA cuí, agus ní go díreach tríd an CAO. Chun iarratas a dhéanamh ar OTA mar mhac léinn malairte nó mar mhac léinn idirnáisiúnta neamh-AE, féach [www.atu.ie/international](http://www.atu.ie/international). Seo thíos na sonraí teagmhála ábhartha:

Do chúrsaí i	R-phost teagmhála	Fón ( +353 cód na hÉireann)
Dún na nGall	<a href="mailto:international.donegal@atu.ie">international.donegal@atu.ie</a>	+353 74 918 6068
Gaillimh	<a href="mailto:international.galwaymayo@atu.ie">international.galwaymayo@atu.ie</a>	+353879669196 (WhatsApp, guthán)
Sligeach	<a href="mailto:international.sligo@atu.ie">international.sligo@atu.ie</a>	+353 91 753161 (Ext: 2349)
San Aingeal	<a href="mailto:international.stangelas@atu.ie">international.stangelas@atu.ie</a>	+353 71 91 35623 +353 86 0324238 (WhatsApp, guthán)
Eolas d'iarrthóirí idirnáisiúnta		<a href="http://www.atu.ie/international">www.atu.ie/international</a> <a href="http://www.stangelas.ie/international">www.stangelas.ie/international</a>

**HEAR/DARE**

Tá OTA páirteach sna scéimeanna HEAR agus DEAR, atá dírithe ar iarrthóirí ó ghrúpa a bhfuil tearcionadaíocht acu san Ardoideachas. Bíonn solúbthacht pointí ann d'iarrthóirí incháilithe agus cuirtear tacaíochtaí iar-iontrála faoi leith ar fáil dóibh chomh maith.

Féach [www.accesscollege.ie](http://www.accesscollege.ie) do thuilleadh sonraí maidir leis na scéimeanna sin.

**Eolas Tábhachtach**

Ní gá go roghnófar iarrthóirí atá incháilithe don scéim HEAR/DEAR. Tá cuóta teoranta áiteanna HEAR/DARE ar fáil. Sa chás ina mbeidh níos mó iarrthóirí HEAR/DARE ná mar atá áiteanna ar fáil sa chuóta tabharfaidh OTA tús áite d'iarrthóirí atá

incháilithe do na scéimeanna DARE agus HEAR araon agus a gcomhlíonann gach critéar do na scéimeanna.

D'fhéadfaí áiteanna breise a thairiscint d'iarrthóirí a thagann tríd an gconair rochtana seo agus féadfaidh spásanna a líonadh lasmuigh den ghnáthphróiseas CAO.

Tabharfar díolúine d'iarrthóirí incháilithe HEAR/DARE go suas le 50 pointe faoi bhun gnáthmhéid na bpointí. Ní ghlactar le hiarrthóirí a bhfuil níos lú ná 160 pointe acu, áfach. D'fhéadfadh sé freisin go mbeidh feidhm ag grinnfhiosrúchán an Gharda agus ag polasaithe um fheidhmiúlacht chun cleachtadh i gcás roinnt cúrsaí.

## Tacaíochtaí Iar-Iontrála

Tá réimse leathan tacaíochtaí iar-iontrála ar fáil d'iarrthóirí HEAR/DARE. Tá na tacaíochtaí sin bunaithe ar mheasúnú ar riachtanais, agus áirítear na nithe seo a leanas leo:

- seisiúin thiomnaithe tionscnaimh
- teagasc i ngrúpaí beaga agus ceardlanna
- scileanna léitheoireachta/scríbhneoireachta/tagartha
- tacaíochtaí mata
- seisiúin tionscnaimh leabharlainne agus teagasc maidir le scileanna leabharlainne
- modhanna athbhreithnithe
- ullmhúchán do scrúduithe
- socruithe speisialta le linn scrúduithe
- rochtain ar theicneolaíocht oiriúnaitheach
- oiliúint i scileanna bainistíochta airgid
- piarmheantóireacht

## Aitheantas Réamhfhoghlama

Is éard is Aitheantas Réamhfhoghlama ann ná próiseas ina n-aithnítear réamhfhoghlaim atá déanta cheana féin (foirmiúil nó neamhfoirmiúil) sula ndearnadh an t-iarratas ar leibhéal an ardoideachais. Leis an modh seo is féidir réamhfhoghlaim a aithint agus a mheas go foirmiúil.

Mar chuid den aitheantas réamhfhoghlama d'fhéadfadh eisceachtaí éagsúla a bheith i gceist don iarrthóir, amhail iontráil ag céim chun cinn, creidiúintí breise, díolúintí ó ghnéithe áirithe de chúrsa, nó dámhachtain iomlán.

D'fhéadfadh foghlaim chreidiúnaithe nó foghlaim bunaithe ar taithí (neamhchreidiúnaithe) a bheith i gceist leis an réamhfhoghlaim. Mura bhfuil ach oideachas dara leibhéal agat, ní féidir leat cur isteach ar iontráil ag céim chun cinn.

Is ionann Réamhfhoghlaim Chreidiúnaithe agus foghlaim chreidiúnaithe ó fhoras amhail QQI nó ollscoileanna, coláistí agus institiúidí atá aitheanta ag an stát. Is féidir cáilíochtaí a baineadh amach thar lear a chur san áireamh le réamhfhoghlaim chreidiúnaithe.

Is ionann Réamhfhoghlaim Thaithibhunaithe agus creidiúintí a thabhairt bunaithe ar rudaí a foghlaimíodh ó thaithí. Is minic nach mbíonn foghlaim fhoirmiúil i gceist leis sin, agus go bhfoghlaimitear rudaí ón taithí saoil agus oibre.

Do thuilleadh eolais, déan teagmháil leis an gcomhordaitheoir Réamhfhoghlama Aitheanta ar an gcampas lena mbaianeann:

OTA Dún na nGall:	christine.mccabe@atu.ie
OTA Gaillimh:	olive.kelly@atu.ie
OTA Sligeach:	myra.feely@atu.ie

## Iarrthóirí D'iontráil Ag Céim Chun Cinn Blianta 2, 3, 4 agus 5

### Cé hiad na daoine is féidir leo iarratas a dhéanamh ag iontráil ag céim chun cinn?

Má tá cúrsa ardoideachais déanta agat cheana ag leibhéal cuí i réimse ábhartha, is féidir leat iarratas a dhéanamh ar iontráil ag céim chun cinn.

### Gnáthiontráil ar an iontráil ag céim chun cinn

Beidh clár gaolmhara ag an leibhéal roimhe ag an gCreat Náisiúnta Cáilíochta bainte amach ag gnáthiarrthóirí ar an iontráil ag céim chun cinn. Mar shampla, má tá gnáthchéim trí-bliana Leibhéal 7 bainte amach agat, d'fhéadfadh sé go mbeidh tú incháilithe dul isteach i mbliain a ceathair de chlár onóracha ag Leibhéal 8.

### Iontráil ag céim chun cinn d'iarrthóirí neamhchaighdeánacha / d'iarrthóirí neamh-AE

Is ionann iarrthóirí neamhchaighdeánacha agus daoine a bhfuil cáilíochtaí iasachta acu nó aon cháilíocht ghaolmhar nach bhfuil ar Chreat Náisiúnta Cáilíochtaí de chuid na hÉireann.

- Ní mór go mbeidh ar a laghad bliain amháin déanta agat i gcúrsa gaolmhar ag Leibhéal 6 níos airde ar an gcreat atá ag teacht le CNC na hÉireann

- Ní mór go mbeidh an fhoghlaim/cáilíocht sin i réimse atá gaolta leis an gcúrsa a bhfuil tú ag cur isteach air.

- Ní mór go mbeidh na torthaí foghlama a baineadh amach sa chúrsa eile ag teacht leis na torthaí foghlama a mbaintear amach ag mic léinn idirnáisiúnta a théann isteach ar chúrsa OTA ar an ngnáthbhealach.

Beidh tairiscintí agus díolúintí, más ann dóibh, ag brath ar an gcaoi a thagann na torthaí foghlama ón gcúrsa eile leis riachtanais an chúrsa a bhfuil tú ag cur isteach air in OTA. Déantar an méid sin a mheas bunaithe ar na cáipéisí tacaíochta a chuireann tú ar fáil, de ghnáth. Tá sé de cheart ag OTA iarrthóirí a chur faoi agallamh nó measúnú eile a dhéanamh orthu, más gá sin.

### Conas is féidir liom iarratas a dhéanamh ar iontráil ag céim chun cinn?

Ba cheart iarratais ar Iontráil ag Céim Chun Cinn a dhéanamh go díreach chuig OTA. Seo thíos na sonraí teagmhála do gach campas.

Dún na nGall	(074) 918 6125	admissions.donegal@atu.ie
Gaillimh	(091) 742 140	admissions.galwaymayo@atu.ie
Sligeach	(071) 931 8510	admissions.sligo@atu.ie

## Cén t-eolas a chaithfidh mé a chur ar fáil?

1. Foirm Iontráil Dhíreach OTA, agus i líonta isteach i gceart
2. Cóipeanna deimhnithe d'aon cháilíochtaí ardoideachais ábhartha agus/nó tras-scríbhinní scrúduithe sa bhunteanga.
3. Do cháilíochtaí nach bhfuil mar chuid de Chreat Náisiúnta Cáilíochtaí na hÉireann, cuir chugainn cóip den siollabas a bhí ag gabháil leis na cáilíochtaí sin.
4. Ní mór aistriúcháin chreidiúnaithe a chur ar fáil d'aon cháipéisí nach bhfuil i mBéarla.

Ní bheifear in ann iarratas a phróiseáil mura gcuirfear cáipéisí agus aistriúcháin chuí ar fáil. Níl muid freagrach as aon bunchóipeanna a chuirtear chugainn agus ní chuirtear cáipéisí ar ais chuig iarrthóirí sa phost.





## How to Apply

### Conas a bheidh a fhios agam gur éirigh le m'iarratas ar iontráil ag céim chun cinn?

Cuirfear scéala chuig gach iarrthóir rathúil ar ríomhphost. Do chúrsaí a thosnaíonn i mí Mheán Fómhair, is iondúil go gcuirfear an céad tairiscintí amach i mí Iúil. D'fhéadfadh sé go gcuirfear tairiscintí amach roimhe sin i gcás go mbíonn dáta tosaithe luath ag cúrsa nó i gcás go bhfuilimid in ann measúnú a chríochnú roimhe sin. I gcás nach nglacfar le gach tairiscint sa chéad bhabhta, d'fhéadfadh sé go ndéanfar tairiscintí eile sna míonna ina dhiaidh sin.

Ní mór duit freagairt iomchuí agus thráthúil a thabhairt ar an tairiscint. Mura ndéanfaidh tú amhlaidh, rachaidh do thairiscint in éag agus d'fhéadfadh sé go dtabharfar an spás sin do dhuine ar an liosta feithimh.

### Séanadh

Tá gach iarracht déanta againn an t-eolas sa réamheolaire seo a bhailiú, agus creidimid go bhfuil sé cruinn agus beacht ag am a chló. In ainneoin sin, déantar athbhreithniú rialta ar na cláir, saoráidí, creidiúnú agus socruithe eile a ndéantar cur síos orthu sa réamheolaire seo, agus d'fhéadfadh sé go mbeidh siad faoi réir athruithe gan fhógra ar chúis mhaith. Molaimid d'iarrthóirí breathnú ar shuíomh gréasáin OTA [www.atu.ie](http://www.atu.ie) chun an t-eolas is déanaí a fháil sula gcuirfear iarratas isteach.

### Buíochas

Grianghrafadóireacht le hAengus McMahon, Aidan Haughey, Brad Anderson, Ciaran Mc Hugh, COADY Architects, Conor Doherty, Eric Barry, Islander Visual, James Connolly, Jamie Keaveney, Jessica Priddy, Paul McGuckin, Pink Lime, Sean Mullery, Sligo Tourism agus Tadgh Conway.

## Déan Teagmháil le OTA

### OTA Cathair na Gaillimhe

**T:** +353 (0)91 753161  
(Campas Bhóthar Bhaile Átha Cliath)

**T:** +353 (0)91 770661  
(Campas Bhóthar Pháirc an Tobair)

**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### OTA Conamara

**T:** +353 (0)91 74 2650

**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### OTA Maigh Eo

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**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### OTA An Creagán

**T:** +353 (0)90 96 79205

**E:** [admissions.galwaymayo@atu.ie](mailto:admissions.galwaymayo@atu.ie)

### OTA Dún na nGall, Leitir Ceanainn

**T:** +353 (0)74 91 86000

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

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### OTA Sligeach

**T:** +353 (0)71 91 55222

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### OTA San Aingeal

**T:** +353 (0)71 91 43580

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## 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
<b>ATU Galway City</b>		
Creative Pathways Open Day (Wellpark Rd campus)	Tuesday 24th October 2023	10am - 2pm
Open Day (Dublin Rd campus)	Saturday 25th November 2023	10am - 1pm
Open Evening (Dublin Rd campus)	Thursday 25th January 2024	6pm - 8pm
Open Day (Dublin Rd & Wellpark Rd campuses)	Saturday 13th April 2024	10am - 1pm
<b>ATU Mayo</b>		
Open Day	Wednesday 18th October 2023	10am - 1pm
Open Day	Wednesday 13th March 2024	10am - 1pm
<b>ATU Connemara</b>		
Open Day	Friday 10th November 2023	11am - 1pm
Open Day	Saturday 23rd March 2024	11am - 1pm
<b>ATU Mountbellew</b>		
Open Day	Wednesday 4th October 2023	10am - 12.30pm
Open Day	Wednesday 6th March 2024	10am - 12.30pm
Open Day	Saturday 27th April 2024	10am - 12.30pm
<b>ATU Donegal</b>		
Open Day	Thursday 9th November 2023	9.30am - 2pm
Open Evening	Wednesday 24th January 2024	4pm - 7pm
Open Day	Saturday 2nd March 2024	10am - 1pm
Open Evening	Thursday 2nd May 2024	4pm - 7pm
<b>ATU Sligo and ATU St Angela's</b>		
Open Day	Friday 17th November 2023	10am - 1pm
Open Day	Saturday 18th November 2023	10am - 1pm
Open Evening	Thursday 18th January 2024	6pm - 8pm
Open Day	Saturday 20th April 2024	10am - 1pm

## Contact Us

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.



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### Connect with us online

For the most up to date CAO information please go to [www.atu.ie/CAO](http://www.atu.ie/CAO) and follow @atu\_ie 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.