

Ollscoil
Teicneolaíochta
an Atlantaigh

Atlantic
Technological
University



Réamheolaire / Prospectus

2023 – 24

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Ábhar





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Programmes List

CAO Code	Course Title	Level	Points	Page
GALWAY CITY				
Business				
AU601	Business	8	285	51
AU501	Business	7	252	51
AU401	Business	6	168	51
AU600	Accounting	8	303	53
AU607	Digital Accounting	8	NEW	54
AU602	Business Information Systems	8	298	55
AU502	Business Information Systems	7	253	55
AU605	Entrepreneurship	8	287	56
AU505	Entrepreneurship	7	278	56
AU604	Finance and Economics	8	318	58
AU504	Finance	7	318	58
AU603	Marketing and Sales	8	300	59
AU503	Marketing and Sales	7	278	59
Tourism, Hospitality and Heritage				
AU631	Gastronomy Science and Food Innovation	8	235	61
AU531	Gastronomy Science and Food Innovation	7	160	61
AU429	Culinary Arts Professional Chef Programme	6	181	62
AU628	International Travel and Tourism Management	8	252	63
AU528	International Travel and Tourism Management	7	180	63
AU426	Travel and Tourism Operations	6	171	64
AU629	Event Management with Public Relations	8	230	65
AU529	Event Management with Public Relations	7	216	65
AU427	Event Operations with Public Relations	6	NEW	66
AU625	Heritage	8	252	67
AU525	Heritage	7	174	67
AU425	Heritage	6	252	68
AU630	International Tourism Management	8	218	69
AU530	International Tourism Management	7	163	69
AU428	Tourism Operations	6	162	70
Engineering				
AU637	Architectural Technology	8	273	72
AU537	Architectural Technology	7	260	72
AU638	Civil Engineering	8	377	74
AU538	Civil Engineering	7	304	74
AU635	Construction Management	8	302	75
AU535	Construction Management	7	246	75
AU636	Quantity Surveying and Construction Economics	8	304	76
AU536	Quantity Surveying and Construction Economics	7	234	76
AU642	Software and Electronic Engineering	8	300	78
AU542	Software and Electronic Engineering	7	225	78
AU649	Engineering	8	413	79
AU549	Engineering	7	304	79

CAO Code	Course Title	Level	Points	Page
GALWAY CITY				
AU647	Biomedical Engineering	8	331	80
AU547	Biomedical Engineering	7	308	80
AU646	Energy Engineering	8	312	81
AU546	Energy Engineering	7	279	81
AU650	Manufacturing Engineering Design	8	336	82
AU550	Manufacturing Engineering Design	7	308	82
AU645	Mechanical Engineering	8	400	83
AU545	Mechanical Engineering	7	294	83
AU648	Agricultural Engineering	8	304	140
AU548	Agricultural Engineering	7	290	140
Science and Computing				
AU656	Science (Undenominated)	8	445	85
AU556	Science (Undenominated)	7	302	85
AU670	Applied Biology and Biopharmaceutical Science	8	381	86
AU569	Applied Biology and Biopharmaceutical Science	7	302	86
AU655	Applied Freshwater and Marine Biology	8	366	88
AU555	Applied Freshwater and Marine Biology	7	303	88
AU668	Chemical and Pharmaceutical Science	8	356	89
AU568	Chemical and Pharmaceutical Science	7	310	89
AU675	Physics and Instrumentation	8	301	90
AU575	Physics and Instrumentation	7	302	90
AU669	Forensic Science and Analysis	8	408	92
AU671	Medical Science	8	510	93
AU663	Public Health Nutrition	8	368	94
AU662	Sport and Exercise Science	8	366	95
AU664	Sports Coaching	8	NEW	96
AU677	Computing and Digital Media	8	270	97
AU577	Computing and Digital Media	7	244	97
AU676	Computing in Software Development	8	310	98
AU576	Computing in Software Development	7	280	98
Design and Creative Arts				
AU617	Animation and Game Design	8	NEW	100
AU618	Art	8	790	101
AU518	Art	7	775	101
AU615	Film and Documentary	8	301	103
AU616	Creative Media and Storytelling	8	NEW	104
AU620	Art and Design & Communication Graphics	8	406	105
AU619	Design (Common Entry)	8	331	108
AU519	Design (Common Entry)	7	271	108

CAO Code	Course Title	Level	Points	Page
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CONNEMARA

Furniture Design, Technology and Teacher Education

AU683	Furniture Design, Making and Technology	8	467	115
AU583	Furniture Design, Making and Technology	7	422	115
AU681	Furniture Design and Manufacture	8	346	116
AU581	Furniture Design and Manufacture	7	302	116
AU682	Furniture Making and Architectural Woodworking	8	360	117
AU582	Furniture Making and Architectural Woodworking	7	369	117
AU680	Education (Design Graphics and Construction)	8	410	118

MAYO

Health Sciences, Wellbeing and Society

AU696	Applied Social Care	8	265	123
AU593	Applied Social Care	7	241	123
AU697	Community Development and Youth Work	8	NEW	124
AU594	Community Development and Youth Work	7	NEW	124
AU690	General Nursing	8	440	125
AU691	Psychiatric Nursing	8	369	126
AU695	Early Childhood Education and Care	8	227	127
AU592	Early Childhood Education and Care	7	171	127
AU491	Early Childhood Education and Care	6	170	128
AU694	History and Geography	8	201	129
AU591	Culture and Environment	7	201	129
AU490	History and Geography	6	195	130
AU693	Geography and Outdoor Education	8	261	132
AU692	Outdoor Education	8	269	133
AU590	Outdoor Education and Leisure	7	166	133

MOUNTBELLEW

Business, Engineering and Science

AU606	Rural Enterprise and Agri-Business	8	291	137
AU506	Rural Enterprise and Agri-Business	7	278	137
AU657	Agriculture and Environmental Management	8	340	139
AU557	Agriculture and Environmental Management	7	281	139
AU648	Agricultural Engineering	8	304	140
AU548	Agricultural Engineering	7	290	140

CAO Code	Course Title	Level	Points	Page
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DONEGAL LETTERKENNY

Business

AU301	Business	8	288	143
AU300	Accounting	8	312	144
AU302	Marketing with Online Technologies/ Marketing Practice with Online Technologies	8	261	145
AU200	Business (Common Entry)	7	189	147
AU330	Design (Common Entry)	8	301	149
AU231	Animation	7	183	151
AU230	Film and Media Production	7	217	152
AU232	Fashion Design with Promotion	7	189	154
AU233	Graphic and UX Design	7	188	155
AU312	Communications with English	8	NEW	156
AU311	Corporate Law	8	NEW	157
AU310	LLB	8	300	158
AU210	Law with Criminal Justice	7	161	159
DIRECT	Preparatory Studies for Higher Education (Access Course)	6 DIRECT ENTRY		161
AU322	Hospitality Management	8	NEW	162
AU221	Tourism and Hospitality Operations	7	NEW	163
AU321	Athletic Therapy and Exercise Rehabilitation	8	NEW	166
AU320	Sport and Exercise (Common Entry)	8	290	167
AU222	Sports and Exercise	7	NEW	169

Engineering and Technology

AU343	Architectural Technology	8	234	171
AU340	Fire Safety Engineering	8	283	172
AU342	Construction Management	8	262	173
AU242	Construction (Common Entry)	7	NEW	174
AU341	Quantity Surveying	8	304	176
AU240	Quantity Surveying	7	204	176
AU243	Building Engineering (Common Entry)	7	NEW	177
AU241	Civil Engineering	7	164	179
AU361	Computer Science	8	316	180
AU363	Computing in Data Science and Artificial Intelligence	8	NEW	181
AU362	CyberPsychology	8	NEW	182
AU360	Applied Computing	8	320	183
AU260	Computer Games Development	7	206	184
AU262	Computing with Cybersecurity and Digital Forensics	7	NEW	186
AU261	Computing	7	180	187
AU352	Biomedical Design	8	NEW	188
AU351	Electronic Engineering	8	321	189
AU250	Electronic Engineering	7	198	189
AU350	Mechanical Engineering	8	300	190
AU251	Mechanical Engineering	7	163	190
AU353	Engineering (Common Entry)	8	NEW	191
AU253	Engineering (Common Entry)	7	NEW	193
AU252	Electric Vehicle Engineering	7	NEW	195

Programmes List

CAO Code	Course Title	Level	Points	Page
DONEGAL LETTERKENNY				
Science and Health				
AU390	Early Childhood Care, Health and Education	8	288	197
AU190	Early Childhood Care, Health and Education	6	160	197
AU391	Health and Social Care (Common Entry)	8	279	199
AU191	Health and Social Care	6	195	200
AU290	Inclusive Practice for Special Needs Assistance	7	NEW	201
AU372	Bioanalytical Science	8	NEW	202
AU370	Food Science and Nutrition	8	NEW	203
AU373	Pharmaceutical and Medicinal Science	8	NEW	204
AU270	Science (Common Entry)	7	NEW	205
AU272	Agriculture	7	200	208
AU371	Agriculture (Common Entry)	8	308	209
AU271	Veterinary Nursing	7	389	211
AU173	Dental Nursing	6	180	212
AU172	Health Science with Dietetics Studies	6	336	213
AU171	Health Science with Occupational Therapy Studies	6	451	214
AU170	Health Science with Physiotherapy Studies	6	487	215
AU174	Pharmacy Technician	6	172	216
AU380	General Nursing	8	429	217
AU382	Intellectual Disability Nursing	8	357	218
AU381	Mental Health Nursing	8	367	219

DONEGAL KILLYBEGS

AU220	Culinary Arts	7	205	164
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CAO Code	Course Title	Level	Points	Page
SLIGO				
Business and Social Sciences				
AU900	Business	8	262	223
AU800	Business	7	233	225
AU700	Business	6	160	225
AU801	Business Administration	7	241	226
AU901	Business and Information Communications Technology (ICT)	8	279	227
AU902	Accounting	8	304	228
AU904	Marketing	8	298	229
AU802	Marketing	7	269	229
AU905	Tourism and Event Management	8	298	231
AU803	International Tourism and Event Management	7	160	232
AU903	Sport with Business	8	288	233
AU804	Applied Sport with Business	7	200	234
AU915	Law & Business	8	291	235
AU916	Sociology and Politics	8	298	236
AU917	English and Psychology	8	319	237
AU919	Early Education and Care	8	287	238
AU918	Social Care Practice	8	309	239

Engineering and Design

AU940	Engineering	8	373	241
AU830	Engineering	7	262	243
AU715	Engineering	6	163	243
AU941	Robotics and Automation	8	384	245
AU831	Mechatronic Engineering	7	290	247
AU832	Mechatronic Systems (Work Based Learning)	7	290	248
AU943	Mechanical Engineering	8	412	250
AU833	Mechanical Engineering	7	225	251
AU834	Precision Engineering and Design	7	341	252
AU944	Civil Engineering	8	418	253
AU835	Civil Engineering	7	226	253
AU945	Quantity Surveying	8	300	254
AU836	Quantity Surveying	7	216	254
AU716	Construction Economics	6	174	256
AU946	Construction Project Management and Applied Technology	8	313	258
AU837	Advanced Wood and Sustainable Building Technology	7	217	259
AU717	Applied Construction Technology	6	160	260
AU942	Electronics and Self-Driving Technologies	8	397	261
AU955	Computing	8	316	262
AU845	Computing	7	299	262
AU725	Computing	6	254	262
AU956	Computer Networks and Cyber Security	8	336	263
AU846	Computer Networks and Cyber Security	7	262	263

CAO Code	Course Title	Level	Points	Page
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SLIGO

AU957	Software Development	8	310	264
AU847	Software Development	7	279	264
AU848	Games Development	7	271	266
AU927	Creative Design	8	332	267
AU821	Creative Design	7	160	267
AU925	Architecture	8	403	268
AU926	Interior Architecture and Design	8	359	269
AU820	Interior Architecture and Design	7	222	270
AU928	Fine Art	8	501	271
AU822	Fine Art	7	375	271
AU931	Performing Arts	8	341	273
AU823	Performing Arts (Acting)	7	204	274
AU824	Performing Arts (Theatre Design)	7	205	275
AU929	Writing and Literature	8	308	276
AU930	Writing and Literature (Online)	8	327	276

Science

AU965	Science	8	358	277
AU730	Science	6	160	277
AU966	Environmental Science with Ecology	8	310	279
AU855	Environmental Science with Ecology	7	253	279
AU731	Environmental Science with Ecology	6	388	279
AU967	Occupational Safety and Health	8	307	281
AU856	Occupational Safety and Health	7	243	281
AU968	Pharmaceutical Science with Drug Development	8	357	282
AU857	Pharmaceutical Science with Drug Development	7	287	282
AU969	Biomedical Science	8	315	284
AU858	Biomedical Science	7	260	284
AU970	Forensic Investigation and Analysis	8	308	285
AU859	Forensic Investigation and Analysis	7	252	285
AU860	Health and Medical Information Science (Online)	7	387	286
AU971	Health Science and Physical Activity	8	326	287
AU861	Health Science and Physiology	7	296	289
AU732	Health and Exercise Science	6	396	290
AU972	Human Nutrition	8	376	291
AU862	Human Nutrition	7	299	291
AU973	Clinical Measurement Physiology	8	NEW	292

CAO Code	Course Title	Level	Points	Page
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SLIGO ST. ANGELA'S

Education, Home Economics, Food Business and Nursing

AU985	Home Economics and Biology	8	542	295
AU986	Home Economics and Religious Education	8	464	297
AU987	Home Economics and Irish	8	463	298
AU988	Home Economics	8	NEW	299
AU989	Nutrition, Food and Business Management	8	378	300
AU990	Home Economics	8	440	301
AU991	General Nursing	8	440	302
AU992	Intellectual Disability Nursing	8	387	304



Welcome from the President

Fáilte ón
Uachtarán

Welcome to Atlantic Technological University

Fáilte!

I am delighted to welcome you to the inaugural 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 20,000+ 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.

The 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 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 20,000 learners, spanning 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

Atlantic TU 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 & Innovation

At Atlantic TU we have a proud tradition of industry engagement, through collaborative research and providing courses 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

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

→ **1** Region

→ **9** Campuses

→ **600** Programmes

→ **8** Research Centres

→ **4,977** Graduates Annually

→ **20,418** Total Students

→ **2,253** Total Staff

1 ATU Donegal Letterkenny

2 ATU Donegal Killybegs

3 ATU Sligo St Angela's*

4 ATU Sligo

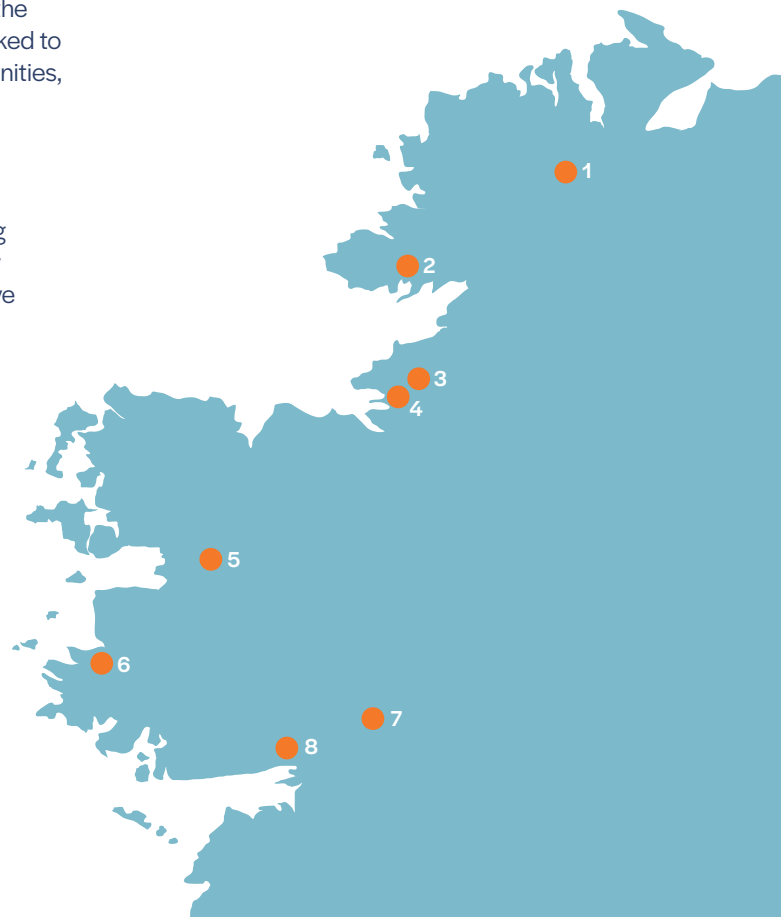
5 ATU Mayo

6 ATU Connemara

7 ATU Mountbellew

8 ATU Galway City

* Subject to formal incorporation of St Angela's College into Atlantic Technological University.





Galway City

Cathair na
Gaillimhe





Galway is a cosmopolitan city that is world-renowned for its friendliness and community vibrancy. The 2020 European Capital of Culture 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

Just a short distance from the city centre is Salthill. Overlooking Galway Bay, this famous seaside resort is perfect for a fun afternoon, a day at the beach or a leisurely stroll along the promenade. Barna Woods and the Riverside Walk offer the perfect settings for fresh air and exercise in beautiful surroundings. Regular bus services to Connemara National Park will allow you to escape the city and explore over 2,000 hectares of scenic mountains, bogs, grasslands and woodlands.

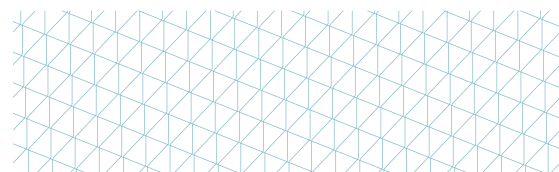
Accommodation

There are several purpose-built student villages located close to ATU Galway City. Students may also choose from numerous digs and private rental options. For more information on all the accommodation options,

please contact the Students' Union at **www.atustudentpad.ie**. Please note accommodation is owned and run by private operators and not by ATU.

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 fully floodlit 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 Astro turf and grass pitches at Mervue United AFC, rugby pitches at Galwegians RFC and a 200m five lane synthetic running track at O'Sullivan Park.



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.

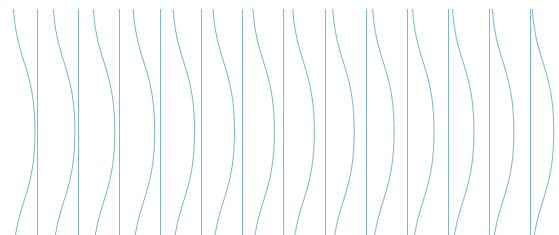
Accommodation

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. Contact details for

Hawthorn Village, the purpose-built student accommodation, can be found at www.hawthornvillage.ie Please note student villages are owned and run by private operators and not by ATU.

Sports Facilities

On-campus sports facilities include an indoor climbing wall, soccer pitch and running track. Students also have access to a range of local facilities. These include an eight-lane pool at 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.



Connemara

Conamara





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

Great Location

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

Incredible Beauty

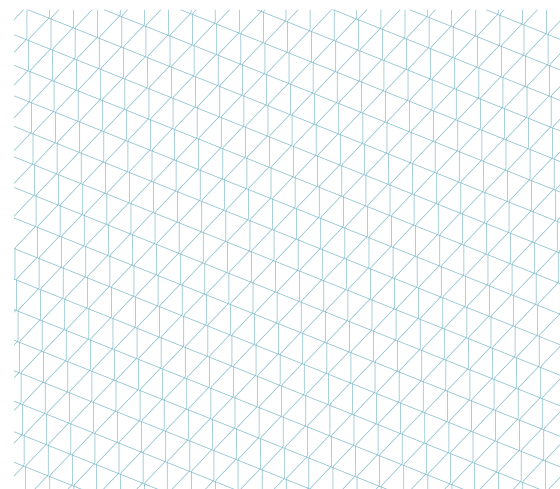
Letterfrack is overlooked by the majestic Diamond Hill and Connemara National Park. This park covers almost 3000 hectares of scenic mountains which are part of the famous Twelve Bens range. The main entrance to Connemara National Park is in the village and is the starting point for an array of stunning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

Accommodation

Purpose-built student accommodation, Áras Ghuaire, is located within one-minute walking distance of ATU Connemara. To contact Áras Ghuaire please go to www.letterfrackaccommodation.com To find out about private rental and digs options, please contact the Students' Union at www.atustudentpad.ie. Please note student villages are owned and run by private operators and not by ATU.

Sports Facilities

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



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

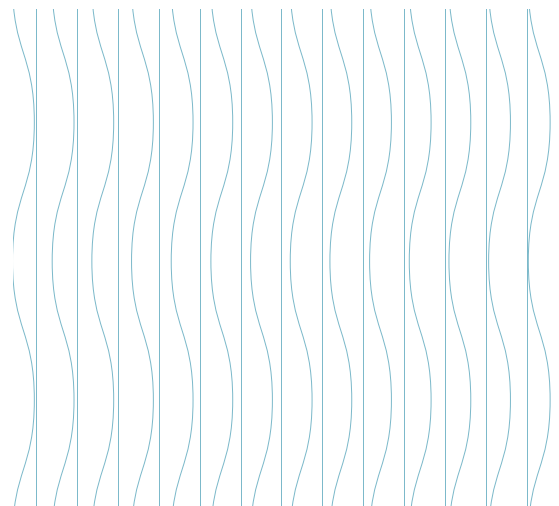
Mountbellew Demense includes a wooded area with forest walks and picnic areas. The Demense loop trail is a 2.2km walk or cycle trail which navigates through trees and flora. The area is also home to a wide diversity of wildlife species, whilst Mountbellew Lake is a sanctuary for waterfowl including ducks, 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. The accommodation service for ATU Mountbellew is provided by the Students' Union office. For more information on accommodation options please contact the Students' Union at www.atustudentpad.ie. Please be advised that properties are not vetted by ATU.

Sports Facilities

Students have access to a range 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.

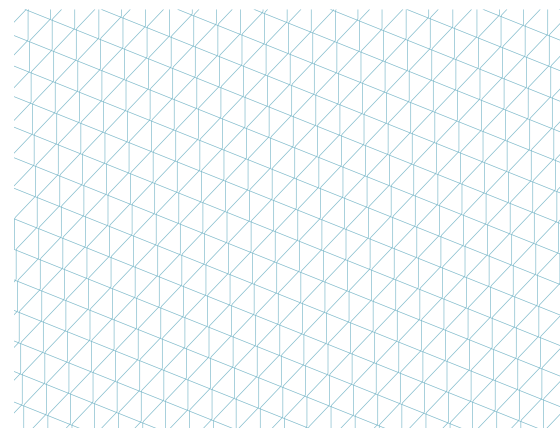
ATU Donegal Letterkenny

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. The ATU Donegal 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. The men's and ladies' sports teams have grown from strength-to-strength in recent years under the leadership of Michael Murphy, Head of Sport at ATU Donegal. 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.

Scholarships and Bursaries

ATU Donegal currently offers five types of scholarships to new entrant undergraduate students. More information on these scholarships can be found on www.atu.ie. The scholarships available are:

- New Entrant Sports Scholarships
- Optum North-West Healthcare Scholarships
- College of Sanctuary Scholarship
- The 1916 Bursary Fund
- ATU Donegal/GPA Scholarship

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 Sligo 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.

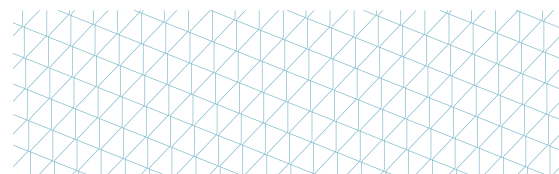
A Vibrant Town

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 and plentiful 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 ten 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 and FIFA approved, 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

www.gatewayapartments.ie

Ard Nua

www.ardnua.com

Uni Rooms @ Ard Nua

www.unirooms.ie

Yeats Village

www.yeatsvillage.net

Benbulbin Court Apartments

www.benbulbencourt.ie

Clarion Village

www.thevillageclarion.com

The Grove Student Complex

www.thegrovesligo.ie

Milligan Court

www.milligancourt.ie

Lake Isle Luxury Apartments

www.lila.ie

St. Angela's Lakeside Aparthotel

www.sala.ie



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.

Societies*

Ag Science	Games
Amination	Go Karting
Astronomy	International
Bushcraft	Law
Cheerleading	LGBTQ+
Christian Union	Literature
Dance	Mature
Debate	Music
DJ	Neurodiversity
Drama	Politics
Environmental	Robotics
Fashion	Rock Climbing
Photographic	Skate
Frisbee	Tea

* Clubs and Societies available will vary across individual campuses

Clubs*

American Football	Boxing	GAA
Archery	Chess	Golf
Athletics	Cricket	Handball
Badminton	Diving	Karate
Basketball	Equestrian	Kayaking
		Motorsport



Students' Union

Aontas na Mac Léinn

As soon as you become an ATU student, you automatically become a member of a Students' Union (SU). These are democratic organisations run by students, for students. The SU 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 & 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





Sport for All

**Spórt
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

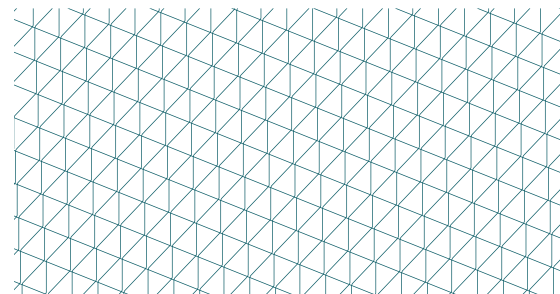
Develop your talent with the help of our top-class coaches and get the supports needed to excel in your chosen sport. Elite level athletes are encouraged to apply for an ATU Sports Scholarship. You will represent ATU at national or international level, whether that is individually or as part of a team.

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 gives talented student athletes the supports needed to excel in their chosen sport whilst maintaining academic excellence. Each year we award scholarships across a wide range of sports. 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.

1916 Bursary Fund

This is a funding scheme targeted at students who are socio-economically 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.

Additional Scholarships and Bursaries*

REACH Scholarship

College of Sanctuary Scholarship

GPA Postgraduate Scholarship

Optum 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

Contact us

For more information on scholarships and bursaries at ATU, please email admissions@atu.ie



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 or as a small group.

Technology Support

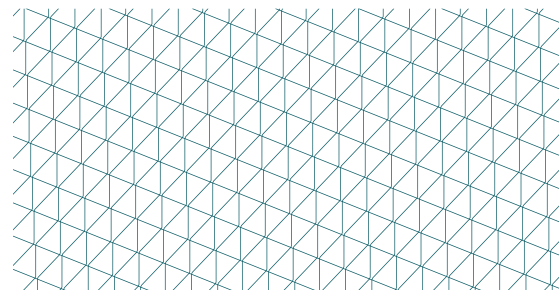
Our students have free Office 365 to download to their own devices plus free unlimited One Drive data storage, allowing them to study from anywhere in the world at any time. Students can also access a range of free modern technologies and free high-speed Wi-Fi on our campuses.

Induction

We know that the transition to college 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.

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 supports 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

If you have special learning needs, a disability or any circumstances which might need individual consideration, our access offices are here to help. A range of comprehensive and extremely modern assistive-technology supports are also available at ATU. This is central to our facilitation of students with disabilities or learning difficulties.

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 315 of the prospectus.

Disability Support

We are passionate about creating a third level 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

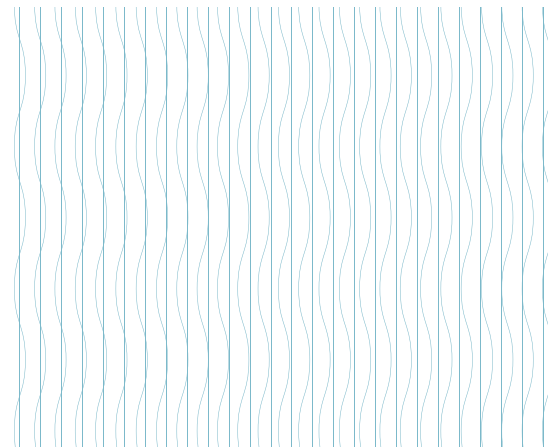
Our professional counselling service is free-of-charge to all students. The experienced teams will help and support students with any area of concern that might arise; be that academic, personal, financial, mental health or otherwise.

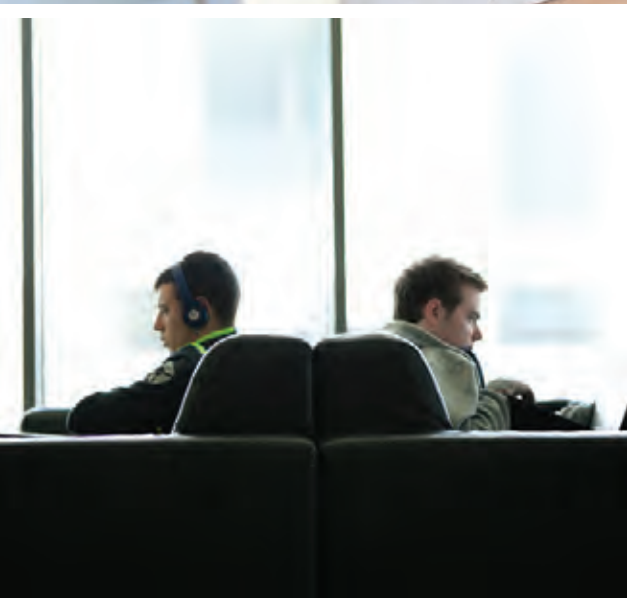
Health

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 many 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, need 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 the 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 institutes. 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

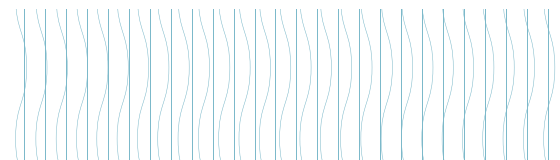
You will go on a journey of personal development as you step out of your comfort zone. You will gain new knowledge and develop language skills, whilst also having the option to study fully through English. There will be opportunities to travel to new destinations. You will take in world famous scenery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

Support

ATU's dedicated International Office's are 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

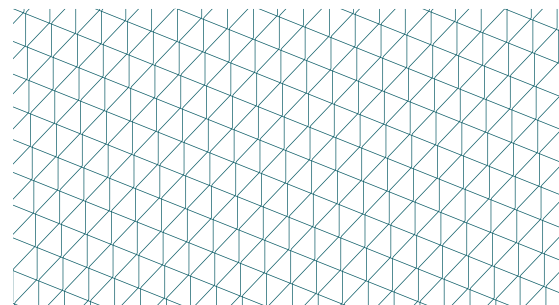
As we have seen many times before, leaving a good impression during work placement can often lead to job offers. Translating book knowledge into a working situation is a valuable skill employers look for.

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 your 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 our Academic Writing Centre and Maths Support Centre.

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

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 313.



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 Cert 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

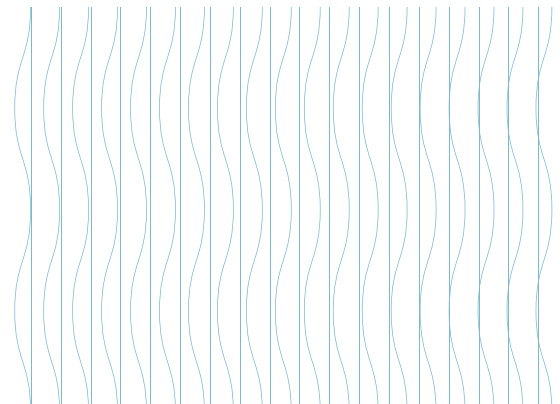
Applicants must present a full major award at QQI Level 5 or higher for entry into year one. Applicants with awards at QQI Level 6 may be considered for advanced entry into year two. For more information, please go to page 309.

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.





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, more and more Northern Irish students are choosing to study at ATU.

Fees

At €3000 per year, the student contribution fee is significantly less than in Northern Ireland and the UK. Based on July 2022 exchange rates, fees in Ireland are at least 79% 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 see www.susi.ie

Loans

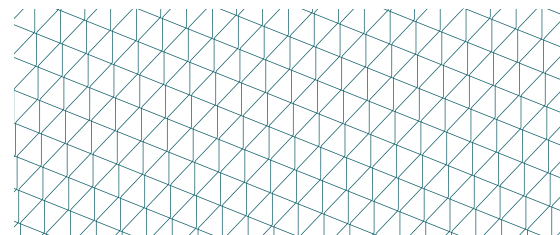
Students can apply to the Student Loans Company for a student-contribution loan. Students may also be entitled to a maintenance loan which will help with living costs. For more information see www.studentfinanceni.co.uk

Application Process

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

Entry Requirements

To view our entry requirements and how the points system works, please go to page 309. You will also find contact details here should you have any questions.





International Applicants

**Iarrthóirí
Idirnáisiúnta**

Our campuses attract students from right 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 40 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

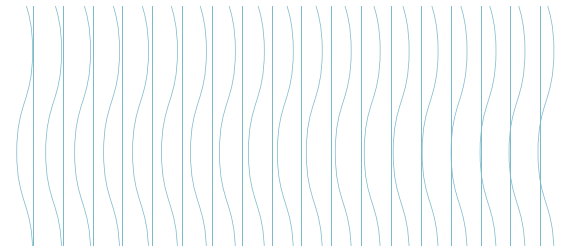
Our dedicated international offices will help with the admissions process and support you throughout your time in ATU. Please go to page 314 for our international offices contact information.

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.



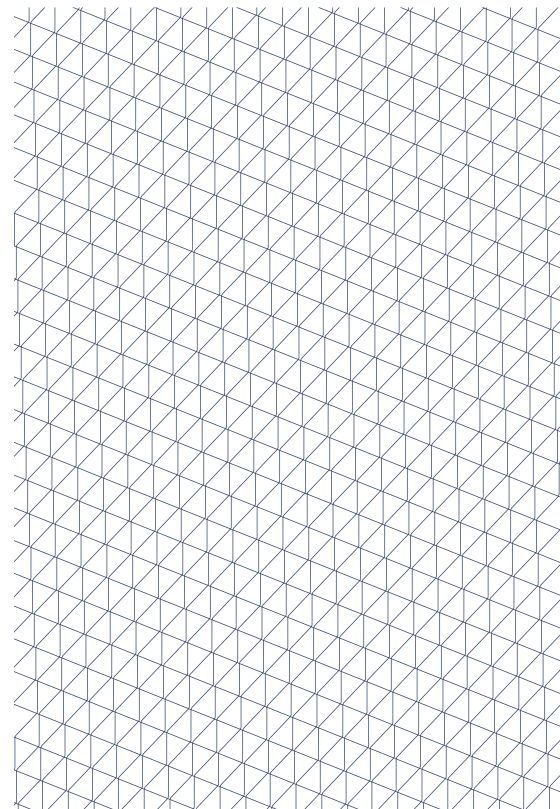


Campus Locations and Programmes

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.

Campus	Pages
ATU Galway City	49 - 112
ATU Connemara	113 - 120
ATU Mayo	121 - 134
ATU Mountbellew	135 - 140
ATU Donegal	141 - 220
ATU Sligo	221 - 292
ATU Sligo St. Angela's	293 - 304



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 editing suites, green screen rooms, studio spaces, MAC and PC labs, VR rooms, a weave room, sculpture and ceramic workshops, textile workshops, a digital fabrication lab and a life drawing room. 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.

Quality

Our programmes meet the highest standard leading to a creative, diverse and rewarding learning environment with a professional focus. Our highly respected academic staff foster an innovative approach that offers secure spaces to learn, share, collaborate and grow.

NEW CAO Programmes 2023 at ATU Galway City

CAO Code	Programme Title	Level	Campus
AU617	BA (Hons) in Animation and Game Design	8	ATU Galway City, Wellpark Road
AU616	BA (Hons) in Creative Media and Storytelling	8	ATU Galway City, Wellpark Road
AU619/ AU519	BA(Hons)/BA Design Common Entry with degree options in: <ul style="list-style-type: none"> Product Design Interior Design Graphic Design & Illustration Textile & Fashion Design 	8 & 7	ATU Galway City, Wellpark Road
AU607	BSc (Hons) in Digital Accounting	8	ATU Galway City, Dublin Road
AU664	BSc (Hons) in Sports Coaching	8	ATU Galway City, Dublin Road
AU427	Business in Event Operations with Public Relations	6	ATU Galway City, Dublin Road

Business

Programme Description

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.

Career Opportunities

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

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 and 8)

- 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 Electives Modules are Available - Check Website

**2/3/4 Years****60 Places****Standard Entry Requirements****Erasmus+**

285 (Level 8 2021)
252 (Level 7 2021)
168 (Level 6 2021)



Dr Noel Harvey
Programme Chair
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Deirdre Lusby
Head of Department of Business and Accounting
deirdre.lusby@atu.ie

Further Study Options

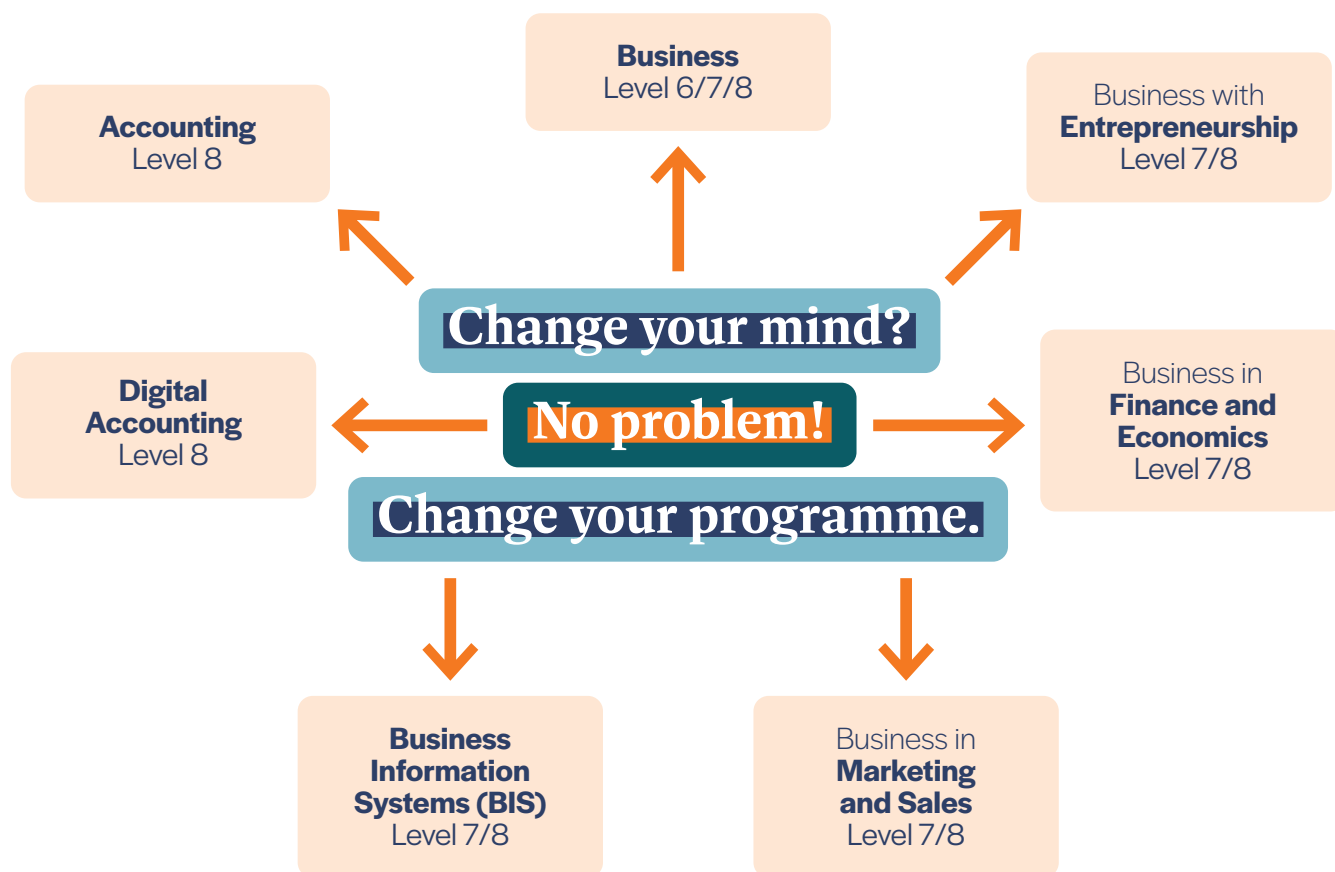
Students successfully completing the Higher Certificate in Business can progress, through an internal progression route, to Year 3 of the Bachelor of Business (Level 7).

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.



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 up to halfway through their second year:

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

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

Or

move INTO the Accounting degrees from any of the above degrees after two years, provided specific Accounting subjects have been taken in Year 2.

Also, students can move BETWEEN Business Information Systems and any of the courses after Year 1.

Accounting

Programme Description

Accountants are required by every business, providing expert business advice, and managing its 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.

The 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 of the professional bodies and industry. The programme is regularly updated in accordance with professional body and employer requirements.



3 Years



40 Places

Standard Entry
Requirements

303 (Level 8 2021)



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

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

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

Mandatory Modules Shown
– Electives Available in Year 3
– Check Website

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.

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, CIMA or Irish Taxation Institute, while working as part of a structured traineeship with an employer.

Did You Know?

This programme achieves the maximum available exemptions for an undergraduate accountancy degree in Ireland from the professional accountancy bodies.

Professional Accreditation



Digital Accounting

Programme Description

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.

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

Career Opportunities

Graduates of this programme will be able to continue their study and work experience to qualify as a professional accountant working in either industry or practice. They will be able to specialise as a management accountant and decision maker, as a systems accountant or work in digital auditing.

Further Study Options

Exemptions are currently being negotiated with the professional bodies including:

- Chartered Institute of Management Accountants (CIMA)
- Chartered Accountants Ireland (CAI)
- Association of Chartered Certified Accountants (ACCA)
- Certified Public Accountants (CPA)

Did You Know?

Applicants for this programme do not need to have previously studied accounting, business or honours maths.



4 Years



30 Places



Work Placement



Standard Entry Requirements



NEW Programme



Deirdre Lusby
Head of Department of Business and Accounting,
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Richie Hoare
Senior Lecturer in Accounting
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Professional Accreditations Expected



Business Information Systems

Programme Description

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.

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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4 (Level 8)

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

Mandatory Modules Shown
– Electives Available
– Check Website

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.



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+

298 (Level 8 2021)
253 (Level 7 2021)

Department of Enterprise and Technology

business.galwaymayo@atu.ie

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.

Entrepreneurship

Programme Description

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.

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 facilitates 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. This programme affords students greater flexibility and control over their own development requirements. Much of Year 4 will be delivered off-campus with a number of Year 4 innovative modules planned for online delivery.

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

- 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

*Mandatory Modules Shown
– Electives Available
– Check Website*

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

Level 7 graduates may apply internally for Year 4 of the Level 8 programme. ATU Honours (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.



3/4 Years



60 Places



Work Placement



Standard Entry Requirements


287 (Level 8 2021)
278 (Level 7 2021)

John Byrne
Programme Chair
 john.byrne@atu.ie

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.



Jordan Keighley

BBs (Hons) in Entrepreneurship

This degree provided me with an amazing range of competencies within business, from human resources to supply chain management to information systems. The focus on project work, alongside the use of smaller classes, allowed me to really have an understanding of each concept and how it might be applied to a real business, rather than just purely learning off the theory.

Having a good knowledge of so many different business functions, alongside experience with practical application, has been a huge advantage for me as I assisted the students of the University as a Graduate Student Mentor for several months before starting my current role. Since leaving ATU Galway I am now working as an Accounts Administrator for **Smyth's Toys Superstore**, which I am really enjoying and will no doubt be invaluable experience if I decide to embark on my own business ventures in the future.

Finance and Economics Level 8

Finance Level 7

Programme Description

These degrees are 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 degree 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.

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
- Change of mind option – Students can switch to another degree (Marketing, Entrepreneurship, Accounting or General Business) up until the end of second year

This programme facilitates the completion of Qualified Financial Advisor and Investment Foundation exams for accreditation.

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 - Corporate Finance
- Econometrics
- Economic Evaluation Methods
- Financial Services 2 - Investment and Planning
- Ireland in the Global Economy
- Ethics and Corporate Governance

*Mandatory Modules Shown –
Electives Available – Check Website*

Career Opportunities

Graduates with Finance, Economics and Big Data skills are in high demand here in Ireland and overseas.

Graduates develop rewarding careers in the private, community, voluntary and public sectors, including working in the financial services sector, contributing to guiding an established enterprise, working in an executive position in business or industry and working in traditional business roles.

Further Study Options

Upon successfully completing Year 3, Level 7 students can graduate with a BBs in Finance or apply internally for Year 4 Level 8 to graduate with a BBs (Hons) in Finance and Economics. ATU Honours (Level 8) qualifications are recognised worldwide for postgraduate entry.

This degree was designed around the following professional qualifications:

- Level 7 Qualified Financial Advisor (QFA) accredited by the Institute of Banking



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



318 (Level 8 2021)
318 (Level 7 2021)



Marie Finnegan
Programme Chair
marie.finnegan@atu.ie

- Level 7 CFA Institute Investment Foundations Program run by the CFA (Chartered Financial Analyst) Institute

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

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.

Quick Fact

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

Marketing and Sales

Programme Description

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 prepares 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.

Special Features

Designed in collaboration with business and industry, this degree will develop students' creativity through practical project work, group work and continuous assessment and numerous other skills leading to an exciting marketing or management career. This programme is 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 organizations, 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.

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
- Advanced Management Statistics for Business
- Applied Macroeconomics
- Organisational Behaviour
- Human Resource Development

Year 3

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

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

Mandatory Modules Shown

- Electives Available
- Check Website

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.

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.



3/4 Years



60 Places



Work Placement



Standard Entry Requirements



Erasmus+


300 (Level 8 2021)
278 (Level 7 2021)

Lorna Moynihan
 Programme Chair
 lorna.moynihan@atu.ie

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.



Maya Joseph

BA (Hons) in Gastronomy Science
and Food Innovation

My name is Maya Joseph and I came to Ireland from the sunny Island of Barbados. I'm currently studying the BA (Hons) in Gastronomy Science and Food Innovation. What I enjoy most about the course is the variety of modules that we get to take. They have really broadened my career options and prepared me for so many different areas of the food industry. I also love the small class size; it allows us to communicate directly with our lecturers.

Student life is really relaxed here at ATU Galway. Because of the smaller campus size, students get an opportunity to engage directly with the supports available and be a part of some great clubs and societies on campus.

Gastronomy Science and Food Innovation

Programme Description

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.

New Culinary and Food Business Management Programmes to be announced in January 2023, see www.atu.ie for more details.

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

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

- 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

Mandatory Modules Shown
– Electives Available
– Check Website

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 post-graduate research.

Further Study Options

Students who successfully complete Year 3 will graduate with a Level 7 programme, Bachelor of Arts in Gastronomy Science and Food Innovation. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in Gastronomy Science and Food Innovation.



3/4 Years



64 Places



Work Placement



Standard Entry Requirements



Erasmus+


235 (Level 8 2021)
160 (Level 7 2021)


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

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. Students will engage in a variety of field trips, both at home and abroad.

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.

Common Entry

A common entry route will be available in 2023/24. See atu.ie for details programmes.

Culinary Arts-Professional Chef Programme

Programme Description

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.



2 Years



32 Places



Work Placement



Standard Entry Requirements



Erasmus+



181 (Level 6 2021)



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

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)

*Mandatory Modules Shown
– Electives Available – Check Website*

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. The integrated work placement in Year 1 enables 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.

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.

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. Students will engage in a variety of field trips, both at home and abroad.

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.

New Culinary and Food Business Management Programmes to be announced in January 2023, see www.atu.ie for more details.

Common Entry

A common entry route will be available in 2023/24. See atu.ie for details

International Tourism Management

Programme Description

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.

Career Opportunities

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

Many graduates also set up and run their own successful tourism businesses as the course provides a foundation for the development of entrepreneurial activities.

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 and 8)

- 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

*Mandatory Modules Shown –
Electives Available – Check Website*



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+



252 (Level 8 2021)
180 (Level 7 2021)



Galway International
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gihs.galwaymayo@atu.ie

Further Study Options

Students who successfully complete Year 3 will graduate with a Level 7 Bachelor of Business in International Travel and 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 Travel and 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. 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 of the Level 6, 7 and 8 programmes.



Tourism Operations

Programme Description

The travel and tourism industry is an exciting and varied industry with many opportunities - both home and abroad. This award 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.

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

Mandatory Modules Shown

- Electives Available
- Check Website

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 Travel and Tourism Operations. They can then apply internally for Year 3 of the Level 7 Bachelor of Business in International Travel and Tourism Management. After which, successful students can apply for Year 4 of the Level 8 to gain a Bachelor of Business (Honours) in International Travel and 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.



2 Years



25 Places



Work Placement



Standard Entry Requirements



Erasmus+



171 (Level 6 2021)



Galway International
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gihs.galwaymayo@atu.ie

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. See the website for full details.

Professional Accreditation

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



Event Management with Public Relations

Programme Description

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.

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.

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 and 8)

- 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

Mandatory Modules Shown
– Electives Available
– Check Website



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+


230 (Level 8 2021)
216 (Level 7 2021)

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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 and events, 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 International Travel and 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. See the website for full details.

Event Operations with Public Relations

Programme Description

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.



2 Years



25 Places



Work Placement



Standard Entry Requirements



Erasmus+



NEW Programme



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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)

Mandatory Modules Shown
– Electives Available – Check Website

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 and events, 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.

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 Travel and 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. See the website for full details.

Heritage

Programme Description

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.

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.

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 and 8)

- 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

*Mandatory Modules Shown
– Electives Available
– Check Website*

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, 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. They can then apply internally for Year 4 of the Level 8 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 Arts (Honours) in Heritage. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+

252 (Level 8 2021)
174 (Level 7 2021)

Joint Programme Chairs:
Dr Mark Mc Carthy
mark.mccarthy@atu.ie
John Tunney
john.tunney@atu.ie

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.



Heritage

Programme Description

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.



2 Years



25 Places



Standard Entry Requirements



Erasmus+



252 (Level 6 2021)



Joint Programme Chairs:
Dr Mark Mc Carthy
mark.mccarthy@atu.ie

John Tunney
john.tunney@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.

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.

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

Mandatory Modules Shown
– Electives Available
– Check Website

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.



International Hotel and Hospitality Management

Programme Description

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.



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+

218 (Level 8 2021)
163 (Level 7 2021)Galway International
Hotel
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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.
- International Study Tour Destinations (Year 4) vary each year and have included Lisbon, Rome, Switzerland, and Berlin.

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.

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.

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 Travel and 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. See the website for full details.

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 and 8)

- 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

*Mandatory Modules Shown
– Electives Available
– Check Website*

Hotel and Hospitality Operations

Programme Description

This programme provides an excellent introduction to the world Hospitality and Hotel Operations. The 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.

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 (continuing or progressing into year 3)

Mandatory Modules Shown
– Electives Available
– Check Website

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



2 Years



25 Places



Work Placement



Standard Entry Requirements



Erasmus+



162 (Level 6 2021)



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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. See the website for full details.



Timea Jurčova

BA (Hons) in Heritage

My name is Timea Jurčova from Slovakia. I moved to Galway in September to start my studies as a student of ATU Galway City studying Heritage.

What attracted me to the degree was the variety of modules we get to explore. I'm really enjoying studying Ireland's linguistic tradition at the moment as well as Irish and European History. A key component of the programme is going on field trips, which are informative and help to place our studies in context. Student life at ATU Galway is enjoyable and have found joining the many clubs and societies is a great way to make new friends. Next year I look forward to studying Archaeology as part of my degree.

Architectural Technology

Programme Description

An architectural technologist is a highly skilled technical design professional. This Royal Institute of the Architects of Ireland 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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements


273 (Level 8 2021)
260 (Level 7 2021)

Emer Maughan
Programme Chair
 emer.maughan@atu.ie

What will I study?

Year 1:

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

Year 2

- Detail and Design Studio
- Architectural Technologies and Services
- CAD2 / Building Information Modelling (BIM)
- Conservation and History of Architecture
- Building Surveying
- Structural Element Design
- Architectural Graphics and Communication

Year 3

- Detail and Design Studio
- Advanced Architectural Technology
- BIM/CAD3
- Environmental Building Systems
- Professional Practice and Law
- Placement (Semester 6)

Year 4 (Level 8)

- Detail and Design Studio
- Innovative Architectural Technologies
- Professional Practice – Contract and Procurement
- BIM 4 Architecture
- Technical Design Report

Additional elective modules may be available.

Quick Fact

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

Career Opportunities

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

Further Study Options

Graduates are in high demand in the Architectural Technology profession in Ireland and worldwide. The professional body accreditation of the Royal Institute of the Architects of Ireland (RIAI) and the Chartered Institute of Architectural Technologists (CIAT) provides worldwide professional recognition.

Professional Accreditation





Joyce De Britto

BSc in Architectural Technology

I'm Joyce De Britto from Brazil and I'm studying Architectural Technology. This degree is different from many other architecture courses I had researched, with its mix between Civil Engineering and Architecture.

My favourite modules so far have been the History of Architecture and CAD/BIM. ATU Galway has an amazing welcoming atmosphere and Galway City is such fun place to be a student in. It really feels like my home away from home.

Civil Engineering

Programme Description

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.

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 Associate 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
- 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
- Structural Design and Detailing
- Infrastructural Engineering
- Water Analysis and Protection
- Civil Engineering Measurement and Procurement
- CAD/BIM

Year 3

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

Year 4

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

Additional elective modules may be available.



3/4 Years



48 Places



Work Placement



Standard Entry Requirements **plus**
• O4/H7 Maths



377 (Level 8 2021)
304 (Level 7 2021)



Dr Wayne Gibbons
Programme Chair
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.



Construction Management

Programme Description

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. The 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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4

- Digital Systems
- Sustainability and Circular Economy in the Built Environment
- Construction Law and Industrial Relations
- Financial Evaluation
- Development Evaluation
- Building Economics
- Project Management
- Dissertation

Additional elective modules may be available.

Did You Know?

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

Career Opportunities

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

Further Study Options

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



3/4 years



60 Places



Work Placement



Standard Entry Requirements



302 (Level 8 2021)
246 (Level 7 2021)



John Hanahoe
Programme Chair
john.hanahoe@atu.ie

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.



Quantity Surveying and Construction Economics

Programme Description

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.

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 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.

What will I study?

Year 1

- Quantity Surveying Practice and Procedures
- Building Measurement
- Construction Technology
- Building Services
- Building Information Modelling for Surveyors
- 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
- Building Services
- Health Safety and Site Management
- Project/QS Computer Applications
- Cost Studies
- Building Information Modelling for Surveyors

Year 3

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

Year 4

- Cost Management of Building Services
- Capital Works Management Framework
- Construction Project Management
- Sustainability and the Circular Economy
- Dissertation

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

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 and valuable specialisations, giving its graduates a clear edge in the employment market.



3/4 Years



60 Places



Work Placement



Standard Entry Requirements



304 (Level 8 2021)
234 (Level 7 2021)



Lisa Dooley
Programme Chair
lisa.dooley@atu.ie

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).





Andy Naessens

BSc (Hons) in Quantity Surveying and
Construction Economics

I'm Andy Neassens from Ballinasloe and I'm studying Quantity Surveying and Construction Economics. I really enjoy the Cost Management and BIM modules of the course; changing how construction projects are being managed and delivered.

The smaller class sizes allow for better communication with lecturers creating an encouraging atmosphere for students. In my second year, I have enjoyed learning how to present, use Excel more proficiently and so much more about the professional side of Quantity Surveying. I chose Galway because it's an such an easy city to get around with a great variety of entertainment and food options on our doorstep. Student life here is second to none.

Software and Electronic Engineering

Programme Description

Students learn about the Internet of Things, mobile technologies, artificial intelligence, computer vision, virtual reality, digital systems, microprocessor systems and autonomous vehicles. 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.

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 of Things, medical technology, autonomous cars, and telecommunications. Engineers work in many roles including product design, technical support, research, sales, and management. Our graduates work in companies such as Cisco, Intel, Ericsson, HP, Analog Devices, SAP, Avaya, Genesys, Valeo, Jaguar Land Rover, Boston Scientific, Medtronic, Merit Medical and Thermo King. The engineer is an entrepreneur, who knows where your degree will take you?

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4 (Level 8)

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



3/4 Years



80 Places



Work Placement



Standard Entry Requirements **plus**

- O4/H7 Math



300 (Level 8 2021)
225 (Level 7 2021)



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

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.

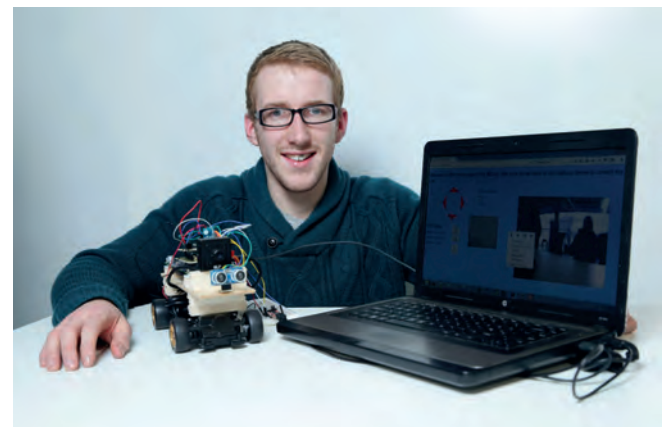
Professional Accreditation

This degree is accredited by Engineers Ireland at Associate Level.



Did You Know?

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



Engineering

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

Programme Description

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.



1 Year +



60 Places



Work Placement



Standard Entry Requirements

Note: Special Regulations may apply to progression to specific disciplines from Year 2



413 (Level 8 2021)
304 (Level 7 2021)



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

What will I study?

Year 1

- Manufacturing Engineering 1
- Computer-Aided Design 1
- Electrical Science
- Academic and Professional Skills
- Engineering in Business
- Mathematics 1
- Engineering Sciences

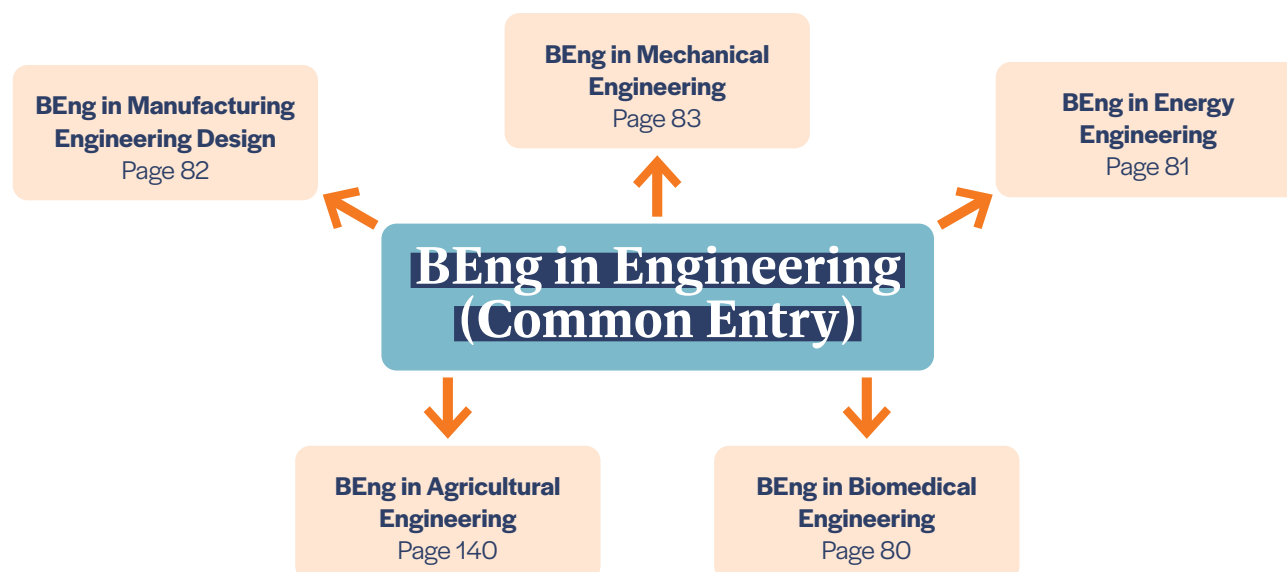
Additional elective modules are available

Common Entry

The departmental common entry route is designed to help students make an informed decision, in 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.



Biomedical Engineering

Programme Description

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.

This degree is 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.

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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

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

Mandatory Modules Shown
– Electives Available
– Check Website

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

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 has strong research connections with many local industries, and graduates may have an opportunity to register on funded MSc, MEng or PhD research programmes specifically in the areas of biomedical engineering.



3/4 Years



40 Places



Work Placement



Standard Entry Requirements **plus**

- O4/H7 Math



331 (Level 8 2021)
308 (Level 7 2021)



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

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



Energy Engineering

Programme Description

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.

Special Features

The programme is very practical, and students will have access to energy-dedicated teaching and research laboratories, and features weekly laboratory classes, individual and group projects and work placement experience.

The programme is focused on conventional and renewable energy technologies installation and integration, building energy 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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

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.

Career Opportunities

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

Further Study Options

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

Furthermore, the Department of Mechanical and Industrial Engineering, have strong research connections with many local industries, and graduates may have an opportunity to register on funded MSc, MEng or PhD research programmes specifically in the areas of biomedical engineering and energy engineering.



3/4 Years



30 Places



Work Placement



Standard Entry Requirements **plus**

- O4/H7 in Maths



312 (Level 8 2021)
279 (Level 7 2021)



Dr Laurentiu Dimache
Programme Chair
laurentiu.dimache@atu.ie

Did You Know ?

Energy engineers are needed to address the most challenging issue of our time, namely, how to produce energy sustainably and to deliver this to an ever-growing population to prevent climate breakdown and biodiversity collapse.

By 2050 the world population is expected to reach 10 billion and by this time the EU hope to achieve net zero carbon greenhouse gas emissions. During the 2020 – 2040 period the worldwide energy demand is forecast to increase by 19%; therefore, there will be radical changes to the energy mix to meet legally binding agreements to reduce greenhouse gas emissions, for example by 55% 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



Manufacturing Engineering Design

Programme Description

These degrees will 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.

Special Features

The programme is 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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4 (Level 8)

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

Additional elective modules may be available.

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.

Furthermore, the Department of Mechanical and Industrial Engineering, have strong research connections with local industries, and some graduates may have an opportunity to register on funded MSc, MEng or PhD research 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 Engineering Common Entry route AU649 Level 8 or AU549 Level 7



3/4 years



20 Places



Work Placement



Standard Entry Requirements



336 (Level 8 2021)
308 (Level 7 2021)



Mr. Padraig Audley
Programme Chair
padraig.audley@atu.ie

Career Opportunities

Graduates from the BEng in Manufacturing Engineering Design degree will have the skills and 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.

Professional Accreditation

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



Mechanical Engineering

Programme Description

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.

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.

What will I study?

Year 1

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

Year 2

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

Year 3

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



3/4 Years



40 Places



Work Placement



Standard Entry Requirements **plus**
▪ O4/H7 in Maths



400 (Level 8 2021)
294 (Level 7 2021)



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

Common Entry

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

Did You Know?

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.

Furthermore, the Department of Mechanical and Industrial Engineering, have strong research connections with local industries, and some graduates may have an opportunity to register on funded MSc, MEng or PhD research programmes.

Professional Accreditation

The programme is accredited by Engineers Ireland at Associate Level



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.



Anna Sexton Torres

BEng (Hons) in Biomedical Engineering

My name is Anna Sexton Torres and I am a first year Biomedical Engineering Student in ATU Galway. Studying Biomedical Engineering really allows you to explore your creative side with science, especially in terms of biology and physics. Biomedical engineering allows you to tap into medicine without dealing directly with patients day to day but can help improve patients health and lifestyles by creating machines and devices. This career is very innovative and challenging at the same time.

ATU Galway provides you with a warm welcome into the campus, there are plenty of fun societies to join to keep yourself fit and entertained. There are also workshops every week that offer students' academic and mental health support. Galway is a great place to study and live in.

Science (Undenominated)

Programme Description

These undenominated science degrees give students an exceptional level of flexibility. The 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 give students who know 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).

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.

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 course is a one-year programme that, upon successful completion, allows progression into Year 2 of five separate programmes in Science.

These programmes are:

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



1 Year +



32 Places



Standard Entry Requirements



445 (Level 8 2021)
302 (Level 7 2021)



Dr Ian O'Connor
Head of Department
of Natural Resources
and the Environment
ian.oconnor@atu.ie

Common Entry

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

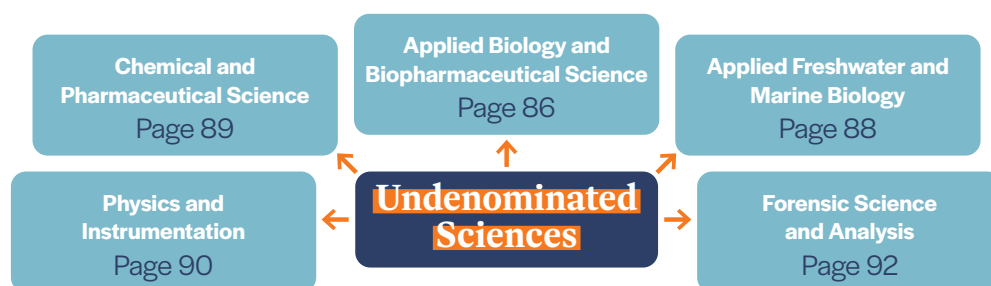
At the end of year one, you have a choice of the following programmes (subject to availability of places): Physics and Instrumentation, Chemical and Pharmaceutical Science, Applied Biology and Biopharmaceutical Science, Applied Freshwater and Marine Biology, Forensic Science and Analysis.

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.

Did You Know?

Our science programmes prioritise practicals, projects and placements. Students are given guidance and advice during the year, and also get to choose from elective science subjects in year one before selecting a specialised degree area at the end of that Year 1.



Applied Biology and Biopharmaceutical Science

Programme Description

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.

Career Opportunities

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

Further Study Options

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

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.



3/4 years



64 Places



Work Placement



Standard Entry Requirements


381 (Level 8 2021)
302 (Level 7 2021)

Dr Mary McMahon
 Programme Chair
mary.mcmahon@atu.ie

What will I study?

Year 1

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

Year 2

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

Year 3:

- Spectrophotometric Methods of Analysis
- Applied Enzymology and Immunology
- Microbiological Quality Control
- Quality Management

- Advanced Molecular and Biochemical Techniques
- Pharmaceuticals
- Chromatography
- Pharmaceutical Microbiology
- Scientific and Professional Communication
- Introduction to Pharmacology and Drug Delivery Systems 100
- Research Project

Year 4 (Level 8)

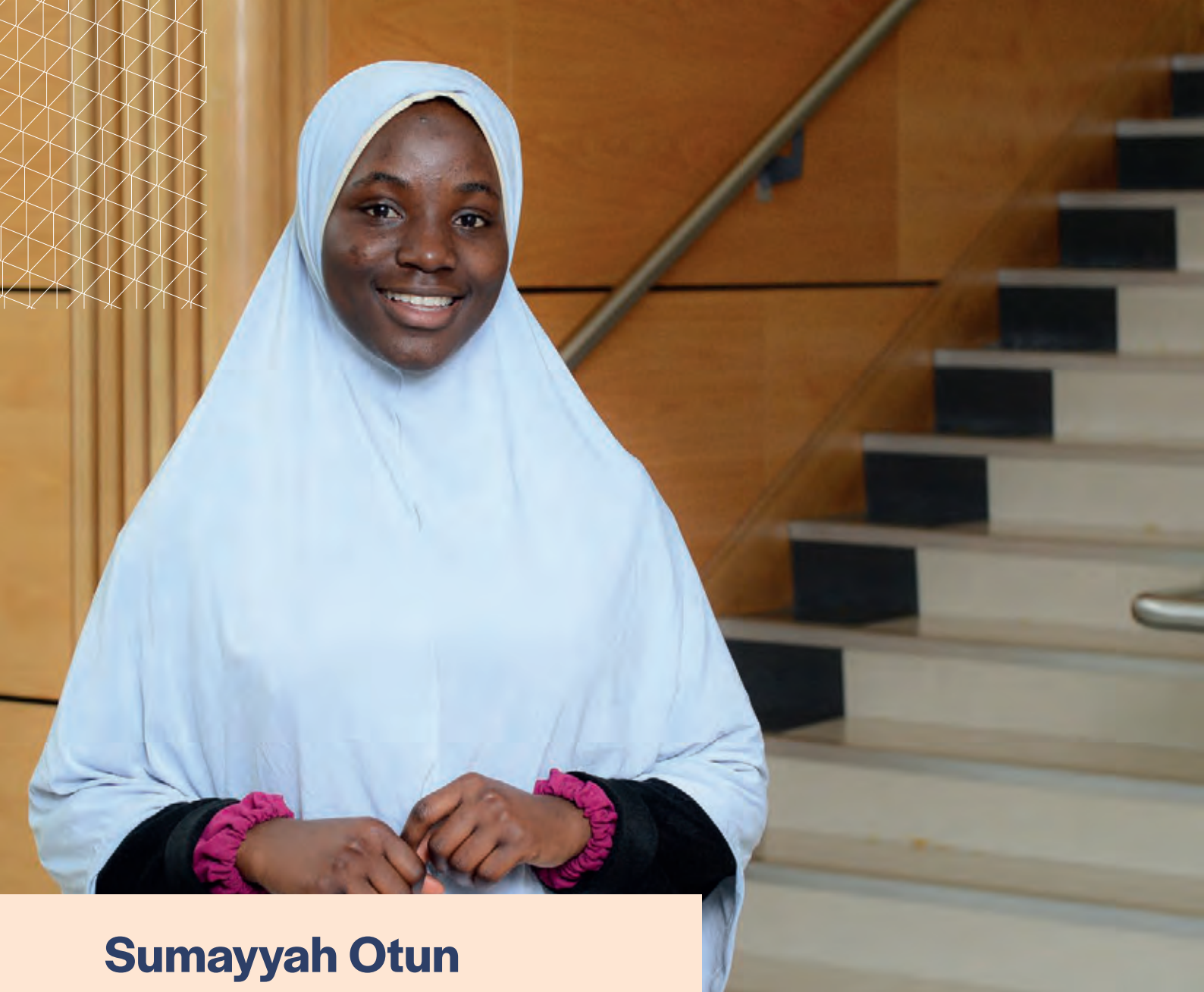
- Biopharmaceutical Science
- Molecular Pharmacology
- Regulatory Compliance for Biotherapeutics
- Statistical Methods for Manufacturing
- Bioprocessing Technology
- Biopharmaceutical Analysis
- Advanced Pharmaceutical and Healthcare Microbiology
- Advanced Immunology, Biotherapeutics and Vaccines
- Molecular Biology
- Research Project

Additional elective modules may be available.

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.





Sumayyah Otun

BSc (Hons) in Applied Biology and
Biopharmaceutical Science

I'm originally from Nigeria and am really enjoying both my course and student life here at ATU Galway City. I'm finding that studying Applied Biology and Biopharmaceutical Science gives a great foundation for a career requiring a scientific background.

The course is flexible and allows you to try a whole range of science subjects. It equips you with all the necessary skills needed in a laboratory. The lab sessions are interesting, and I enjoy researching and learning about new science innovations. The lecturers are fantastic and support us with our college work.

I really look forward to taking my six months work placement in my final year.

Student life in ATU is amazing! The environment is friendly and accommodating and there are lots of clubs and societies to get involved with.



Applied Freshwater and Marine Biology

Programme Description

Students will study a range of modules from Freshwater and Marine Biology at home and abroad to Environmental Management and Biodiversity and Conservation. 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.

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 these programme are equipped to play professional and managerial roles in positions related to Freshwater and Marine Biology. These include marine and freshwater researcher, environmental scientist, freshwater farm biologist, marine farm biologist, fisheries development officer, fish disease research scientist, fisheries officer, aquaculture development officer, conservation ranger, education tour guide, ornithologist, environmental analyst and marine mammal observer.

What will I study?

Year 1

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

Year 2

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

Year 3

- Ecological Techniques
- Ecology of Aquatic Environments
- Environmental Monitoring and Assessment
- Fisheries Monitoring and Assessment

- Identification Skills for Biologists
- Professional Development
- Professional Practice (Placement)
- Boat Handling and Water Safety

Year 4 (Level 8)

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

Additional elective modules may be available.



3/4 years



50 Places



Work Placement



Standard Entry Requirements



366 (Level 8 2021)
303 (Level 7 2021)



Dr Ian O'Connor
*Head of Department
of Natural Resources
and the Environment*
ian.oconnor@atu.ie

Further Study Options

Level 7 graduates may apply internally for Year 4 of the Level 8 programme.

Level 8 graduates can progress to MSc programmes within ATU, such as MSc Applied Marine Conservation, MSc Conservation Behaviour, or PhD / MSc Research at the Marine and Freshwater Research Centre in ATU Galway City. ATU Honours (Level 8) qualifications are recognised worldwide for postgraduate entry.

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.

Did You Know?

In 2023, ATU is celebrating 50 years of teaching marine and freshwater biology and ecology on its Dublin Rd Campus in Galway City.

Chemical and Pharmaceutical Science

Programme Description

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.

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 areas such as process development and operations, organic synthesis, and analysis.

Further Study Options

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

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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements


356 (Level 8 2021)
310 (Level 7 2021)

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

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 Systems
- Physical Chemistry
- Analytical Techniques
- Biological Chemistry
- Instrumentation
- Computing and Scientific Communications

Year 3

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

Year 4 (Level 8)

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

Additional elective modules may be available.

Quick Fact

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



Physics and Instrumentation

Programme Description

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.

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.

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.

What will I study?

Year 1

- Biology
- Chemistry
- Physics - Optics, Mechanics and Electromagnetism
- Mathematics
- Academic and Professional Skills

Year 2

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

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

Year 3

- Relativity and Quantum and Electromagnetism
- Advanced Electronic Instrumentation

- Robotics and Automation
- Metrology and Standards and Calibration
- Mechanics and Thermodynamics
- Computerised Instrument Systems
- Imaging for Medical and Industrial Applications
- Instrument Design Team Project
- Three to six months work placement 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.



3/4 years



32 Places



Work Placement



Standard Entry Requirements



301 (Level 8 2021)
302 (Level 7 2021)



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

Further Study

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

Did You Know?

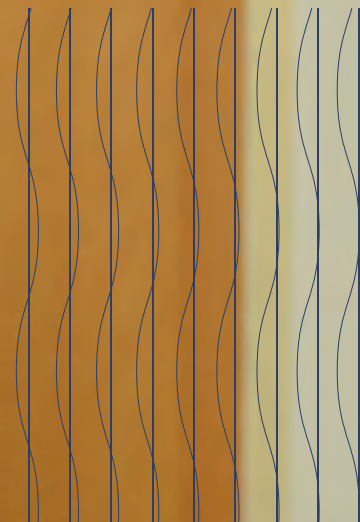
Over 90% of graduates are in full-time employment within three months of graduation. Graduates of this programme have gone on to work with NASA.

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.

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.



Shaina Fernandez

BSc (Hons) in Forensic Science
and Analysis

**I'm Shaina Fernandez and I'm originally from Dubai in the United Arab Emirates.
The programme I'm currently studying is a Level 8 in Forensic Science and Analysis.**

This degree is centred around lab work and while we're working in there we get the opportunity to perform analyses of blood splatter, drugs - and more. We also get to go out on field trips - including trips to the shooting range. I really feel like this degree has given me a great grounding in science, especially focused on chemistry and I know that I will be ready to work in the industry when I graduate.

Forensic Science and Analysis

Programme Description

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.

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

- 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.

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.

Quick Fact

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

Career Opportunities

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



4 years



32 Places



Work Placement



Standard Entry Requirements



408 (Level 8 2021)



John Keary
Programme Chair
john.keary@atu.ie

Further Study Options

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

Professional Accreditation



The
Chartered
Society of
Forensic
Sciences



Medical Science

Programme Description

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.

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.

Quick Fact

Graduates are specifically qualified to work in modern hospital laboratories and are involved in the investigation and diagnosis of medical conditions and disease.

What will I study?

Year 1

- Academic and Professional Development for Medical Science
- Professional Practice in Medical Science
- Cell Biology/Genetics 06
- 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
- Biochemistry

Year 3

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

Year 4

- Pathophysiology and Epidemiology
- Clinical Immunology
- Research Project for Medical Science

Additional elective modules are available.

Career Opportunities

This programme is one of only three of its type in the Republic of Ireland that is recognised by the Academy of Clinical Science and Laboratory Medicine as enabling graduates to practice as medical scientists in hospitals.

The programme is also accredited by the Institute of Biomedical Science (IBMS) in the United Kingdom. Thus, successful completion of the academic course and attainment of the IBMS Certificate of Competence through completion of the IBMS registration training portfolio in an approved laboratory enables the student to apply for registration as a Biomedical Scientist by the Health Professions Council (HPC) and to then work as a Biomedical Scientist in the United Kingdom.

Graduates can also develop careers in medical research and in the pharmaceutical and biomedical sectors.

Further Study Options

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



4 Years



32 Places



Work Placement



Standard Entry Requirements plus

- Health Screening
- Fitness to Practice



510 (Level 8 2021)



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

Did You Know?

Students are expected to undergo a healthcare screening process on admission to the programme. Specific vaccinations may be required prior to practice placement.

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. The policy can be found on StudentHub.ie.

Professional Accreditation



Public Health Nutrition

Programme Description

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.

What will I study?

Year 1

- Learning and Innovation Skills
- Mathematics/Statistics
- Fundamentals of Biomechanics and Anatomy
- Human Physiology in Nutrition
- Cell Biology/Genetics
- Chemistry
- Principles of Food and Nutritional Science

Year 2

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

Year 3

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

Year 4

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

Additional elective modules may be available.

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
- 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 School of Science and Computing have developed a number of taught Masters courses for Public Health Nutrition graduates.



4 years



32 Places



Work Placement



Standard Entry Requirements



368 (Level 8 2021)



Dr Lisa Ryan
Head of Department of Sport, Exercise and Nutrition
lisa.ryan@atu.ie

Quick Fact

The BSc (Hons) in Public Health Nutrition will be submitted to the Association for Nutrition (AfN) for accreditation.

Sport and Exercise Science

Programme Description

On 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.

What will I study?

Year 1

- Fundamentals of Sport and Exercise Science
- Fundamentals of Biomechanics and Anatomy
- Mathematics
- Chemistry
- Human Physiology
- Cell Biology / Genetics
- Learning Innovation Skills

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 Techniques for Sport and Exercise Science
- Sport and Exercise Prescription and Training
- Applied Sport and Exercise Nutrition

Year 4

- Sports Management
- Contemporary Issues in Sport and Exercise Science
- Applied Sport and Exercise Physiology
- Current Research in Sport, Exercise and Nutrition
- Research Project in Sport and Exercise Science
- Professional Skills Sport and Exercise Science Placement

Additional elective modules may be available.

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, 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.



4 Years



48 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



366 (Level 8 2021)



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

Further Study Options

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



Sports Coaching

Programme Description

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.

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).

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4

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

Additional elective modules may be available.

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.

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.



4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



NEW Programme



Dr Lisa Ryan
Head of Department of Sport, Exercise and Nutrition
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Dr Caoimhe Tiernan
Programme Coordinator
caoimhe.tiernan@atu.ie

Further Study Options

Students successfully completing 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.

Computing and Digital Media

Programme Description

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 applications 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.



3/4 Years



72 Places



Standard Entry Requirements


270 (Level 8 2021)
244 (Level 7 2021)

John Farrell
Programme Chair
john.farrell@atu.ie
Valerie Butler
Programme Chair
valerie.butler@atu.ie

Special Features

The programme places 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.

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.

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

- 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.



Computing in Software Development

Programme Description

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.

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

Level 7 graduates may apply internally for Year 4 of the Level 8 programme. ATU 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.



3/4 Years



96 Places



Standard Entry Requirements


310 (Level 8 2021)
280 (Level 7 2021)


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

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4 (Level 8)

- Advanced Object-Oriented Software Development
- Research Methods in Computing 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.

Did You Know?

The programme is highly practical with an emphasis on "learning by doing".





Mary McDonnell

BSc (Hons) in Computing in
Software Development

My name is Mary McDonnell from Ahascreegh in Galway and I'm studying Software Development. In this programme the lecturers teach everything from scratch, and I like that I wasn't expected to know how to do some aspects already.

It makes the material less daunting and makes for an approachable and friendly atmosphere. I also enjoy that I am being taught a wide range of skills in this field so I will have many career options when I graduate. The numbers of clubs and societies at the university is impressive, there's lots to get involved in and plenty to enjoy. I'm also a student ambassador for ATU Galway- Mayo and love getting to help at open days and exciting launch events on campus.

Animation and Game Design

Programme Description

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.



3 Years



40 Places

Standard Entry
Requirements

NEW Programme

Manus Burke
Programme Chair
manus.burke@atu.ie

What will I study?

Year 1

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

Year 2

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

Year 3

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

Career Opportunities

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

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

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

Quick Fact

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



Art

Programme Description

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.

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

- 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

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. Students learn to decode familiar and unfamiliar environments within the broader socio-cultural contexts in which art is made. Learners are encouraged to critically respond to contemporary questions about how we create sustainable visual cultures now and in the future.

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, 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).

Quick Fact

The BA (Hons) in Art promotes a student-centred approach that recognises learner experience as a firm basis for further learning and active learner engagement.

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.



3/4 Years



40 Places

Standard Entry Requirements **plus**

- Visual arts e-portfolio



Erasmus+


790* (Level 8 2021)
775* (Level 7 2021)

Katherine West
Programme Chair
 katherine.west@atu.ie



Aimee O'Brien

BA (Hons) in Art

My name is Aimee O'Brien from Clonmel, and I'm studying Art at ATU Galway City. I really enjoy the opportunity of being challenged in developing personal artwork, along with technical skills and being around creative and supportive individuals. Having access to a studio space is something I'm really grateful for and it's great to have somewhere to go and think through the creative process.

I find student life at ATU is quite a relaxed and supportive environment. The creative campus has a nice community aspect, which is inclusive and fun to be part of.

Film and Documentary

Programme Description

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.



3 Years



48 Places

Standard Entry
Requirements

301 (Level 8 2021)



Felim MacDermott
Programme Chair
felim.macdermott@atu.ie

What will I study?

Year 1

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

Year 2

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

Year 3

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

Special Features

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

Career Opportunities

Graduates will be equipped with a set of specialist skills, which will strongly position them to enter the competitive world of film and documentary, both nationally and internationally.

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.

Did You Know?

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.



Creative Media and Storytelling

Programme Description

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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

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.

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. These skills will help develop the multi-skilled graduate of the digital age.

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.



3 Years



24 Places



Standard Entry Requirements



NEW Programme



Jim Vaughan
Programme Chair
jim.vaughan@atu.ie

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

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.

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.

Art and Design & Communication Graphics

Programme Description

This 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.

What will I study?

Year 1

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

Year 2

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

Year 3

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

Year 4

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

Special Features

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

Career Opportunities

Graduates of this 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.



4 Years



20 Places



Work Placement

Standard Entry Requirements **plus**

- H5 in Art or DCG
- Garda Vetting

**406** (Level 8 2021)

John Langan
Programme Chair
john.langan@atu.ie

Professional Accreditation





Tara Poole

BEd (Hons) in Art and Design &
Communication Graphics

I have really enjoyed my first year of this course. All the modules and projects are focused on developing students' abilities in terms of creativity, design, teaching, and digital literacy, which was really interesting and very relevant to my future career as a teacher of Art and DCG.

Each module is led by a subject expert in the field, with ample experience and knowledge to share.

Design (Common Entry)

Programme Description

The Design (Common Entry) course 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; 'Product Design', 'Graphic Design & Illustration', 'Interior Design', and 'Textile & Fashion Design'. 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.

What will I study?

Year 1 (Common Entry)

- 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

Special Features

Students will develop real-world design skills through links created with industry, in the form of live projects and placement. In Year 1, the programme begins with an introduction to core design principles and an exploration of each discipline, after which you focus on your preferred creative pathway from Graphic Design and Illustration; Interior Design; Product Design; Textile and Fashion Design.

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

Students progress from Year 1 common entry into Year 2 of the Degree pathway in either Product Design, Graphic Design and Illustration, Interior Design, or Textile and Fashion Design. Level 7 graduates of one of these programmes may apply internally for Year 4 of the Level 8 programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



1Year +



80 Places



Work Placement



Standard Entry Requirements



Erasmus+


331 (Level 8 2021)
271 (Level 7 2021)

Kieran Egan
Programme Chair
 kieran.egan@atu.ie

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.

Common Entry

In Year 1 the programme begins with an introduction to core design principles and an exploration of each discipline. For Year 2 students choose their creative pathway and continue their degree in Graphic Design and Illustration, Interior Design, Product Design or Textiles and Fashion.

Product Design

Programme Description

Students join this programme by applying to the Design (Common Entry) course, AU619 for Level 8 or AU519 for Level 7. After Year 1 students can join this course in Year 2. Product Design is a 2 or 3-year course that follows the first-year in the common entry course.

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.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+


331 (Level 8 2021)
271 (Level 7 2021)

Kieran Egan
Programme Chair
 kieran.egan@atu.ie

What will I study?

Year 1 (Common Entry)

- 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

Career Opportunities

Product Designers can go on to specialise in areas such as product 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 theatre film and TV design, 3D computer design, graphic design or interior design.

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.

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.

Common Entry

To apply for this degree, choose AU619 for Level 8 or AU519 for Level 7 and select this pathway from the Design (Common Entry) programme at the end of Year 1.

Interior Design

Programme Description

Students join this programme by applying to the Design (Common Entry) course, AU619 for Level 8 or AU519 for Level 7. After Year 1 students can join this course in Year 2. Interior Design is a 2 or 3-year course that follows the first-year in the common entry course.

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.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+


331 (Level 8 2021)
271 (Level 7 2021)

Kieran Egan
Programme Chair
 kieran.egan@atu.ie

What will I study?

Year 1 (Common Entry)

- 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)

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

Level 7 students may apply internally for Year 4 of the Level 8 programme. 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.

Common Entry

To apply for this degree, choose AU619 for Level 8 or AU519 for Level 7 and select this pathway from the Design (Common Entry) programme at the end of Year 1.

Graphic Design and Illustration

Programme Description

Students join this programme by applying to the Design (Common Entry) course, AU619 for Level 8 or AU519 for Level 7. After Year 1 students can join this course in Year 2. Graphic Design and Illustration is a 2 or 3-year course that follows the first-year in the common entry course.

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.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+


331 (Level 8 2021)
271 (Level 7 2021)

Kieran Egan
Programme Chair
 kieran.egan@atu.ie

What will I study?

Year 1 (Common Entry)

- 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

Career Opportunities

Graphic Designers and Illustrators can also go on to specialise in areas such as user experience design, design for static, motion, products graphic or design for TV and Film. Graduate careers include working as a stationary designer or art director and many more.

Further Study Options

Level 7 students may apply internally for Year 4 of the Level 8 programme. 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.

Common Entry

To apply for this degree, choose AU619 for Level 8 or AU519 for Level 7 and select this pathway from the Design (Common Entry) programme at the end of Year 1.

Textile and Fashion Design

Programme Description

Students join this programme by applying to the Design (Common Entry) course, AU619 for Level 8 or AU519 for Level 7. After Year 1 students can join this course in Year 2. Textile and Fashion Design is a 2 or 3-year course that follows the first-year in the common entry course.

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.

What will I study?

Year 1 (Common Entry)

- 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

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

Year 4 (Level 8)

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

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

Level 7 students may apply internally for Year 4 of the Level 8 programme. 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.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+


331 (Level 8 2021)
271 (Level 7 2021)

Kieran Egan
Programme Chair
 kieran.egan@atu.ie

Common Entry

To apply for this degree, choose AU619 for Level 8 or AU519 for Level 7 and select this pathway from the Design (Common Entry) programme at the end of Year 1.



Mckella Daly

BA (Hons) in Design

I chose to study at ATU Galway for its amazing facilities and its unique selection of courses. As a student of the BA in Design, I specialised in Industrial Design. The BA in Design was the perfect mix of lectures and workshops.

Throughout the Industrial Design course, I was constantly encouraged by my lecturers to learn different skills and explore new ideas. At ATU Galway, Design students are challenged to question norms, ask why and create innovative solutions that positively affect the end user's experience.

There is a great variety of modules where we learned about sketching, product photography, computer aided design and product design processes. The course also puts a large emphasis on human-centred design, which has been a huge advantage for me in the working environment. I have also had opportunities such as winning the A'Design Award and European Product Design Award for my final year project.





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, national skills, 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 are given the opportunity to undertake work placement as part of their programme, including overseas placement opportunities. Through placements, students broaden their understanding of enterprise operations and widen their professional network. School placements 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 Listing

Page	Programme
115	Furniture Design, Making and Technology - Common Entry with Degree options in: - Furniture Design and Manufacture - Furniture Making and Architectural Woodworking
116	Furniture Design and Manufacture
117	Furniture Making and Architectural Woodworking
119	Education (Design, Graphics and Construction)

Furniture Design, Making and Technology (Common Entry)

Programme Description

This programme is 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.

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

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.

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.



1 Year +



40 Places



Work Placement



Standard Entry Requirements



Erasmus+



467 (Level 8 2021)
422 (Level 7 2021)



Dr Kate Dunne
Programme Chair
kate.dunne@atu.ie

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.

Furniture Design and Manufacture

Programme Description

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.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements


346 (Level 8 2021)
302 (Level 7 2021)

Jeremy Madden
Programme Chair
jeremy.madden@atu.ie

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

Special Features

Students take part in a year-long industry placement in Year 3 of this programme.

Career Opportunities

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

Further Study Options

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

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.



Furniture Making and Architectural Woodworking

Programme Description

This degree is for students who enjoys woodworking and wishes 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.

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

Special Features

Students take part in a year-long industry placement in Year 3 of this programme.

Career Opportunities

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

Further Study Options

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



3/4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+


360 (Level 8 2021)
369 (Level 7 2021)

Seán Garvey
Programme Chair
 sean.garvey@atu.ie

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

I really enjoyed my time studying in ATU Connemara. I initially visited the campus in Letterfrack on the Easter open day of my Leaving Cert year. I found it helpful and as soon as I set foot on it, I knew this was the place for me.

In first year, the lecturers were great and eased us in to the course. We had lots of practical classes and covered all the basics of hand tool woodworking as well as machinery basics. I lived in nearby student accommodation in first year and found it a great way to make friends along with joining the football team. I also enjoyed getting involved in a five-a-side at the Astro turf pitch near the campus with friends when taking a break from assignments. In third year, I did my work placement at Joseph Walsh Studio in Cork. This was an amazing experience assisting the makers in the workshop and with the 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 feel very privileged to have received the James & Mary Ellis Award for Excellence in Making at the end of my final year based off a chair I had made along with commitment and character as a student in ATU Connemara.

Education (Design, Graphics and Construction)

Programme Description

This programme enables graduates to teach both Construction Studies and Design & Communication Graphics (DCG) in Irish post-primary schools. Students will develop their hands-on and creative skills and adopt emerging digital technologies to enable them to master the subjects of Construction Studies and DCG. 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.

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

- School Placement 4 (1 Semester)
- Advanced Graphics
- Professional Studies
- Building Services and Technology
- 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 Construction Studies and DCG allow students to express themselves in a creative way and the teacher plays an important role in nurturing this creativity. Through our expert staff and small class groups, the programme will provide all the structures, resources and techniques for graduates to become experts in these subjects. 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 such as construction techniques, woodworking, 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.



4 Years



40 Places



Work Placement

Standard Entry Requirements **plus**

- H5 in Construction Studies or DCG
- Garda Vetting

**410** (Level 8 2021)

Kevin Maye
Programme Chair
kevin.maye@atu.ie

Did You Know?

Year 1 and 2 are delivered at ATU Connemara in Letterfrack and Year 3 and 4 are delivered at ATU Galway City.

First-year students must purchase tools, safety and design kits upon registering for this course which is sourced and specified by ATU (contact Administration for more details).


Professional Accreditation



A portrait of a young man with short reddish-brown hair and a light beard, wearing a green ribbed sweater. He is standing in front of a wall made of oriented strand board (OSB). In the top right corner, there is a decorative graphic of a grid of thin blue lines forming a diamond pattern.

Dearcán O Donnghaile

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

A decorative graphic on the left side of the page, consisting of a series of thin blue lines forming a geometric pattern of triangles and squares.

I have always loved making, mending and fixing things. Since I was very young, I have wanted to be involved in construction in one way or another.

I always excelled at the practical subjects in school and although I was also strong at the academic subjects, they never appealed to me as much. Having completed my teaching degree (Design, Graphics and Construction) in ATU Connemara at both the Letterfrack and Wellpark campuses, I have had many opportunities while on school placements to interact with and cater for students from all walks of life. I believe that my own experience and understanding of the hands-on practical learner has afforded me the insight to create a relaxed and student-centred environment for all students, especially those who may not excel at the academic subjects but are very talented in other areas. I believe the personal element of small class sizes at ATU has allowed me to develop an appreciation of good teacher- student relationships, as well as making strong friendships that would not be possible otherwise.



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.

NEW CAO Programmes 2023 at ATU Mayo

CAO Code	Programme Title	Level
AU697 / AU594	BA (Hons) / BA Community Development and Youth Work	8 & 7

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.

Programme Listing

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Applied Social Care

Programme Description

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 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 dialogue and lived experience. We have a dedicated full-time placement coordinator who works closely with students to ensure the best possible placement experience.

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.

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

Year 2

- Professional Practice 1 (12-Week Block)
- Social Care Theory and Practice
- Applied Social Theory
- Advocacy in Social Care
- Introduction to Health Promotion
- Philosophy of the Self

Year 3

- Professional Practice 2 (14-Week Block)
- Preparation for Social Care Practice
- Pedagogical Practice and Social Care
- Regulatory Framework
- Developmental Psychology
- Social Research and Evaluation Methods
- Professional Practice and Communication Skills 2 in Applied Social Care

Year 4 (Level 8)

- Social Theory
- Ethics for Social Care
- Relationships in Social Care
- Health Promotion: Theory and Principles
- Human Rights
- Child Care
- Contemporary Issues in Mental Health Recovery
- Addiction and Care
- Arts-Based Community Development

Mandatory Modules Shown
– Electives Available
– Check Website



3/4 Years



60 Places



Work Placement

Standard Entry Requirements **plus**

- Garda Vetting


265 (Level 8 2021)
241 (Level 7 2021)

Dr Mark Garavan
Programme Chair
 mark.garavan@atu.ie

Career Opportunities

The career opportunities for the Social Care Worker are varied. Students may pursue postgraduate studies in social care and social work and/or 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, 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 and many other allied disciplines.

Did You Know?

Social Care Work is now regulated by CORU under the Health and Social Care Professionals Act 2005. Students who wish to use the professional title of 'Social Care Worker' must register with CORU after completing their studies.

Community Development and Youth Work

Programme Description

These degrees encourage learners to engage in dialogue, lectures, group work, online learning, case studies and complete practice placements. Through these interactions, learners develop skills, knowledge and practice to work in community development and youth work. The graduate as a critical thinker may work with different groups to promote social inclusion and transformation.

Special Features

The only full-time degree of this type available in the West of Ireland to be professionally endorsed by both The North-South Education and Training Standards Committee for Youth Work (NSETS) and All Ireland Endorsement Body for Community Work Education and Training (AIEB).

What will I study?

Year 1

- Introduction to Sociology
- Information Technology for Digital Media and Society
- Introduction to Community Development
- Preparation for Placement in Community and Youth Work
- Introduction to Psychology
- Introduction to Law
- Introduction to Youth Work
- Group Dynamics and Development
- Introduction to Social Policy
- Creativity with Communities and Young People
- Learning and Innovation

Year 2

- Youth Work: Theory, Principles and Practice
- Developmental Psychology
- Civic Engagement and Leadership
- Community Work: Theory, Principles and Process
- Legal Framework for Community Development and Youth Work
- Digital Media Skills
- Reflective Personal Development
- Practice Placement 1 in Community and Youth Work

Year 3

- Social Research
- Diversity, Anti-racism and Social Inclusion
- Youth Cultures
- Promoting Health and Well-being
- Human Rights and Equality
- Practice Placement 2 in Community and Youth Work

Year 4 (Level 8)

- Politics in Youth Work and Community Development
- Supervision and Continuous Professional Development
- Management, Strategic Planning and Evaluation
- Advocacy and Collaborative Approaches in Community Development and Youth Work
- Advanced Group Work, Conflict Resolution and Mediation
- Governance and Voluntary Organisations
- Youth Geography and Migrations
- Sustainability and Development Goal
- Online Community Engagement
- Community Work Approach to Supporting Families
- Workplace Dissertation
- Practice Placement in the Community Setting

Career Opportunities

Opportunities for graduates may include research, national and international youth organisations and services, childhood charities, school completion programmes, partnership companies, child and young people's service committees, family resource centres, education and training boards, various government departments, e.g. child and youth affairs or rural and community development amongst others.

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.



3/4 Years



30 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



Erasmus+



New Programme



Dr Sheila McArdle
Programme Chair
sheila.mcardle@atu.ie

Did You Know?

Professional Practice Placements commence in Year 1 and learners will experience both Community Development and Youth Work placements throughout the programme.

Quick Fact

Students can take part in an Erasmus+ placement in Year 3.

Professional Accreditation



General Nursing

Programme Description

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 state-of-the-art 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.

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.

What will I study?

Year 1

- The Nature of Nursing
- Fundamental Nursing Knowledge and Skills
- Self-development and Interpersonal Skills
- Applied Social Science Perspectives on the Human Person
- Biological Science for Fundamental Nursing Knowledge and Skills
- Learning and Innovation Skills
- Practice Placement 1

Year 2

- Integrated Community Care
- Sociology Applied to Nursing and Healthcare
- Nursing Research and Informatics
- Psychology and its Application to Nursing
- Biological Science for Nursing the Adult with Major Illness
- Nursing Care of the Adult with Major Illness
- Practice Placement 2

Year 3

- Acute Presentations in Nursing Practice
- Oncology, End of Life and Palliative Care
- Person-Centred Care
- Philosophy and Ethics: Theory and Application
- Legal and Accountable Nursing Practice
- Enquiry in Nursing practice
- Promoting Health
- Practice Placement 3

Year 4

- Clinical practice and Patient Safety
- Development of Management and Interpersonal Skills
- Quality and Patient Safety in Nursing
- Professional Practice in Health Care
- Change and Education in Nursing Practice
- Research Skills in Nursing practice
- Internship (36-week paid placement)

*Mandatory Modules Shown
– Electives Available
– Check Website*

Career Opportunities

Graduates will be qualified to work in many health and community settings, acute hospital settings, community care and residential settings. Students may further their studies within a specialist area.

Further Study Options
ATU Level 8 qualifications are recognised worldwide for postgraduate entry. 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.



4 Years



30 Places



Work Placement

Standard Entry Requirements **plus**

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

**440** (Level 8 2021)

Louise Conway
Programme Chair
louise.conway@atu.ie

Did You Know?

The Nursing and Midwifery Board of Ireland (NMBI) provide a lot of information for potential applicants on its website. Check out the information booklet "Nursing, A Career For You", a link is available from our programme webpage at atu.ie/AU690.

Quick Fact

We reserve up to 5% of places for QQI/FET award holders.

Professional Accreditation



Psychiatric Nursing

Programme Description

This four-year BSc (Hons) in Psychiatric Nursing 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.

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.

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

- 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

Mandatory Modules Shown

- Electives Available
- Check Website

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 post-graduate 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.



4 Years



26 Places



Work Placement

Standard Entry Requirements **plus**

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



369 (Level 8 2021)



Agnes Tully Clarke
Programme Chair
agnes.tullyclarke@atu.ie

Quick Fact

We reserve up to 5% of places for QQI/FET award holders.

Professional Accreditation



Early Childhood Education and Care

Programme Description

These degrees provide 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.

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

Following successful completion of this degree, graduates can undertake a variety of career paths in the education, health and

social care fields. Career opportunities include working as an early years practitioner, room leader or manager in an ECEC setting, working as a practitioner, team leader or manager in a social care service

Research Graduates may also work as assistant researchers with voluntary or statutory agencies or academic institutions.

Other opportunities exist within social care settings; early years specialists, voluntary or statutory agencies, Barnardos, Early Childhood Ireland, National Childhood Network, county childcare committees or the Department of Children Equality Disability Inclusion Youth or the Department of Education and Skills.

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. 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.



3/4 Years



30 Places



Work Placement

Standard Entry Requirements **plus**

- Garda Vetting
- QQI applicants with a Level 6 major award may be eligible for direct entry into Year 2.


227 (Level 8 2021)
171 (Level 7 2021)

Joanne Doherty
Programme Chair
joanne.doherty@atu.ie

Quick Fact

In March 2021, this degree was 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.

*Applicants who hold a QQI Level 6 major award may be eligible for consideration to enter directly into the second year of the ECEC programme on the Mayo or Galway City campus. Applications for direct entry to the second year are by direct application. See the website for more information.

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).

What will I study?

Year 1

- 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

Year 3 (Level 7 and 8)

- Leadership and Governance in Early Childhood Education and Care
- Trends in Early Childhood Education and Care
- Transitions in Early Childhood Education and Care
- Family-Centred Practice and Supports
- Outdoor Play
- Employment Law
- Practice Development 3 – Action Research

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

*Mandatory Modules Shown
– Electives Available – Check Website*

Early Childhood Education and Care

Programme Description

This programme provides experiences, insights and knowledge 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.

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.

What will I study?

Year 1

- 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

Career Opportunities

Following successful completion of this degree, graduates can undertake a variety of career paths in the education, health and social care fields. Career opportunities include working as an early years practitioner, room leader or manager in an ECEC setting, working as a practitioner, team leader or manager in a social care service

Research Graduates may also work as assistant researchers with voluntary or statutory agencies or academic institutions.

Other opportunities exist within social care settings; early years specialists, voluntary or statutory agencies, Barnardos, Early Childhood Ireland, National Childhood Network, county childcare committees or the Department of Children Equality Disability Inclusion Youth or the Department of Education and Skills.

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.



2 Years



30 Places



Work Placement

Standard Entry Requirements **plus**

- Garda Vetting
- QQI applicants with a Level 6 major award may be eligible for direct entry into Year 2.



170 (Level 6 2021)



Joanne Doherty
Programme Chair
joanne.doherty@atu.ie

Did You Know?

Applicants who hold a QQI Level 6 major award may be eligible for consideration to enter directly into the second year of the ECEC programme on the on the Mayo or Galway City campus. Application for direct entry to the second year are by direct application. See the website for more information.

Quick Fact

In March 2021, this degree was 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.

History and Geography Level 8

Culture and Environment Level 7

Programme Description

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.



3/4 Years



24 Places



Work Placement



Standard Entry Requirements



201 (Level 8 2021)

201 (Level 7 2021)



Dr Fiona White
Programme Chair
fiona.white@atu.ie

Special Features

Field trips are an important part of the student experience, taking learning into the landscape to reinforce classroom activities. Students will have the opportunity to visit a range of sites of historical, archaeological and geographical importance as part of their studies.

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 and 8)

- 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.

Mandatory Modules Shown
– Electives Available
– Check Website

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

Level 7 graduates may progress to the Level 8 BA (Hons) in History and Geography (add-on) at ATU Mayo. 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.

History and Geography

Programme Description

Studying History and Geography at our Mayo campus will allow students to develop professional skills valued by employers, prepare for a career in the fields of history and geography, acquire transferable skills in digital media and communications, and gain employment in the public or private sector or become self-employed.

What will I study?

Year 1

- Irish History
- Folklore, Folklife and Oral History
- Earth Science
- Society and Environment
- Learning and Innovation Skills
- PC Applications

Year 2

- Natural Environment
- Rural Development
- Introduction to Digital Media
- Work Experience
- Local History
- Genealogy
- Prehistoric Archaeology
- Medieval Archaeology

Mandatory Modules Shown

– Electives Available

– Check Website

Special Features

Students undertake field trips and practical work outside the classroom as part of their studies. Field trips may be local, national or international.

Career Opportunities

Graduates who progress to Level 7 and Level 8 will be prepared for careers including an education officer, teacher (following a Professional Masters of Education PME), environmental conservation officer, archaeologist, museum curator, library and archives assistant, rural recreation officer, green schools' officer, ecologist, tourism officer, historian or a genealogist.



2 years



25 Places



Work Placement



Standard Entry Requirements



195 (Level 6 2021)



Dr Fiona White
Programme Chair
fiona.white@atu.ie

Further Study Options

Students who successfully complete the Level 6 course will be eligible to progress to the Level 7 Bachelor of Arts in Culture and Environment and subsequently the Level 8 Bachelor of Arts (Hons) in History and Geography at ATU Mayo.



Geography and Outdoor Education

Programme Description

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 and to educate others in the wise use and sustainable outdoor recreation practice. Graduates will have the skills to 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.

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.

What will I study?

Year 1

- Adventure Activities: Personal Skills
- Earth Processes
- Geographies of Rural Development
- Communications
- Health and Fitness
- Anatomy and Physiology
- Information Technology

Year 2

- Environmental Studies
- Adventure Activities: Learning to Lead
- Society and Environment
- Leadership and Facilitation
- Safety and Legislation
- Emergency Procedures and Water Safety
- Work Experience

Year 3

- Adventure Activities: Leadership Outdoor
- Ecology
- Digital Mapping
- Sustainable Tourism
- Built Environment
- Human Activity and the Environment
- Advanced Emergency Skills
- Teaching and Outdoor Education Philosophy
- Irish Cultural Landscape
- Developmental Psychology

Year 4 (Level 8)

- Experiential Education
- Coaching and Performance Enhancement
- Expedition Planning and Facilitation
- Environmental Management and Conservation
- Geographical Information Systems
- Adventure Tourism
- Heritage Tourism
- Research Methods and Dissertation

*Mandatory Modules Shown
– Electives Available – Check Website*



4 Years



24 Places



Work Placement

Standard Entry Requirements **plus**

- Ability to swim 50m to take part in watersport activities.

**261 (Level 8 2021)**

Orla Prendergast
Programme Chair
orla.prendergast@atu.ie

Career Opportunities

Graduates can pursue careers in environmental management, nature conservation, geographical information systems, countryside recreation, trail design, rural and community development, environmental education, and eco/adventure tourism.

The therapeutic, educational, and developmental aspects of outdoor education are well recognised within many sectors in Ireland, such as schools, youth organisations and social care settings.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Graduates may progress to the Professional Master of Education to teach geography at second level. Graduates can also apply for masters courses ranging from environmental science, rural and community development, geographical information systems, sustainability, philosophy and youth work. In addition, ATU offers a MSc in Experiential Outdoor Education, Nature and Well-Being.

Did You Know?

Students 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. 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.



Verena Berard

BA (Hons) in History and Geography

My experience at ATU Mayo has been a wonderful journey of knowledge, gaining personal growth and realising opportunities.

After graduating with BA Hons degree in History and Geography I was awarded the RISE scholarship to pursue a Masters, and later a scholarship to pursue a PhD in Environmental science. My supervisors at ATU Mayo are experts in their fields of research, and I have received consistent support and encouragement.

One of the elements that I was most interested in during my undergrad, is the transdisciplinary approach to History and Geography course. This interactive (e.g. fieldtrips) and holistic course design enabled me to gain a deeper understanding of the social and cultural context to the Irish landscape, which inspired me to conduct more research in this area. I highly recommend ATU to anyone interested in broadening their knowledge and starting a journey towards exciting career opportunities.

Outdoor Education Level 8

Outdoor Education and Leisure Level 7

Programme Description

These degrees 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 practicals in Achill, Connemara, and Wild Nephin National Park.

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 programme. Building a deep connection with nature and the local landscape are key themes on the programme.

What will I study?

Year 1

- Adventure Activities Personal Skills
- Earth Processes
- Anatomy and Physiology
- 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
- Environmental Studies
- Work Experience (Semester 2- 1 month)

Year 3

- Adventure Activities Leading Outdoor
- Education and Teaching
- Outdoor Development Training
- Advanced Emergency Procedures
- Developmental Psychology
- Ecology
- Human Activity and the Environment
- Irish Cultural Landscape

Year 4 (Level 8)

- Experiential Education Expeditions
- Experiential Education Internal Processes
- Coaching and Performance in Sport
- Sociology
- Dissertation
- Environment Management and Sustainability
- Social Psychology

*Mandatory Modules Shown
– Electives Available
– Check Website*

Career Opportunities

Graduates find employment as instructors in both adventure and outdoor education centres, and other organisations offering adventure sports as part of their programmes. The Outdoor Education programmes respond to the increasing demand for professionals in forest schools, nature kindergartens, adventure and nature therapy, environmental education, eco-tourism and natural resource management.

Further Study Options

Upon successfully completing Year 3, Level 7 students can then apply internally for Year 4 Level 8 the final year of the Bachelor of Arts (Honours) in Outdoor Education. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Graduates can apply for master's programmes ranging from environmental science, counselling, rural and community development, geographical information systems, sustainability,

 **3/4 Years**
 **40 Places**
 **Work Placement**
 **Standard Entry Requirements plus**

- Ability to swim 50m to take part in watersport activities.

CAO POINTS **269 (Level 8 2021)**
166 (Level 7 2021)

 **Orla Prendergast**
Programme Chair
orla.prendergast@atu.ie

philosophy, youth work, primary school education and sports psychology. In addition, ATU offers a MSc in Experiential Outdoor Education, Nature and Well-Being.

Quick Fact

Students gain a range of National Governing Body Adventure Sports leadership qualifications.

Did You Know?

There are study abroad opportunities with Western Carolina University, USA. Students will have an opportunity to study

Parks and Recreation for a year in the heart of the Appalachian Mountains. Western Carolina is an excellent location for Whitewater kayaking and a variety of other adventure sports. We also have exchanges with the University of Galva in Sweden and with two Universities in Norway. Students study Outdoor Education and Nordic Ecology for one semester.



Caoimhe Ward

BA (Hons) in Outdoor Education

My name is Caoimhe Ward. I am from Claremorris, Co. Mayo and am a graduate of the Honours degree in Outdoor Education and Leisure programme on the ATU Mayo campus. I have always loved spending time in the outdoors, not only for recreation but also for wellness. While completing my four-year degree, I obtained many instructorships, which gained me work as an activity instructor with people of all ages and abilities.

During my time at ATU Mayo, I got to experience many adventures in the lakes, rivers, coasts and hills of Ireland and abroad - fully immersing in the local cultures and stories of the localities. The degree is not all practical; we covered a wide range of academic and development modules, which gave me the strength and belief in myself to run for the student union. I am now the Vice President for Mayo ATU SU, a role that I would never have gone for if it weren't for this course. In the future, I plan to apply for a Master of Science in Outdoor Education, Sustainability and Well-being here at ATU.



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 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 169 hectares, students benefit from practical, hands-on experience gained on our working farm. We have cow dairy herd (over 80 pedigree Holstein), dry stock (60 cow sucklers, 60-unit calf to beef enterprise, a sheep flock of 250 ewes) 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

All agricultural degrees are taught between the ATU Mountbellew campus and the ATU Galway City campus. Typically, students are based at ATU Mountbellew for the first two years and attend ATU Galway City on selected days per week. Students spend third and fourth year at ATU Galway City.

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.

Programme Listing

Page	Programme
137	Rural Enterprise and Agri-Business
139	Agriculture and Environmental Management
140	Agricultural Engineering

Rural Enterprise and Agri-Business

Programme Description

Agriculture, food production and environmental management are just a few of Ireland's key industries. Gaining 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.

Special Features

Year 1 of the programme is common with the Bachelor of Science in Agriculture and Environmental Management and is based at our ATU Mountbellew campus (four days per week) and at our Galway City campus (one day per week). 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.

What will I study?

Year 1

- Learning and Innovation Skills
- Financial and Farm Accounting
- Macroeconomics
- Animal and Crop Production Science
- Management Accounting
- Statistics for Business
- Animal and Crop Production Science
- Computer Applications
- Soil Science and Chemistry
- Plant and Animal Science

Year 2

- Business Information Systems
- Introduction to Marketing
- Farm Management, Safety and Law
- Agricultural Economics
- Advanced Dairy Production
- Advanced Drystock Production
- Animal and Plant Science: Field and Lab
- Farm Buildings and Maintenance
- Industry Placement

Year 3

- New Venture Creation
- Digital Business
- Financial Management and Taxation
- Rural Development
- Food Science, Technology and Quality Assurance
- Market Research
- Operations Management
- New Venture Planning
- International Economic Policy
- Sustainable Agriculture
- Agri Marketing Management
- Business Communications and Negotiations

Year 4 (Level 8)

- Irish Economic Policy
- Agribusiness and Food Company Management
- Soil Science and Nutrient Management
- Integrated Enterprise Systems
- Supply Chain Management
- Animal Nutrition and Breeding
- Strategic Management
- Rural Resource Planning, Management and Agricultural Research
- Rural and Agribusiness Dissertation

*Mandatory Modules Shown
– Electives Available – Check Website*

Career Opportunities

Graduates will be well prepared to operate in a variety of managerial and administrative positions in rural and agri-enterprises, or to become self-employed. Graduates can progress to a variety of work in agri-business and agricultural services: for example, in marketing, information processing, administration and management posts; as well as various employment opportunities in rural development.

Further Study Options

Level 7 graduates can progress on to the Level 8 programme. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements **plus**

- O4/H7 Maths



291 (Level 8 2021)
278 (Level 7 2021)



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Dr Edna Curley
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Did You Know?

Students reside at Mountbellew for the first two years of this course. Years 3 and 4 are spent at the ATU Galway City campus.

In Year 2 students will be based between our ATU Mountbellew campus, three days per week, and our Galway campus, two days per week.

Quick Fact

Students must do a three-month industry work placement in year 2 working in an agri-business.



Maeve Keane

BBs (Hons) in Rural Enterprise
and Agri-Business

I have always had a passion for agriculture and loved studying business in school. Studying Rural Enterprise and Agri-Business at ATU Mountbellew allowed me to do both. It is a small Agri-college with a big personality where it was easy to settle in and get to know everyone. My time studying was spent on both the ATU Mountbellew Campus and the ATU Galway City Campus. During my industry placement in 2nd year I was based in the Teagasc office in Clonmel working alongside the advisors, meeting farmers, organising discussion groups and completing paperwork. Returning to full time studies in Year 3, I was then based on the ATU Galway City Campus. I absolutely loved getting involved in all the clubs and societies. My course always felt student focused with supportive lecturers, and small class sizes.

My degree gave me the skills and motivation for my first role as a Sales Account Manager with **AgriLand Media LTD**, all before officially graduating. I have recently moved into a new role as Digital Manager for the **Farmers Journal**. Along with working full time, I am also studying for my Master's degree in Digital Marketing.

Agriculture and Environmental Management

Programme Description

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.

Special Features

Year 1 of the programme is based at ATU Mountbellew four days per week and one day per week at ATU Galway City. Year 2 is based at ATU Mountbellew three days per week and at ATU Galway City two days per week. Years 3 and 4 are spent at ATU Galway City campus. Transport is provided between campuses.

What will I study?

Year 1

- Animal and Crop Production Science
- Chemistry and Soil Science
- Plant and Animal Science
- Financial and Farm Accounting
- Management Accounting
- Maths and Statistics
- Computer Application
- Macroeconomics
- Academic and Professional Skills

Year 2

- Physics
- Soil and Analytical Chemistry
- Advanced Dairy Production
- Advanced Dry Stock Production
- Farm Management Safety and Law
- Physics
- Organic Agriculture
- Work Placement

Year 3

- Agriculture Enterprise Diversification
- Introduction to AgroEcology
- Rural Development and Agricultural Policy
- Geographic Information Systems
- Climate Change Adaptation and Mitigation
- Advanced Grassland Management
- Aquatic Ecology
- Ecological Management
- Advanced Farm Planning and Management
- Grassland Management

Year 4

- Soil Science and Nutrient Management
- Integrated Sustainable Agriculture
- Biodiversity and Conservation
- Agri-business and Food Company Management
- Advanced Geographic Information Systems
- Environmental Legislation
- Animal Nutrition and Breeding
- Rural Resource Planning and Policy
- Research Methods and Dissertation Preparation
- Research Project



3/4 Years



50 Places



Work Placement



Standard Entry Requirements


340 (Level 8 2021)
281 (Level 7 2021)


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 Head of Department
 of Natural Resources
 and the Environment
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Dr Edna Curley
 Head of Centre,
 Mountbellew
 mac@atu.ie

Career Opportunities

These programmes are extremely 'hands-on' with considerable time allocated to the development of practical laboratory skills and Information Technology skills. Thus, the graduates have both the theoretical and practical skills employers require.

Further Study Options

Level 7 graduates may 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

The agriculture sector employs over 170,000 nationally with an annual 26 Billion.

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.

Common Entry

Year 1 of the programme is common with the Bachelor of Business in Rural Enterprise and Agri-business course (AU606 / AU506).

Agricultural Engineering

Programme Description

These programmes are tailored to students who have a particular interest in the design, manufacture, and maintenance of agricultural, horticultural or robust machinery. Combining agricultural science and mechanical engineering with an emphasis on machine design, control and mechanical power transmission, this degree is designed to deliver high-quality engineers to the agricultural, horticulture, mineral processing and agri-food industry.

Students will gain transferable knowledge and skills in engineering design, control, automation and precision manufacturing and agricultural and environmental sciences. These programmes are practical, and feature: weekly practical classes, workshop practice, individual and group projects and work placement experience.

Special Features

Over the duration of the programme, each student will receive tuition at the Department of Mechanical and Industrial Engineering at ATU Galway City campus and ATU Mountbellew campus. Transport will be provided between campuses.

What will I study?

Year 1

- Animal and Crop Production Science
- Computer-Aided Design
- Electrical Science
- Academic and Professional Skills
- Agricultural Technology
- Engineering Science
- Mathematics
- Manufacturing Engineering

Year 2

- Mechanics and Dynamics of Machines
- Mathematics
- Farm Management, Safety and Law
- Grassland Production
- Farm Animal Health and Planning
- Thermodynamics
- Mechanics and Properties of Materials
- Mathematics
- Manufacturing Engineering
- Computer-Aided Design
- Power Hydraulics
- Statics and Dynamics

Year 3

- Food Science, Technology and Quality Assurance
- Animal Nutrition and Breeding
- Drystock 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
- Reliability and Maintenance
- Electrical Machines
- Computer-Aided Engineering
- Smart Agri Systems
- The Engineer in Society
- Automation and Control
- Agricultural Engineering Major Project

Additional elective modules may be available.

Career Opportunities

Agricultural engineers can work in a diversity of roles, centred around the design, build, service and repair of harvesting and production machinery for the agricultural, horticultural, forestry, mineral processing, and other sectors. In addition, graduates can work in automation, hydraulics, system design and testing, reliability and maintenance, drawing, fabrication, environmental and resource management, finance and sale roles.

Further Study

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, has strong research connections with many local industries, and graduates may have an opportunity to register on funded MSc, MEng or PhD research programmes.



3/4 Years



20 Places



Work Placement



Standard Entry Requirements


304 (Level 8 2021)
290 (Level 7 2021)

Alan Connors
Programme Chair
 alan.connors@atu.ie

Dr Edna Curley
Head of Centre,
Mountbellew
 mac@atu.ie

Common Entry

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

Did You Know?

The Level 8 programme meets the requirements for 'Young 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.

Quick Fact

National and international paid work placements are available.

Professional Accreditation

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





ATU

Donegal

ÓTA Dún na nGall



ATU Donegal offers 62 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

75% 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 2021, 85% of ATU Donegal graduates either secured work or pursued further study within four months of graduating. There has been a 47% increase in student enrolment figures at ATU Donegal over the last eight academic years.

NEW CAO Programmes 2023 at ATU Donegal

CAO Code	Programme Title	Level
AU312	BA (Hons) in Communications with English	8
AU311	BA (Hons) in Corporate Law	8
AU322	BA(Hons) in Hospitality Management	8
AU363	BSc (Hons) in Computing with Data Science and Artificial Intelligence	8
AU362	BSc (Hons) in CyberPsychology	8
AU352	BEng (Hons) in Biomedical Design	8
AU353	BEng (Hons) in Engineering (Common Entry)	8
AU372	BSc (Hons) in BioAnalytical Science	8
AU370	BSc (Hons) in Food Science & Nutrition	8
AU373	BSc (Hons) in Pharmaceutical & Medicinal Science	8
AU270	BSc in Science (Common Entry)	7
AU221	BA in Tourism & Hospitality Operations	7
AU222	BSc in Sports & Exercise	7
AU242	BSc in Construction (Arch. Technology or Const. Management)	7
AU243	BEng in Building Engineering (Common Entry)	7
AU262	BSc (Hons) in CyberSecurity and Digital Forensics	7
AU253	BEng in Engineering (Common Entry)	7
AU252	BEng in Electric Vehicle Engineering	7
AU290	BSc in Inclusive Practice for Special Needs Assistance	7

Business

Programme Description

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.

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.

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 modules are available

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.

Did You Know?

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.

Quick Fact

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



3 Years



50 Places



Work Placement



Standard Entry Requirements



288 (Level 8 2021)



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

Professional Accreditation

This degree meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Business'.



Accounting

Programme Description

If you want to build a career in the accounting profession, this course 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.

Special Features

Accounting courses 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.

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 modules are available

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.

Did You Know?

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.



3 Years



50 Places



Work Placement



Standard Entry Requirements



312 (Level 8 2021)



Patricia Doherty
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of Business Studies
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Quick Fact

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

Professional Accreditation

Professional accountancy bodies including ICA, ACCA, CPA and CIMA. This degree meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Accounting'.



**CHARTERED
ACCOUNTANTS
IRELAND**



Marketing with Online Technologies / Marketing Practice with Online Technologies

Programme Description

This new 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.

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 modules are available

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.

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.

Did You Know?

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.



3 Years



50 Places



Work Placement



Standard Entry Requirements



261 (Level 8 2021)



Patricia Doherty
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of Business Studies*
patricia.doherty@atu.ie

Quick Fact

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



Luke Johnston

BBs (Hons) in Business

Having completed his Leaving Certificate at the Royal and Prior College in Raphoe, Donegal, Luke began studying the Bachelor of Business (Hons) programme at ATU Donegal. Luke loved the course from the beginning and knew instantly that it was the right choice for him. Having grown up working in family businesses over the years, he was excited to develop his skills and business knowledge.

In October 2018, on the night of his graduation, Luke and his brother Caine opened the doors to Luca's Restaurant in Letterkenny. Luca commented, "While studying at ATU Donegal, I learned about the principles of business with accountancy, marketing and management modules. This invaluable knowledge helped me to understand how business operates. It is something that I practice in my own business now on a daily basis. The accountancy modules gave me an insight into the financial side of a business and inevitably taught me how to make my business profitable. The marketing module has aided me to develop social media campaigns to market Luca's. On a regular day at Luca's, I manage a team of 12 – 15 employees. The management modules prepared me for this aspect and most importantly, it provided me with the skills to build good relationships with my customers."

Business (Common Entry)

Degree Award Options:

- Accounting
- Management
- Marketing with Online Technologies

Programme Description

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.



3 years



100 Places

Standard Entry
Requirements

Erasmus+



189 (Level 7 2021)



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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 modules
are available*

Accounting

Year 3

- Financial Report 1
- Management, Accounting and Finance
- Computerised Accounts
- Organisational Behaviour
- Management Accounting 2
- 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





Special Features

Many students know they want to study business at university but are not quite sure which specific area of business they would like to focus on.

That's why this common entry programme is so popular as it provides the opportunity to try different modules before specialising.

Career Opportunities

Careers for Bachelor of Business in Management graduates include working as a trainee manager, human resource assistant, procurement officer, and administrator. They may also work in operations, business development and finance and insurance.

Careers for Marketing with Online Technologies graduates include working as a marketing executive or assistant, advertising or public relations executive, market researcher, sales and marketing executive or a digital marketing executive.

Careers for Accounting graduates include working as a book-keeper, accounts administrator or various other finance roles. Most graduates of this degree will progress to the Level 8 programme with a view to later completing their professional accounting exams (ICA, ACCA, CIMA, ICA).

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.

Professional Accreditation

Meets the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of 'Business'.

Design (Common Entry)

Degree Award Options:

- Animation
- Film and Media Production
- Fashion Design with Promotion
- Graphic and UX Design

Programme Description

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.

What will I study?

Year 1 Common Semester 1

- Visual Enquiry
- Programme Fundamentals
- Communications and Creative Process
- Art and Design History 1

Additional elective modules are available

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 Post
- Pre-Production and Process
- Research and Dissertation
- Major Project
- Innovation and Creativity

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
- Innovation and Creativity



4 Years



24 Places



Work Placement

Standard Entry Requirements **plus**

- Art or Graphic Design 06/H7 **or**
- Portfolio

**301** (Level 8 2021)

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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

Career Opportunities

Graduate careers from the Animation stream typically include storyboard artist, 2D animator, 3D animator, special effects artist, character design, environment designer.

The Graphic and UX Design stream allows graduates to work as a graphic designer, advertising and art director, UX/UI/IxD designer, web designer, interactive media designer, motion graphics designer, print and publishing designer, freelance designer and illustrator.

Film and Media Production opportunities include pre-production designer, on location film crew member (camera/sound), post-production editor, special effects producer, independent film/video producer.

Fashion Design with Promotion often leads graduates to become a fashion designer, e-tailer, fashion stylist, shoot and production assistant, visual merchandising, fashion photographer/filmmaker, fashion advertising and marketing assistant, fashion illustrator, fashion blogger, and fashion buyer.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

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.

Animation

Programme Description

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 course 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.

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

Additional elective modules are available

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.



3 Years



24 Places



Work Placement



Standard Entry Requirements **plus**

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



183 (Level 7 2021)



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Film and Media Production

Programme Description

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.

What will I study?

Year 1

- Visual Enquiry
- Photo Fundamentals
- Sound 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

Additional elective modules are available

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.



3 Years



24 Places



Work Placement



Standard Entry Requirements

- Maths not required



Erasmus+



217 (Level 7 2021)



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Niamh Porter

BA (Hons) in Fashion Design
with Promotion

Niamh Porter had always dreamed of studying a third-level programme within the area of Art and Design. Inspired by her secondary school art teacher, Niamh began studying the Fashion with Promotion degree programme at ATU Donegal.

Niamh loved the course and enjoyed the small class sizes which provided her with valuable one-to-one time with the academic team from the Department of Design and Creative Media. The most enjoyable aspect was the freedom to discover her own style and what aspect of fashion she wished to focus on. Since graduating, Niamh has designed for Zendaya, Michelle Obama and Mary J. Blige and is now Social Media Manager for Junk Kouture. Niamh added, "Don't be afraid to dream big, to be yourself and to concentrate on your own journey."

Fashion Design with Promotion

Programme Description

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.

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

Additional elective modules are available

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.



3 Years



24 Places



Work Placement



Standard Entry Requirement plus

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



189 (Level 7 2021)



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Graphic and UX Design

Programme Description

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.

What will I study?

Year 1

- Visual Enquiry
- Communications and Creative Process
- Graphic Design: Fundamentals
- Photo 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

Additional elective modules are available

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.



3 Years



24 Places



Work Placement



Standard Entry Requirements plus

- Art or Graphic Design 06/H7 or
- Portfolio
- Maths not required



Erasmus+



188 (Level 7 2021)



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Communications with English

Programme Description

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 and also the fundamentals of English which aligns with the aspect of communications. 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.



3 Years



50 Places



Standard Entry Requirements **plus**
• Min. H5 in English

**NEW Programme**

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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

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'.



Corporate Law

Programme Description

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.

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

Career Opportunities

Successful graduates find work in the legal profession, law enforcement, journalism, social work, advocacy, and the civil service.

Graduate careers include working as a solicitor or barrister, legal executive, company secretary, legal advisor, researcher, journalist, or in banking and finance.

Further Study Options

Graduates of this programme may choose to continue their studies on the Masters of Arts/PG Diploma in Governance, Compliance and Data Protection 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.



3 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+



NEW Programme



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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

Programme Description

This programme is a three-year honours law degree and has approved degree status with the Kings Inns along with a qualifying law degree status with the Institute of Professional Legal Studies (Northern 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.

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

Career Opportunities

Successful graduates find themselves working in the legal profession, law enforcement, journalism, social work, advocacy, or the civil service.

Graduates typically work as a solicitor or barrister, legal executive, company secretary, legal advisor, researcher, journalist or in banking and finance.

Further Study Options

Graduates from the Level 8 programme may progress to the Masters of Arts/PG Diploma in Governance & I.T in Financial Services. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

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

**3 Years****50 Places****Work Placement****Standard Entry Requirements****Erasmus+****300 (Level 8 2021)**

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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

Programme Description

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.

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

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.



3 Years



70 Places



Work Placement



Standard Entry Requirements



Erasmus+



161 (Level 7 2021)



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Quick Fact

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

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





Chris Chan BL

BA (Hons) in Law with Criminal Justice

Chris Chan BL was called to the Bar of Ireland in 2020 by the former Chief Justice of Ireland, The Hon Mr Justice Frank Clarke. Chris is registered as a Practising Barrister with the Legal Services Regulatory Authority and he is currently working as Corporate Legal Counsel for Ancestry, the largest genealogy company in the world. Chris graduated from ATU Donegal's Letterkenny campus in 2016 and has gone on to achieve great success since graduating with an honours degree in Law with Criminal Justice.

Preparatory Studies for Higher Education (Access Course)

Programme Description

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.

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.

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.



1 Year



100 Places



Direct Entry



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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.



Hospitality Management

Programme Description

This three-year honours degree programme is designed to enable students to experience a broad education in hospitality and tourism studies.

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.

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

Additional elective modules are available

Special Features

Students can choose to take a semester abroad as part of the Erasmus+ programme with this degree.

Career Opportunities

Graduate careers typically include working as a hotel manager, room division manager, food and beverage manager, event coordinator, conference and banqueting manager, club/resort manager or a food and beverage sales executive.

Graduates find work in the hotel industry, bars and clubs, as well as cruise ships, airlines and catering companies.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

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 the work placement will study the Year 3 modules in Year 4.



3 Years



40 Places



Work Placement



Standard Entry Requirements



Erasmus+



NEW Programme



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Quick Fact

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

Tourism and Hospitality Operations

Programme Description

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.



3 Years



40 Places



Work Placement



Standard Entry Requirements



Erasmus+



NEW Programme



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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

Additional elective modules are available

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

Quick Fact

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



Culinary Arts

Programme Description

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.

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

Additional elective modules are available

Special Features

Students can choose to take a semester abroad as part of the Erasmus+ programme with this degree.

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.



3 Years



32 Places



Work Placement



Standard Entry Requirements



Erasmus+



205 (Level 7 2021)



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Quick Fact

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





Daniel Lambert

BA in Culinary Arts

Daniel chose ATU Donegal after researching degree programmes in Culinary Arts. It was the reputation of the campus, and the fact that many celebrity chefs had studied Culinary Arts at the Killybegs campus, which attracted Daniel to the programme. During his time at ATU Donegal, Daniel undertook work placements in some renowned restaurants including Neven Maguire's MacNean House and Restaurant.

Daniel is a familiar face on TV and has a regular culinary slot on Ireland AM's morning show. In addition to having a successful TV career, Daniel has a TikTok platform with 3.5million likes. Since graduating from ATU Donegal's Culinary Arts degree, Daniel has developed a successful career as a food marketer, a celebrity chef and a social media content creator.

Athletic Therapy and Exercise Rehabilitation

Programme Description

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.

Programme accreditation by ARTI (Athletic and Rehabilitation Therapy Ireland) is pending, which will enable students in the final year to sit an examination to qualify as a Certified Athletic Therapist (CAT).

What will I study?

Year 1

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

Year 2

- Biomechanics and Movement Analysis
- Sports and Exercise Nutrition
- Injury Diagnostics
- Sports and 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

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.



4 Years



60 Places



Work Placement



Standard Entry Requirements **plus**
• Garda Vetting



Erasmus+



NEW Programme



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Professional Accreditation

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

Quick Fact

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

Sports and Exercise (Common Entry)

Degree Award Options:

- Performance and Wellbeing
- Physical Education

Programme Description

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.



4 Years



60 Places



Work Placement



Standard Entry
Requirements **plus**

- Garda Vetting



Erasmus+



290 (Level 8 2021)



Nicola Dunnion
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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

*Additional elective modules
are available*

Performance and Wellbeing

Year 3

- Introduction to Sports Psychology
- Personal Fitness Instruction
- Health Promotion and Wellbeing
- 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
- 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



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.

Sports and Exercise

Programme Description

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.

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

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

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.



3 Years



40 Places



Work Placement



Standard Entry Requirements plus
• Garda Vetting



Erasmus+



New Programme



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Lisa Shields

**BSc (Hons) in Sports and Exercise
with Physical Education**

Lisa had always dreamed of a career as a PE Teacher, and as a student at ATU Donegal, she enjoyed all aspects of campus life. Lisa commented, “Anybody wishing to pursue a career in PE Teaching is very fortunate to have the option at ATU Donegal. The Sports and Exercise degree programme with the Physical Education specialism includes all modules required by the Teaching Council and enables students to progress to complete a Masters programme in PE Teaching.”

Lisa is now enjoying a career as a PE Teacher and enjoyed being able to study her degree programme so close to home.

Architectural Technology

Programme Description

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.

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

Special Features

In this programme, Building Information Modelling (BIM) is used in conjunction with AR and VR (Augmented and Virtual Reality) simulations to support the coordination of architecture, structure and services during the design stage of construction projects.

Digital models offer the ability to visualise, record and document the design of buildings, as well as the opportunity to simulate clash detection and assembly sequencing in virtual space to greatly improve construction efficiencies.

Career Opportunities

Graduate careers typically include working as an architectural technologist or a BIM Manager. Successful graduates find work in architectural practice, 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 (MCAT) is possible by professional assessment and interview.



4 Years



24 Places



Work Placement



Standard Entry Requirements



234 (Level 8 2021)



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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.

Professional Accreditation

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



Fire Safety Engineering

Programme Description

The aim of this 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. Theoretical and practical modules provide the graduate fire safety engineer with a skill set unique to this country and in demand internationally.

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

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 and 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

Additional elective modules are available

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 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 range of private and public sector contexts.

Successful graduates find work in fire safety engineering consultancies or local authorities such as the fire service or planning departments. They may also work in the public sector such as the HSE, prison service or airport authority, or in architectural practice.

Further Study Options

This programme is recognised worldwide for postgraduate entry. Graduates have completed Master's programmes at ATU Donegal, Ulster University as well as internationally. Progression to becoming Chartered Engineer (CEng MIEI) with Engineers Ireland is possible with a Master's degree.



4 Years



24 Places



Work Placement



Standard Entry Requirements



283 (Level 8 2021)



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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.

Professional Accreditation



Construction Management

Programme Description

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.

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.

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

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry. Progression towards chartered membership of Chartered Institute of Building (CIOB) following a minimum of three years of relevant work experience is possible.

Did you Know?

The construction industry has in recent years embraced the new forms of government contract PWC, RIAI, Design / Build contracts and online procurement methods, creating a need for expertise in the administration and management of contracts.

This programme gives learners the competencies to administer and manage the relevant contracts used in the industry today. Pre and post contract management skills will be developed in a financial, legal and ethical context.



4 Years



24 Places



Work Placement



Standard Entry Requirements



262 (Level 8 2021)



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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).



Construction (Common Entry)

Programme Description

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 (Hons) in Construction Management.

Special Features

The Integrated Project at ATU Donegal brings together all the construction/engineering disciplines into design teams, mimicking real-life situations and experience.

What will I study?

Year 1

- Architectural Project 1 and 2
- Construction Technology 1 and 2
- Physics 1
- Mathematics 1
- Technical Writing and Communication
- Building Services 1
- Construction Management 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 and 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

Construction Management

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
- Digital Land Surveying
- Industry Case Study
- Professional Practice
- Work Placement and Project

Additional elective modules are available

Career Opportunities

Key employers for architectural technologists are architectural practices, building and civil engineering consultancies, local and public authorities, building contractors or property developers.

Key employers for Construction Managers are building and civil engineering contractors, land surveyors, property developers, property services consultancies.

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 specialism is selected.

Quick Fact

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



3 Years



24 Places



Work Placement



Standard Entry Requirements



NEW Programme



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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.





Ronan McNamee

BEng in Civil Engineering

Ronan returned to ATU Donegal as a mature student, having previously studied an honours degree in Accounting. Ronan always had an interest in Engineering and following a period travelling, he decided to return to education to explore this interest.

Civil Engineers are involved in the planning, design and construction of facilities for living, industry and transport. The return to education went smoothly for Ronan, he added, "It was exciting and daunting to be back studying. The small class sizes at ATU Donegal provided a personal learning environment where it was easy to ask questions and participate in class discussions, making it fun. Rather than watching a demonstration, we actually got to perform the practical activities. I enjoyed the practical learning most of all".

Quantity Surveying

Programme Description

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.

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.

What will I study?

Year 1

- 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

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.

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).



3/4 Years



24 Places



Work Placement



Standard Entry Requirements



304 (Level 8 2021)
204 (Level 7 2021)



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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.



Building Engineering (Common Entry)

Degree Award Options:

- Building Engineering with Renewable Energy
- Fire Safety Engineering

Programme Description

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.

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

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 and 2
- Lighting and Acoustics
- Site Organisation
- Design Project

Year 3

- Building Engineering 3 and 4
- Electrical Services 4
- Building Energy Modelling
- Mathematics 5 and 6
- Building Engineering Project
- Control Services for Building Engineering
- Professional Practice
- Work Placement and 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 and Project

Additional elective modules are available



3 Years



24 Places



Standard Entry Requirements



Work Placement



NEW Programme



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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 (Honours) in Construction Management (Year 4) or Bachelor of Science (Honours) in Construction Contracts Management at ATU Donegal.

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 impending shortage of construction and engineering professionals within Ireland.

Quick Fact

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

Common Entry

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

Professional Accreditation

This programme is expected to meet the Engineers Ireland education standard for the registration of Associate Engineer.



Civil Engineering

Programme Description

Civil Engineering is concerned with most of the infrastructure that contributes to modern civilisation. Civil Engineers are involved with the planning, design and construction of facilities for living, industry and transport.

This programme provides a broad based 3-year training in the field of Civil Engineering from which graduates may complete two further years of study elsewhere to become honours Civil Engineering or Master of Engineering (MEng) graduates.

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 and Project

Year 3

- Structures 5 and 6
- Mathematics 5 and 6
- Hydraulics
- Civil Engineering Materials
- Water and Wastewater Technology
- Civil Engineering Project 1 and 2
- Civil Engineering Infrastructure
- Soil Mechanics 2
- Professional Practice

Additional elective modules are available

Career Opportunities

Graduate careers typically include working as a civil engineer, land surveyor or site engineer. Successful graduates find work in civil engineering, structural engineering, environmental engineering, local and central government or construction materials/quarries.

Further Study Options

Many graduates of this Level 7 programme progress to Level 8 and Level 9 Civil Engineering programmes at ATU and other academic institutions. These include a Bachelor of Engineering (Honours) in Civil Engineering at other ATU colleges or universities in Ireland and abroad. Graduates can also progress to programmes such as the Bachelor of Science (Honours) in Construction Management, Bachelor of Science (Honours) in Construction Contracts Management or the Bachelor of Science (Hons) in Fire Safety Engineering.

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 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.



3 Years



24 Places



Work Placement



Standard Entry Requirements



164 (Level 7 2021)



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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.



Computer Science

Programme Description

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.

What will I study?

Year 1

- Operating Systems
- Object Orientated Programming
- Social and Digital Communications
- Mathematics for Computing 1
- 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

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.



3 Years



24 Places



Work Placement



Standard Entry Requirements plus

- Computer Science O4/H6 or
- GCE in Computing



316 (Level 8 2021)



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Computing in Data Science and Artificial Intelligence

Programme Description

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.



4 Years



24 Places



Work Placement



Standard Entry Requirements



NEW Programme



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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

Career Opportunities

Successful graduates find work in all aspects of business and computing, finance companies of all types, health care providers or research centers.

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.

CyberPsychology

Programme Description

This programme gives the student a CyberPsychology multidisciplinary qualification across psychology and computing which is applicable to a wide range of organisations and systems. Students who enjoy technology and want to examine and prioritise the human factors in the development of online and digital environments will enjoy this programme.

It will be of particular interest to students who wish to develop psychological insights into human interactions with digital technologies and learn how to apply this knowledge in a variety of sectors that deal with the human-computer interface point.

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.



4 Years



24 Places



Work Placement



Standard Entry Requirements

**NEW Programme**

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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.

Career Opportunities

The main employers of graduates from this programme are education, the games industry, software development, artificial intelligence, marketing and cybersecurity.

Graduate careers typically include virtual reality, design of AI systems, online marketing, research, online learning education, cybersecurity, game interaction design and usability testing.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

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

Applied Computing

Programme Description

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.



4 Years



24 Places



Standard Entry Requirements



Erasmus+



320 (Level 8 2021)



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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

- 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 and 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
- International/European 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

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.

Computer Games Development

Programme Description

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.



3 Years



24 Places



Standard Entry Requirements



206 (Level 7 2021)



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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

Special Features

Summer work placement is available for students on this programme.

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.



Amy Campbell

BSc (Hons) in Applied Computing

Amy studied Applied Computing at ATU Donegal and embraced all aspects of student life during her studies. From participating and leading a wide variety of clubs and societies, to achieving digital badge success from the National Forum for the Enhancement of Teaching and Learning in Higher Education, Amy thrived during her four years studying at ATU Donegal.

As a teenager, Amy sampled campus life while attending computing summer camps at ATU Donegal. It was during this time that her interest in computing developed. Amy thoroughly enjoyed all aspects of the Applied Computing degree programme, and worked as a freelance transcriptionist for Rev.com during her studies. Demand is high for Computing graduates at ATU Donegal, and as Amy approached her final year exams she secured a graduate role in the Technology Department with Optum Ireland. Her next move is to Dublin where Amy will explore all aspects of technology with Optum Ireland who provide technological, operational and consulting solutions and services to individuals, healthcare organisations and pharmaceutical companies.

Computing with Cybersecurity and Digital Forensics

Programme Description

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.



3 Years



36 Places



Work Placement



Standard Entry Requirements



NEW Programme



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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
- Advanced Ethical Hacking
- Advanced Digital Forensics 1 and 2
- API Programming
- Algorithms and Data Structures
- Database Programming
- Network Services
- Web App Security

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

Special Features

Summer work placement is available for students on this programme.

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.

Computing

Programme Description

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.

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

Special Features

Summer work placement is available for students on this programme.

Career Opportunities

Successful graduates find work in all types and sizes of computing companies, banks, insurance companies, medical IT, eCommerce and web development.

Graduate careers include working as a software developer and tester, data analytics engineer, database designer and developer, mobile apps developer, database developer and web developer.

Further Study Options

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



3 Years



48 Places



Standard Entry Requirements



Work Placement



180 (Level 7 2021)



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Quick Fact

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



Biomedical Design

Programme Description

This programme will prepare graduates to enter careers in the design and implementation of systems, components and processes involved in biomedical sensing, drug delivery and therapy systems.

Students will study the design and build of biomedical devices, medical diagnostics equipment, smart implantable and wearable therapeutic systems. This programme covers all aspects of connected health from remote sensing, the Internet of Things to the analysis of health data in the Cloud.

Special Features

An optional special purpose award is available for a work placement as part of this programme.

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
- Introduction to Chemistry and Biology for Biomedical Engineering
- Programming 2
- Introduction to Biomaterials
- Analogue Circuit Design 1 and 2
- Microcontrollers
- Introduction to Anatomy and Physiology

Year 3

- Mathematics 5 and 6
- Biomedical Instrumentation
- Embedded Systems 1
- Digital Communications and Transmission
- Analytical Chemistry
- Project
- Biomedical Imaging
- Digital Signal Processing
- Biomedical Case Studies
- Engineering Management 1

Year 4

- Electroanalytical Chemistry
- Project 1 and 2
- Embedded Systems 2 and 3
- Communication 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



4 Years



40 Places



Standard Entry Requirements



Work Placement



NEW Programme



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Career Opportunities

Graduates may find work in the medical devices industry, diagnostic or therapy system manufacturers and connected healthcare.

Graduate careers include working in the design or development of diagnostic systems, technical sales, marketing or management roles or in biomedical engineering research.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

This is a rapidly changing area of engineering that offers very exciting and rewarding careers working at the forefront of new technologies.

Quick Fact

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



Electronic Engineering

Programme Description

Any portable technology device or any smart technology in the home, school or workplace will be built from electronics and embedded systems. A car that can park itself needs to be guided by electronics technology. A phone app that detects proximity to others for tracking contacts is built on electronic communications system.

These programmes prepares graduates to enter careers in the design and implementation of such electronic and embedded systems applications in mobile and wireless communications, connected health, and in all aspects of the Internet of Things from sensing to the Cloud.

This programme includes an extended work placement which will significantly enhance a student's career opportunities.

Special Features

An optional special purpose award is available for a work placement as part of this programme.

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

Career Opportunities

Successful graduates find work in telecommunications, high-end manufacturing, medical devices and micro-electronics fabrication.

Graduate careers include working as an embedded systems designer, technical support manager, or research engineer. Graduates also work in ICT, the microelectronic industry, the medical device industry and in technical sales, marketing and management related roles.

Further Study Options

Successful students can exit with a BEng in Electronic Engineering after three years or BEng (Honours) in Electronic Engineering after four years of study. Level 7 graduates may apply for entry into Year 4 of the Level 8 programme in Electronic Engineering. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



3/4 Years



40 Places



Work Placement



Standard Entry Requirements



321 (Level 8 2021)
198 (Level 7 2021)



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Did You Know?

This is a rapidly changing area of engineering that offers very exciting and rewarding careers working at the forefront of new technologies.

Quick Fact

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

Professional Accreditation

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



Mechanical Engineering

Programme Description

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.

Special Features

An optional special purpose award is available for a work placement as part of this programme.

Did You Know?

The need for mechanical engineers in Ireland and the UK has remained a constant in recent years. Mechanical Engineers are very versatile and can be employed in a broad range of roles across many industries giving graduates the opportunity to find the industry and role that fits them best.

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

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.



3/4 Years



40 Places



Work Placement



Standard Entry Requirements



300 (Level 8 2021)
163 (Level 7 2021)



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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.



Engineering (Common Entry)

Degree Award Options:

- Mechanical Engineering
- Electronic Engineering
- Biomedical Design

Programme Description

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, electronic engineers, and biomedical design engineers has been very strong in recent years.

Students will be able to apply engineering analysis, synthesis, and evaluation to engineering problems, demonstrate and articulate a practical and theoretical knowledge of their engineering field through theory, practice, experimental, project and design work, plus demonstrate a high level of competence and ability in problem-solving, analysis and decision making.

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

Year 4

- Automation Technology 2
- Mechanics 5
- Engineering Simulation and Data Analysis
- Engineering Management 2
- Thermodynamics and Renewable Energy 1 and 2
- Project 1 and 2
- Data Science and Machine Learning
- Advanced Computer Aided Engineering
- Professional Practice

Electronic Engineering

Year 2

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

Year 3

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

Year 4

- 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



4 Years



48 Places



Standard Entry Requirements



Work Placement



NEW Programme



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Biomedical Design

Year 2

- Mathematics 3 and 4
- Introduction to Chemistry and Biology for Biomedical Engineering
- Programming 2
- Introduction to Biomaterials
- Analogue Circuit Design 1 and 2
- Microcontrollers
- Introduction to Anatomy and Physiology

Year 3

- Mathematics 5 and 6
- Biomedical Instrumentation
- Embedded Systems 1
- Digital Communications and Transmission
- Analytical Chemistry
- Project
- Biomedical Imaging
- Digital Signal Processing
- Biomedical Case Studies
- Engineering Management 1

Year 4

- Electroanalytical Chemistry
- Project 1 and 2
- Embedded Systems 2 and 3
- Communication 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



Special Features

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

Career Opportunities

Graduate careers for Mechanical Engineers 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. Graduates also work in technical sales, marketing and management roles in related industries.

Graduate careers for Electronic Engineers include working as an embedded systems designer, technical support manager or research engineer. They also work in the ICT and microelectronics industry, medical devices industry and in technical sales, marketing and management roles in related industries.

Graduate careers for Biomedical Design Engineers include working in medical devices industry roles, designing and developing diagnostic and therapeutic systems. They also work as maintenance engineers and in biomedical research and development. Some graduates work in technical sales, marketing and management roles in related industries.

Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Did You Know?

This programme offers a common first year which includes modules in engineering problem-based learning where students complete mini-projects relevant to mechanical engineering, electronic engineering, and biomedical design.

Quick Fact

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

Common Entry

This is a common entry degree with award options in Mechanical Engineering, Electronic Engineering or Biomedical Design.

Professional Accreditation

The BEng (Honours) in Mechanical Engineering and the BEng (Honours) in Electronic Engineering meet the Engineers Ireland education standard for the registration of Associate Engineer.



Engineering (Common Entry)

Degree Award Options:

- Mechanical Engineering
- Electronic Engineering
- Electric Vehicle Engineering

Programme Description

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 electronic 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.

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, electronic engineering, and electric vehicle engineering.

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

Electronic Engineering

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

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



3 Years



48 Places



Standard Entry Requirements



Work Placement



NEW Programme



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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 Electronic Engineers include working as a technical support manager, maintenance technician or engineer, technical sales advisor, or research engineer. Graduates will also find work in ICT and the microelectronics industry.

Graduate careers for Electric Vehicle 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 or Electronic Engineering at ATU Donegal.

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, Electronic Engineering or Electric Vehicle Engineering.

Professional Accreditation

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



Electric Vehicle Engineering

Programme Description

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.

Special Features

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

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

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.

Further Study Options

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

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.



3 Years



30 Places



Work Placement



Standard Entry Requirements



NEW Programme



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Quick Fact

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



Lorraine Stewart

BEng (Hons) in Mechanical Engineering

Lorraine developed a keen interest in mechanical engineering from a very early age leading her to a career with the most powerful brands in the manufacturing industry and access to global career opportunities.

Following in her father's footsteps in mechanical engineering, Lorraine developed an interest for all things mechanical. Lorraine commented, "At school I enjoyed science and maths related subjects and chose to do maths, biology and chemistry at higher level for my Leaving Certificate. At first, I was unsure what course to pursue at third level. I spoke with a careers guidance teacher who advised me to consider mechanical engineering as it would be a good fit with my interests in maths and science." Graduating with a degree in Mechanical Engineering from ATU Donegal helped Lorraine to thrive and enjoy a career that incorporates her lifelong interests.

Early Childhood Care, Health and Education

Programme Description

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.

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.

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

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.



2/4 Years



30 Places



Work Placement



Standard Entry Requirements 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



Erasmus+ (Level 8)



288 (Level 8 2021)
160 (Level 6 2021)



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Eimear Long

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

Eimear's interest in becoming a primary school teacher started at an early age, when researching degree programmes in early years education, she was drawn to the modules in the BSc (Hons) in Early Childhood Care, Health and Education at ATU Donegal.

What particularly appealed to Eimear was the option to undertake the Diploma in Irish from NUIG at ATU Donegal. On completion of her studies at ATU Donegal, Eimear progressed to study a Professional Master of Education (Primary Teaching), which she completed with Hibernia College. Now a fully qualified primary school teacher, Eimear reflects on how modules such as Education Play, Creativity in Early Years, Curriculum Pedagogy and Assessment, combined with the practical work placements future-proofed her for a career as a primary teacher.

Health and Social Care (Common Entry)

Programme Description

This is a four-year Bachelor of Science (Hons) in Health and Social Care with degree award options: Aging and Care, Disability Studies or Health and Social Care (General). 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.

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.

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

Additional elective modules may be available.

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.



4 years



30 Places



Work Placement

Standard 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

**279** (Level 8 2021)

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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.

Common Entry

This is a four-year BSc (Hons) in Health and Social Care that offers degree award options in Aging and Care, Disability Studies, or Health and Social Care (General).

Health and Social Care

Programme Description

This programme is designed for anyone seeking a career in health and social care. This programme combines academic work with practice learning from a variety of areas including working with children, young people, people with disabilities and older people in a variety of health and social care settings.

Special Features

Placement is an integral part of this course and students will undertake a 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.

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

Additional elective modules may be available.

Career Opportunities

Successful graduates find work in adult services, health awareness and promotion, care of the elderly, childcare, youth and community development, women's aid and intellectual disability services.

Graduate careers include 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

Level 6 graduates may apply for Year 3 of the Level 8 programme in Health and Social Care. ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

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.



2 Years



30 Places



Work Placement



Standard 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



195 (Level 6 2021)



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Inclusive Practice for Special Needs Assistance

Programme Description

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.

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.

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.



3 Years



25 Places



Work Placement



Standard 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



NEW Programme



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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.



Bioanalytical Science

Programme Description

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.



4 Years



32 Places

Standard Entry
Requirements

NEW Programme



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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.

Food Science and Nutrition

Programme Description

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.

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.

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.

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.



4 Years



26 Places



Work Placement



Standard Entry Requirements

**NEW Programme**

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Further Study Options

ATU Level 8 qualifications are recognised worldwide for postgraduate entry.

Quick Fact

10 quota places are reserved for QQI FET Applicants.



Pharmaceutical and Medicinal Science

Programme Description

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.



4 Years



32 Places



Standard Entry Requirements



NEW Programme



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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.

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.



Science (Common Entry)

Degree Award Options:

- Bioanalytical Science
- Food Science and Nutrition
- Pharmaceutical and Medicinal Science

Programme Description

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.



3 Years



32 Places

Standard Entry
Requirements

Work Placement

**NEW Programme**

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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

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

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

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 elective modules
may be available.*



Did You Know?

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.

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.



Esther Osiuhwu

BSc in Pharmaceutical and
Medicinal Science

Esther graduated with a first-class honours degree in Pharmaceutical and Medicinal Science at ATU Donegal. Following her three years of study at ATU Donegal, she gained entry into third-year of the medicine degree at the University of Lodz, Poland.

During her time at ATU Donegal, she embraced the student experience and received a digital badge from the National Forum for the Enhancement of Teaching and Learning in Higher Education for her work as a Student Ambassador. Esther is approaching her final year in medicine and attributes her time at ATU Donegal as developing the foundation she needed to build a career in medicine.

Agriculture

Programme Description

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.

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.

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.

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.



3 Years



32 Places



Work Placement



Standard Entry Requirements



Erasmus+



200 (Level 7 2021)



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Agriculture (Common Entry)

Degree Award Options:

- **Animal and Crop Science**
- **Environmental Management**

Programme Description

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.



4 Years



32 Places



Work Placement

Standard Entry
Requirements

Erasmus+



308 (Level 8 2021)



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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

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



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.

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.

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'.



Veterinary Nursing

Programme Description

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.

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.

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.

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.



3 Years



32 Places



Work Placement



Standard entry requirements **plus**

- O6/H7 in either Phy, Chm, Pch, Bgy or Ags
- F2/O6/H7 in Maths



389* (Level 7 2021)

*Not all applicants who achieved these points received a place



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Professional Accreditation

Accredited by the Veterinary Council of Ireland and Acovene.



Dental Nursing

Programme Description

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.

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

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 Options

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



2 Years



18 Places



Work Placement

Standard 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.

**180** (Level 6 2021)

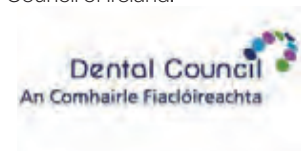
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Quick Fact

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.



Health Science with Dietetics Studies

Programme Description

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.

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.

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.

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.



2 Years



16 Places



Work Placement



Standard Entry Requirements **plus**

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



336 (Level 6 2021)



Dr Kim McFadden
*Head of Department
of Life and Physical
Sciences*
kim.mcfadden@atu.ie

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.

Health Science with Occupational Therapy Studies

Programme Description

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.

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.

Special Feature

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.



2 Years



16 Places



Work Placement



Standard Entry Requirements **plus**

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



451* (Level 6 2021)

***Not all applicants who achieved these points received a place**



Dr Kim McFadden
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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.

Health Science with Physiotherapy Studies

Programme Description

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.

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.

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.



2 Years



16 Places



Standard Entry Requirements plus

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



487* (Level 6 2021)
*Not all applicants who achieved these points received a place



Dr Kim McFadden
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kim.mcfadden@atu.ie

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.

Pharmacy Technician

Programme Description

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.

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.

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.

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.



2 Years



20 Places



Work Placement



Standard Entry Requirements plus

- O6/H7 in either Phy, Chm, Pch, Bgy or Ags
- F2/O6/H7 in Maths
- Garda Vetting



172 (Level 6 2021)



Dr Kim McFadden
Head of Department of Life and Physical Sciences
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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.

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

Programme Description

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.

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.

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.



4 Years



35 Places



Work Placement



Standard Entry Requirements plus

- O6/H7 in Phy, Chm, Pch, Bgy or Ags
- Health Declaration
- Garda Vetting
- Mandatory Training
- Practice Placement



429* (Level 8 2021)

***Not all applicants who achieved these points received a place**



Ms Breda Mulgrew
Programme Lead

nursingandhealthstudies@atu.ie

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).



Intellectual Disability Nursing

Programme Description

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.

Special Features

There is a 36-week paid internship in Year 4.

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.

Career Opportunities

Successful graduates find work in clinical nursing, clinical nurse management, community, residential, day centre or intellectual disability services, or in education and research.

Further Study Options

Graduates may progress to the following programmes:

- PG/Masters Degree in Advancing Health and Social Care at ATU Donegal
- PG/Masters Degree in Therapeutic Interventions in Alcohol and Other Drugs at ATU Donegal
- PG/Master of Science in Advanced Practice (Nursing) (Consortium blended delivery)
- PG/Master of Science in Professional Nursing Practice (Consortium blended delivery)
- Certificate in Contemporary Healthcare Management
- ATU Level 8 qualifications are recognised worldwide for postgraduate entry.



4 Years



22 Places



Work Placement



Standard Entry Requirements plus

- O6/H7 in Phy, Chm, Pch, Bgy or Ags
- Health Declaration
- Garda Vetting
- Mandatory Training
- Practice Placement



357 (Level 8 2021)



Ms Stephanie Bonar
Programme Lead
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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).



Mental Health Nursing

Programme Description

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.

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.

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.

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.



4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**

- O6/H7 in Phy, Chm, Pch, Bgy or Ags
- Health Declaration
- Garda Vetting
- Mandatory Training
- Practice Placement



367* (Level 8 2021)
*Not all applicants who achieved these points received a place



Dr Louise McBride
Head of Department of Nursing and Health Care
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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).





Jodie Gallagher

BSc (Hons) in General Nursing

Jodie began her degree in General Nursing at ATU Donegal in 2018. She always knew Nursing was the career path for her and was impressed by the Nursing facilities on campus when she visited during Open Day.

Jodie secured a scholarship from Optum Ireland during her four years studying at ATU Donegal and embraced all aspects of her Nursing degree, particularly enjoying the work placement opportunities. One aspect of the programme that stood out for Jodie was the midwifery placement. During this placement Jodie realised her chosen career path and has plans to begin a Masters of Science in Midwifery in the coming months.



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 75 CAO programmes across eleven departments. ATU Sligo is home to students from every county in Ireland and 36 countries worldwide.

Facilities

We have invested significantly in our campus. Whether it is the labs in engineering and science, Apple Mac computer lab or the new creative hub for arts, design and architecture; our students have access to some of the best facilities of any third-level provider 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 2022. 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 meaning 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, 70,000 printed books, while 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 2021, 95% of our graduates secured employment or continued their studies (Graduate Outcome Survey).

Programme Listing

Page	Area of Study
223	Business, Marketing, Tourism and Sport
235	Social Sciences
241	Engineering and Construction
261	Computing
267	Arts, Design and Architecture
277	Science

Business

Programme Description

This programme looks at the broader business world and is perfect for a student looking to obtain a diverse range of skills and learn what area of business is for them. Students gain core business skills throughout their studies in economics, management information systems, law and much more. In Year 4, students can choose to specialise in human resource management, marketing or finance. This offers students the flexibility to explore the various aspects of business before committing to a specialisation. A final year research dissertation allows students a valuable opportunity to explore their area of interest in more detail. We offer practical experience of the workplace, deepening students understanding of the business environment and adding to their employability by gaining transferable key skills.

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
- Business Strategy
- Employee Resourcing and Talent Planning
- Industrial Relations
- Performance and Reward Management
- Other subjects depend on chosen specialist stream

Additional elective modules are available.

Special Features

Students enjoy a five-month work placement in Year 3 (April–August). This placement gives students 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, should they choose to do so.

Communication is an extremely important aspect of any business and with our marketing and computer applications modules, students will learn how to effectively promote their business and engage with their community.

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 choose to pursue a Professional Master of Education (PME) in teacher training for second-level business teaching, 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).



4 Years



30 Places



Work Placement



Standard Entry Requirements



Erasmus+



262 (Level 8 2021)



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Common Entry

Students study core business areas before choosing their specialist stream in Year 4. Students choose between finance, marketing or human resource management in their final year.

Quick Fact

Students have the opportunity to study Spanish, French or German as part of their elective choices.

Professional Accreditation



The
Marketing
Institute



Emma Gilroy

BBs (Hons) in Business

The wide range of business modules, practical projects, teamwork and work experience in ATU Sligo gave me an advantage in progressing my career. I arrived at my first job interview prepared with my portfolio in hand. It was packed with case studies, business analysis and project work. I could clearly illustrate my understanding and knowledge of real business challenges.

I currently work for an AdTech company called AdRoll. My first role was as an account strategist in our Dublin office, before I was promoted to account manager. I later relocated to New York to manage an internal ad operations team of performance specialists. I am now a director in the company and oversee a cross collaborative, global and dynamic team within our customer operations department.

Business

Programme Description

Our business programmes produce graduates with a blend of business-related knowledge and skills. Students are equipped with knowledge in core business areas such as business management, with modules in human resources, finance and accounting, law, marketing and economics. Students also learn about enterprise development and optimising IT for business effectiveness. Individual and group projects are an integral part of the programme which develop skills required for business, such as analysis, teamwork, presentation and professional business skills.

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.

Special Features

Our lecturers not only have the academic knowledge but also the industry experience to provide our students with a deep understanding of business practice across various industries and organisations. They tackle, together with guest speakers from industry, the most up-to-date trends and challenges facing businesses today. Work placement takes place in the final semester on the Level 7 programme to put the theory learned into practice.

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 take up employment opportunities across the public, private and non-profit sectors. Career options include sales, management, human resources, marketing, finance and accounting, office and project management.

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.



2/3 Years



30 Places



Work Placement



Standard Entry Requirements



Erasmus+



233 (Level 7 2021)

160 (Level 6 2021)



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Quick Fact

Students have the opportunity to study Spanish, French or German as part of their elective choices.

Further Study Options

Graduates of the Level 7 qualification can progress to a Level 8 Bachelor of Business (Honours) degree at Atlantic Technological University or in other higher education institutions.

Higher Certificate (Level 6) students can progress to the Level 7 Bachelor of Business or Level 7 Bachelor of Business in Business Administration.



3 Years



30 Places



Work Placement

Standard Entry
Requirements

Erasmus+



241 (Level 7 2021)



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Business Administration

Programme Description

This programme prepares students for employment in administration and office management at a junior management level. The programme builds practical skills, with a strong focus on office management systems, including databases, spreadsheets, payroll and administration. Students will also develop a valuable range of transferable personal skills such as teamwork, leadership and problem-solving. These skills are all highly sought after by employers. It provides an interactive learning experience with a focus on practical laboratory classes, case studies and problem-based learning.

What will I study?

Year 1

- Financial Accounting
- Computer and Text Processing
- Personal Learning and Development
- Business Mathematics
- Introduction to Management
- Intermediate Business Technology
- Teamwork and Creativity
- Introduction to Computer and Text Processing

Year 2

- Management Accounting
- Marketing for Administrators
- Intermediate Computer and Text Processing
- Business Law
- Digital Marketing
- Advanced Business Technology
- Administrative Office Management

Year 3

- Advanced Computer and Text Processing
- Introduction to Financial Management
- Business Computer Applications
- People Management
- Principles of Microeconomics

Additional elective modules are available.

Special Features

Students enjoy a 12-week work placement across a range of industries to gain the practical skills to reinforce the theory learned on the programme.

Students can take elective modules as diverse as languages, politics or other business-related modules. Students may also take a language elective and complete an Erasmus+ semester abroad.

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 work in a range of areas, including clerical assistant, personal assistant, receptionist, financial assistant, bank official, business manager, office manager and customer care officer.

Did You Know?

Year 1 focuses on foundation knowledge in core business areas. As the degree progresses, students knowledge and understanding is broadened as they study core business areas in greater detail.

Further Study Options

Graduates may progress to the add-on Bachelor of Business Degree Level 8 at Atlantic Technological University or at other higher education institutions.





3 Years



25 Places

Standard Entry
Requirements

Erasmus+



279 (Level 8 2021)



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Business and Information Communications Technology (ICT)

Programme Description

This degree provides 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. This programme has been designed to equip students with the skills to help support and lead businesses through this digital transformation.

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

Special Features

Supports are available to ensure students have access to the technology they need to succeed on this programme.

Industry sponsored scholarships are also available for highly engaged students, as businesses are eager to secure graduates from this degree.

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 a number of roles including; ICT project management, data security manager, digital transformation consultant, information resource manager, technology consultant or systems analyst.

Further Study Options

Further study options include post-graduate 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 post-primary school teacher for both business and ICT subjects.

Did You Know?

This degree integrates two disciplines to create unique graduates who are in high demand. Studying Business and Information Communications Technology (ICT) together will allow students to identify the role of information systems in business management and operations, and embed contemporary ICT systems to maximise productivity, efficiencies and success in a business.

Professional Accreditation

Teaching Council

This programme has been designed so graduates are equipped to teach both business and computer science subjects in post-primary schools should they choose to pursue a career in teaching. The modules on the programme have been mapped to the Teaching Council of Ireland's registration requirements.

Microsoft Accreditation

Students have the opportunity to attain Microsoft certifications, which are industry-recognised worldwide and differentiate graduates.

Google Analytics Accreditation

Students will complete a Google analytics accredited course and have the opportunity to gain an internationally recognised Google certification.

Accounting

Programme Description

This three-year honours degree offers one of the fastest routes to achieving a professional accounting qualification. This 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. No other university in Ireland offer more exemptions. This programme is delivered through a combination of lectures, case studies, problem-based learning and computer laboratory work. Students develop a detailed comprehension of core concepts and principles in accounting and develop soft skills in problem solving, teamwork, creativity and communication. Accountancy offers a solid foundation on which to build a dynamic and rewarding career across a limitless range of sectors.

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
- Management Accounting Planning, Control and Decision-Making
- Information and Communications Technology in Accounting
- Principles of Macro and Microeconomics
- Company Law, Partnership Law and Governance
- Principles of Management
- Professional Development for Accountants
- Company Law and Partnership Law

Year 3

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

Special Features

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.

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 both locally and nationally, often prior to completion of the programme. Most graduates progress to a professional accounting qualification. Graduates also pursue careers in finance, banking and financial services, second-level teaching or lecturing.

Further Study Options

Graduates can 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?

Accountancy at Leaving Certificate level is not required as the programme starts with beginners accounting. This programme has a low student-to-lecturer ratio which enhances the learning experience and facilitates more individual attention between students and their tutors.



3 Years



30 Places



Work Placement



Standard Entry Requirements



304 (Level 8 2021)



cao.sligo@atu.ie

Professional Accreditation



ACCA



Marketing

Programme Description

Students who join these marketing degrees will study the latest practices from across the world of business and marketing. They will be equipped with the necessary 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+ programmes, work placement, community engagement projects and business insights trips, coupled with excellent teaching, lay the foundations for this valued qualification.

Special Features

Many modules will have guest lecturers who are marketing professionals, business owners, past graduates and experts in specific fields. The guest lecturers expose students to the opportunities that await them and are also a fantastic opportunity to network.

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
- Business Strategy
- Macroeconomics
- Professional Marketing Practice
- Global Marketing Practice
- Marketing Planning

Additional elective modules are available

Career Opportunities

There are many roads of opportunity for a marketing graduate - digital marketing manager, marketing executive or manager, sales manager, eCommerce marketer, content creator, social media manager, events marketer, email marketer, blogger/influencer marketer, marketing data analyst, online ad manager, online PR manager, sales account manager, business development manager, are just some of the areas where employment may lie.

Further Study Options

Level 7 graduates may progress to the final year of the four-year Level 8 degree. Level 8 graduates may continue to a Level 9 one-year taught 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).



3/4 Years



50 Places



Work Placement



Standard Entry Requirements



Erasmus+

298 (Level 8 2021)
269 (Level 7 2021)

cao.sligo@atu.ie

Did You Know?

In Year 3, students complete a work placement for approximately eight weeks. Business insights trips to various companies located in the region are also a core part of the programme every year. These offer great opportunities to bring the theory of the classroom to life.

Professional Accreditation





Olive Wanjiru

BBs (Hons) in Marketing

I love that this degree gives me specialist knowledge in marketing but broad business skills too. We learn about lots of different areas of marketing from social media marketing and digital marketing to consumer behaviour and data analytics. I find these very interesting and relatable.

Having the opportunity to work on real projects and go on work experience has helped bring the theory learnt in class to life. In third year, our group project involved pitching a marketing business plan to potential investors. Business insight trips to local and national companies have been a great learning experience too. There are huge global opportunities for a marketing graduate and I am excited to see where my career takes me.

Tourism and Event Management

Programme Description

In a dynamic and rapidly changing world, our tourism graduates are confident, creative, and agile - exactly what is needed to rebuild and continue to develop the world's fastest-growing economic sector in a sustainable manner. This is the only three-year honours degree in this subject available in our 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 and opportunities to travel internationally.

What will I study?

Year 1

- Events Management
- Introduction to Relationship Marketing
- Business Application Software
- Business Law
- Financial and Management Accounting
- Foundations of Tourism
- 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
- Globalisation and Tourism
- Strategic Tourism
- Tourism and Events Research Project

Additional elective modules are available.

Special Features

Industry placement provides students with invaluable real-world experience and practical insights into the tourism, events, and closely related sectors. Students are encouraged to complete the placement overseas. In the past, students have worked in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, Turkey, UK and Ireland. Students have the opportunity to take part in international field trips to tourist destinations such as Amsterdam, Paris, Madrid, Venice, Frankfurt and Rome.

Career Opportunities

Graduates are highly sought after and can work across the globe in festival and event management companies, education, conference or business tourism, tour operators or travel agents, destination management, marketing organisations as well as cultural, heritage and conservation projects to name a few. 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 from our Level 8 degree can pursue a wide range of Level 9 and 10 postgraduate programmes at Atlantic Technological University 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).



3 Years



40 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



Erasmus+



298 (Level 8 2021)



cao.sligo@atu.ie

Quick Fact

Language study is available as a non-compulsory elective on this programme. Students can choose between German, French or Spanish.

Did You Know?

This business degree is diverse. Students build their academic and practical experience through their studies, paid work placement, real-life business visits and projects, and fun off-campus excursions, activities, and international trips.

International Tourism and Event Management

Programme Description

Globally, 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 graduates who have the skills to help rebuild Ireland's largest indigenous industry. 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. This degree provides students with an exciting blend of business and management skills to work across the business, tourism and events industry.

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.

Special Features

Opportunities arise throughout the programme to work on real-life projects with local and regional business organisations. Students enjoy weekly site visits to the rich tourism-based local and national operations and heritage sites.

In Year 3, students participate in a paid 4-6 month work placement to apply their knowledge and develop their skills in tourism specific environments across the world.

Career Opportunities

Graduates of this business degree work in festival and event management companies, conference and business tourism, airports & airlines, cruise ships, tour operators & travel agents, wellness & health spa tourism resorts, destination specialists and heritage & conservation projects. Many graduates also start their own businesses.

Further Study Options

Graduates may complete one additional year for the Level 8 BBs (Hons) in Tourism and Event Management honours degree after which they could choose to continue to a Masters degree, a Professional Master of Education (PME) to become a secondary school teacher of Business or a Level 10 PhD qualification.

Quick Fact

Tourism experts and entrepreneurs are often invited as guest lecturers to speak with students and share their knowledge on the sector.



3 Years



50 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



Erasmus+



160 (Level 7 2021)



cao.sligo@atu.ie

Did You Know?

To further develop the international element of their 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. Students also get the opportunity to gain a Guiding and Adventure Tourism badge.

Sport with Business

Programme Description

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. The programme 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 students with the knowledge and professional skills and competencies required to work within sport, fitness, leisure or business environments.

What will I study?

Year 1

- Principles of Marketing
- Outdoor Recreation
- Management and the Business Environment
- Intermediate Business Technology
- Health and Fitness
- Intermediate Business Technology
- Management of Recreation and Fitness
- Gym Instruction
- Business and Sport 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
- Services Marketing and Customer Care
- Teaching and Coaching (Team Sports)
- Work Placement

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.

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 the area of 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.

Career Opportunities

A wide range of career opportunities are available to graduates including sports development, health promotion, marketing, management, coaching, setting up their own business and as a route into a career in teaching. Through the incorporation of work-based projects and work placements, graduates will be 'work-ready' and prepared for integration into the workplace.

Further Study Options

Graduates can pursue a wide range of Level 9 and 10 postgraduate studies in education, strength and conditioning, exercise physiology and therapy, health promotion, sports management, marketing, and teaching.

Did You Know?

In Year 2 of the programme, 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 college into a real-life work environment.

Quick Fact

Students can choose from a number of electives in the areas of sport or business, based on where their interests lie.



3 Years



30 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



Erasmus+



288 (Level 8 2021)



cao.sligo@atu.ie

Professional Accreditation



Applied Sport with Business

Programme Description

This programme gives students the opportunity to learn about all aspects of sport and recreation while also studying business, leadership, marketing and digital technology modules. This equips students with entrepreneurial skills, allowing them to work in the business and sports sectors, or open their own sports-related business. As part of the practical element of the programme, students will work regularly with children and other target populations from schools and other environments in health and fitness, sports education, coaching and swim teaching.

What will I study?

Year 1

- Sport and Recreation
- Financial Accounting
- Business Technology
- Fundamentals of Aquatics
- Play, Dance and Fundamental Movement Skills
- Research-Based Study Skills
- Sociology of Sport
- Athletics and Gymnastics
- Health Promotion
- Sport and Adventure Tourism
- Anatomy and Physiology

Year 2

- Management and the Business Environment
- Intermediate Business Technology
- Principles of Marketing
- Outdoor Recreation
- Health and Fitness
- Intermediate Business Technology
- Management of Recreation and Fitness
- Business and Sport Law
- Introduction 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
- Services Marketing and Customer Care
- Teaching and Coaching (Team Sports)
- Work Placement

Additional elective modules are available.

Special Features

This programme features a high level of practical activity ranging from swimming-based activities and surfing, to fitness instruction and sports coaching.

Year 3, students will go on a 13-week work placement. In the past students have gone to a variety of settings including schools, sports teams, health and various businesses. Work placement allows students to apply what they have learnt in a real world environment.

Career Opportunities

As a solid business degree, an abundance of opportunities awaits our graduates. 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

This programme ensures students acquire appropriate practical expertise and develop the competencies to be effective leaders in the sports industry and provide pathways through postgraduate study. Graduates can progress onto the final year of our Level 8 BBs (Hons) in Sport with Business. They may also choose to progress onto the final year of the BBs (Hons) in Business, Marketing or Human Resource Management. Level 8 graduates may continue their studies to Masters Level 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) in order to become a secondary school teacher of Physical Education.

Did You Know?

Students will have the chance to attain valuable national and international qualifications including European-recognised gym instruction and personal training, lifeguarding, swim instruction and several coaching awards.



3 Years



50 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



Erasmus+



200 (Level 7 2021)



cao.sligo@atu.ie

Professional Accreditation





3 Years



30 Places

Standard Entry
Requirements

291 (Level 8 2021)



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Law & Business

Programme Description

This new and innovative three-year honours degree in Law and Business has been developed in partnership with industry. Students divide their time between law and business, while exploring the connections between these fields of study. 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. The programme will open doors to a wide range of career opportunities as well as the provision of pathways into further study and education, including a pathway to a professional law qualification. The possibilities for graduates of this programme are immense and exciting.

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

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.

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 and data privacy and protection professionals in Ireland. There also is 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 the 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 will 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, interview, and mediation skills. These practical skills are sought after by employers and will equip students for employment and professional practice across a range of sectors.

Sociology and Politics

Programme Description

Taking a combination of Sociology and Politics gives students an insight into how social and political forces affect our everyday lives and what we can do to effect change. Sociology focuses on understanding and analysing how human societies work. It studies everyday social practices, as well as discussing questions around economic inequality, power, gender and race, for example. Politics looks more 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.

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.

Special Features

In the past, students have gone to a variety of destinations for their work placement in Year 2 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 study.

Career Opportunities

There is a wide variety of careers to choose from including working as a representative for vulnerable people in society, public sector jobs (teaching and administration amongst many others) social policy, 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 (GSPE) 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.



3 Years



25 Places



Work Placement



Standard Entry Requirements plus

- Garda Vetting
- Maths not required



Erasmus+



298 (Level 8 2021)



cao.sligo@atu.ie

Quick Fact

Each year we welcome a number of students from countries all over the world. This diversity opens up wonderful debate and opinions on a variety of social and political topics.

English and Psychology

Programme Description

This programme integrates English and Psychology to create a unique and versatile degree that allows graduates to explore a range of career options. By combining these two subjects, students have the opportunity to learn transferable, critical and creative thinking skills, as well as becoming independent learners, researchers, thinkers and writers. These skills are highly sought after by employers. Students will be introduced to both English and Psychology in the first year and as the programme progresses, allowed to focus on their specific, chosen interest.

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
- Contemporary Irish Writing
- Theatre for Young Audiences
- Psychological Connections for Wellbeing
- English and Drama Symposium

Additional elective modules are available.

Special Features

In the Psychology strand, students will broaden their understanding of human nature as they develop a critical understanding of psychological thinking and research about human development, personality, cognitive functioning and mental health.

In the English strand, students will explore literary and dramatic texts by studying the intellectual and socio-historical contexts of the artworks. Learning and ideas are informed, understood and shared through seminars, workshops, lectures, theatre trips, conferences and group/individual work.

Career Opportunities

The integrated subjects of English and Psychology enables graduates to pursue a range of career and further study options. Employment opportunities exist in areas such as communications and media, community development, arts management, research and also in the business and technology sectors.

Further Study Options

Graduates may progress to a Psychology Masters or conversion programme. Graduates may also pursue Level 9 and Level 10 studies within Atlantic Technological University or at other higher education institutions.

This programme has considered the Teaching Council Registration Curricular Subject Requirements to meet the requirements to undertake a Professional Master of Education (PME) programme to become a secondary school teacher in English.

Did You Know?

Students on this programme will have the opportunity to experience blended learning in Year 3. The research methods module is taught online, giving students more flexibility as they prepare for their postgraduate studies.



3 Years



25 Places


Standard Entry Requirements plus

- Garda Vetting
- Maths not required



Erasmus+

**319** (Level 8 2021)

cao.sligo@atu.ie

Quick Fact

In the final year, 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

This programme has submitted an application for accreditation to The Psychological Society of Ireland (PSI).



4 Years



60 Places



Work Placement



Standard Entry Requirements plus

- Garda Vetting
- Maths not required



Erasmus+



287 (Level 8 2021)



cao.sligo@atu.ie

Early Education and Care

Programme Description

The overarching aim of this programme is to foster and develop the knowledge, skills, competencies, and values of emerging early years professionals to be independent and professional educators. The programme aims to meet the criteria for initial professional education, forming graduates who have the expertise to nurture and enrich infants' and young children's lives in early years learning and care settings. Combining theory with professional practice, this applied programme supports graduates to become skilled, competent, ethical, and reflective practitioners.

Special Features

ATU 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 have the option to complete their second practice placement abroad, often funded as part of Erasmus+ grants. 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.

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 at Atlantic Technological University 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 of our programme 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.

What will I study?

Year 1

- Childhood 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
- Childhood 2: 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

Did You Know?

A Digital Badge is embedded in this programme. 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.

Quick Fact

This programme is approved by the Qualifications Advisory Board (instituted to review Level 7 and Level 8 Degree Programmes for the Early Learning and Care Sector) as meeting the requirements of the Professional Award Criteria and Guidelines standards.

Social Care Practice

Programme Description

Ireland, among other countries, continues to face many social challenges. A career in social care practice is challenging and also uniquely rewarding – 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, along with other health and social care professions. Throughout this honours degree programme, students will 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.

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 as a result of their professional practice placement.

What will I study?

Year 1

- Introduction to Lifespan Development
- Creative Practice for Social Care
- Introductory Sociology
- 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

- Creative Practice 2: Becoming A Creative Facilitator
- Adult Mental Health: A Psychological Perspective
- Principles of Law - SCP
- Social Care and Social Policy
- Professional Practice
- Practice Placement SCP

Year 3

- Child and Family Law
- Social Care and Social Policy
- Practice, Policy and Evidence
- Sociology 3: 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 4: Continuing Professional Identity Formation
- Dissertation/Research Project
- Social Care Practice - Building Relationships and Resolving Conflict
- Ethics, Practice and Policy
- Welfare and Protection in Social Care
- Practice, Policy and Evidence

Additional elective modules are available.

Career Opportunities

Graduates of this programme 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, 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. Graduates may progress to Masters programmes in Social Care and Social Justice, Social Work, Social Research Practice, Equality and Counselling or Level 10 PhD doctorate in research.



4 Years



70 Places



Work Placement

Standard Entry Requirements **plus**

- Garda Vetting
- Maths not required

**309** (Level 8 2021)

cao.sligo@atu.ie

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 our Social Care Practice Programme and is used in teaching, learning and assessment opportunities.

Professional Accreditation

This programme was the first Social Care Practice programme in Ireland to secure its (Professional Regulator) CORU approval, a true testament to the quality of this programme.



Cian Lally

BA (Hons) in Social Care Practice

There is such a diverse range of modules which bring different learning outcomes, whilst the CORU accreditation really makes this degree stand out. The lecturers are so friendly too. Their expertise and knowledge from working in industry is invaluable. We get important hints and tips that you will only get from those who have seen and done it.

The opportunity to go on work placement for two full semesters is incredible. This first-hand experience is not only great for learning, it also gives you an idea of the specific type of career you want to pursue. If you are considering working with children, families, community work or anything socially, then this is the degree for you. It will open so many possibilities.



4 Years



64 Places



Standard Entry
Requirements **plus**

- Min H5 in Maths



Work Placement



373 (Level 8 2021)



cao.sligo@atu.ie

Engineering

Degree Award Options:

- Robotics and Automation
- Electronics and Self-Driving Technologies
- Civil Engineering
- Mechanical Engineering

Programme Description

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 at 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: Civil Engineering, Mechanical Engineering, Robotics and Automation or Electronics and Self-Driving Technologies.

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

Robotics and Automation

Year 2

- Control Systems
- Analog Electronics
- Advanced Automation Technology
- 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

Year 4

- Project 400
- Advanced Robotics
- AV Sensor Systems
- Renewable Energy Systems
- Control Systems Analysis and Design
- Deep Learning for Computer Vision
- Computer Vision

Additional elective modules are available

Electronics and Self-Driving Technologies

Year 2

- Procedural Programming
- Control Systems
- Analog Electronics
- Digital Electronics
- Introduction to Networks
- Embedded Systems
- Data Communications
- Mathematics

Year 3

- Work Placement
- Object Oriented Programming
- Image Processing
- Digital Signal Processing
- Software Engineering
- Data Analytics and Visualisation
- Mathematics
- Sustainable Vehicle Technologies
- Six Sigma 2 Statistical Control

Year 4

- Vehicle Cybersecurity and V2X
- Computer Vision
- Digital Signal Processing
- Principles and Practice of Extended Realities
- AV Sensor Systems
- Startup Engineering
- Embedded Systems
- Deep Learning for Computer Vision
- Robotic Path Planning
- Project 400

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
- Structural Analysis
- Structural Design
- Highway Engineering
- Mathematics
- 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



Common Entry

This programme offers students an introduction to a wide range of engineering disciplines. Our suite of Level 8 degrees in Civil Engineering, Mechanical Engineering, Electronics and Self Driving Technologies, and Robotics and Automation 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.

Mechanical Engineering

Year 2

- Engineering Dynamics
- Manufacturing Processes
- Design Engineering Project
- Control Systems
- Energy Systems
- Pneumatic and Hydraulic Systems
- Automation Programming
- Mathematics

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

- Project 400
- Industry 4.0
- Mechanical Design
- Advanced Technology and Innovation
- Renewable Energy Systems
- Statistical and Numerical methods
- Energy Systems
- Computer Vision
- Finance for Engineers

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.

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 Civil Engineering degree is already in place.





2/3 years



64 Places

Standard Entry
Requirements

262 (Level 7 2021)

163 (Level 6 2021)



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Engineering

Degree Award Options:

- Precision Engineering and Design
- Mechatronic Engineering
- Civil Engineering
- Mechanical Engineering

Programme Description

This general engineering programme gives students exposure to all different types of engineering and equips them with the fundamentals of engineering. This helps them 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: Civil Engineering, Mechanical Engineering, Mechatronic Engineering or Precision Engineering and Design.

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
- Thermodynamics and Fluid Mechanics
- Mathematics

Year 3

- Design Engineering Project
- Computer Aided Design
- Computer Aided Manufacture
- Machine Design
- Mould Design and Polymer Processing
- Mechanics/Dynamics
- Essential Lean Six Sigma and Validation
- CIM and Robotics

Mechatronic Engineering

Year 1, Semester 2

- Electrical Principles Engineering
- Mathematics
- Electromechanical Technology Design
- Engineering Chemistry
- Circuit Simulation and Layout

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

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

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
- Structural Analysis
- Structural Design
- Highway Engineering
- Mathematics
- 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

- Integrated Project
- Machine Design
- CIM and Robotics
- Mechanics/Dynamics
- Computer Aided Design
- Essential Lean Six Sigma and Validation
- Control Systems
- Materials Testing and Metrology

Common Entry

Our Level 7 and Level 6 engineering programmes offer students an introduction to a wide range of engineering disciplines. Our suite of programmes in Civil Engineering, Mechanical Engineering, Mechatronic Engineering, and Precision Engineering and Design 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 programme a student comes to us on, they will have the flexibility to change their specialism at the end of Semester 1 if they wish.

Career Opportunities

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 Opportunities

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.

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 engineering programme webpages.

Quick Fact

Our Level 7 engineering degrees come with professional accreditation from Engineers Ireland. This is an internationally recognised accreditation which means graduates have worldwide employment opportunities.

Professional Accreditation





4 Years



16 Places



Work Placement



Standard Entry Requirements **plus**

- Min H5 in Maths



384 (Level 8 2021)



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Robotics and Automation

Programme Description

Robotics and Automation is the combination of mechanical, electronic, robotic and software engineering systems that are used in modern manufacturing industries. Robotic 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.

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
- 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

Year 4

- Project 400
- Advanced Robotics
- AV Sensor Systems
- Renewable Energy Systems
- Control Systems Analysis and Design
- Deep Learning for Computer Vision
- Computer Vision

Additional elective modules are available.

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.

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 students 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.

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.

Professional Accreditation

Accreditation from Engineers Ireland for Chartered Engineer is expected after the first cohort of graduates.



Nhat Long Van Pham

BEng in Mechatronic Engineering

I have always had a passion for engineering. I was always intrigued by the way things work both on the electrical and mechanical side of things. This led me to choose mechatronic engineering as it gives the best of both worlds. 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. We are exposed to 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.



3 Years



32 Places

Standard Entry
Requirements

290 (Level 7 2021)



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Mechatronic Engineering

Programme Description

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. This programme offers an applied and practical-based approach with content that develops industry relevant and sought-after skills. During the intensive three years, 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.

What will I study?

Year 1

- Introduction to Engineering
- Circuit Stimulation and Layout
- Electromechanical Technology
- Electrical Principles Engineering
- Engineering Graphics and CAD
- Engineering Physics
- Design
- Mathematics

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

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

Special Features

Mechatronics is how high-tech manufacturing is carried out today and is becoming one of the fastest growing career areas. This programme is designed 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.

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 at 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.

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.



3 Years



32 Places

Standard Entry
Requirements **plus**

• Interview



Workplace/Online

**290 (Level 7 2021)**

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Mechatronic Systems (Work Based Learning)

Programme Description

Mechatronics is the combination of mechanics, electronics, robotics and computing that is used in modern engineering industries. It involves the study of automation from an engineering perspective and serves the purpose of controlling advanced hybrid systems in business and industry. In this paid work-based version of our full-time degree, students spend three days per week in the workplace and two days per week studying online with ATU. Students will learn how to analyse, design, and control the type of machines and processes that are used, for example, in biomedical, automotive manufacture and high-speed automation.

What will I study?

Year 1

- Work Placement
- Introduction to Engineering Mathematics
- CAD and Modelling
- Intermediate Engineering Mechanics
- Metrology and Calibration
- Programming Fundamentals
- Introduction to Engineering Mechanics
- Quality and Production Techniques
- Plastics Materials Processing and Testing

Year 2

- Work Placement
- Pneumatic and Hydraulic Systems
- Programming Communications and Interfacing
- Instrumentation
- Mathematics
- Automation Programming
- Plastics Materials Selection

Year 3

- Work Placement
- Mechatronics Project 300
- Introduction to Robotics
- Industrial Data Communications
- Control Systems
- Advanced Automation Technology
- Supervisory Control and Data Acquisition
- Mathematics

Career Opportunities

Mechatronic Systems graduates are equally at home in the mechanical or electronic domain and are specialists in interfacing computer-controlled systems. Graduates have the integrated skills to work in a variety of positions across the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors.

Did You Know?

Students are paid for their three days per week in the workplace and many employers will support students with fee payments. Students can save on accommodation and travel costs if they choose to study close to home. We have employers throughout Ireland signed up to this innovative degree. Also, all lectures are recorded which allows students the flexibility to watch them again.

Important Information

Applicants are required to be offered a three-year traineeship position with a suitable employer to be accepted on to this programme. We will help applicants find a placement with a suitable employer. Interested applicants need to fill out an online form on the programme webpage (atu.ie/AU832) and a member of the team will be in touch to discuss employment options.

Further Study Options

Graduates can choose from several Level 8 honours degrees in areas such as mechatronics, polymer processing or quality management. These can be studied full time or online.



Lauren Banks

BEng (Hons) in Mechanical Engineering

My studies in ATU Sligo have helped me to excel in my career. I currently work for Amazon as an engineering operations technician. I really enjoyed the range of modules on this degree. The highlight, however, was my third-year project which was entered into an Engineers Ireland competition.

My project was based on the environmental engineering sector. I produced a design brief before presenting my concepts and prototypes. I designed a Solidworks model and a 1:5 scale model of an eco-aqua purifier. This can dredge and collect waste and rubbish from rivers and estuaries. I also graduated with key skills such as communication and critical thinking. Having the ability to interpret, problem solve and communicate across different disciplines and departments has been key to my success.



4 Years



16 Places



Work Placement



Standard Entry
Requirements **plus**

- Min H5 in Maths



412 (Level 8 2021)



cao.sligo@atu.ie

Mechanical Engineering

Programme Description

This is a modern programme that prepares students 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 principals 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.

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 will also be asked to consider issues such as ethics and sustainability by exploring the responsibilities of the engineering profession towards people and the environment.

Career Opportunities

This degree enables graduates to take up the growing employment opportunities nationally and internationally. Our 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 masters or a masters/PhD by research. There are several postgraduate programmes available in ATU. Graduates may also pursue a variety of postgraduate studies at other third-level institutions.

Did You Know?

Students complete a work placement between January and September in third year, which includes the opportunity to apply to study for one semester in Germany. Industry based projects also play a key role in 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.

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 Mechanical Engineering 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 & 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

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

- Project 400
- Industry 4.0
- Mechanical Design
- Advanced Technology and Innovation
- Renewable Energy Systems
- Statistical and Numerical Methods
- Energy Systems
- Computer Vision
- Finance for Engineers



3 Years



48 Places

Standard Entry
Requirements

225 (Level 7 2021)



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Mechanical Engineering

Programme Description

This programme provides students with the skills, knowledge and competencies required to begin a career in mechanical and manufacturing engineering. The programme enables students to understand and apply the principles of mathematics, science, physics and the various mechanical engineering technologies, as well as practicing design processes and techniques. Students have access to state-of-the-art facilities, including comprehensive material and testing laboratories, industry standards software in CAD/ CAM, automation equipment, traditional manufacturing workshops, 3D printers and advanced CNC machines.

What will I study?

Year 1

- Introduction to Engineering
- Mechanical Project
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation
- Engineering Graphics and CAD
- Design
- Engineering Physics
- Introduction to Programming
- Mathematics

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

- Integrated Project
- Machine Design
- CIM and Robotics
- Mechanics/Dynamics
- Computer Aided Design
- Essential Lean Six Sigma and Validation
- Control Systems
- Materials Testing and Metrology

Special Features

Students undertake a major design and group build project in Year 3. Examples of group projects in the past 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.

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.

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.

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





3 Years



16 Places

Standard Entry
Requirements

341 (Level 7 2021)



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Precision Engineering and Design

Programme Description

Precision engineering is a specialist form of mechanical engineering that focuses on the design, development and manufacturing of high accuracy components and products. Graduates acquire the 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 Sligo has consulted widely with industry to develop this programme and ensure that graduates are equipped with the knowledge and skills now needed in modern manufacturing companies.

What will I study?

Year 1

- Introduction to Engineering
- Mechanical Project
- Manufacturing and Engineering Technology
- Introduction to Industrial Automation
- Engineering Graphics and CAD
- Design
- Engineering Physics
- Introduction to Programming
- Mathematics

Year 2

- Design Engineering Project
- CIM and Automation Technology
- Mechanics
- Manufacturing and Engineering Technology
- CAD/CAM
- Introduction to Engineering Materials
- Integrated Project
- Thermodynamics and Fluid Mechanics
- Mathematics

Year 3

- Design Engineering Project
- Computer Aided Design
- Computer Aided Manufacture
- Machine Design
- Mould Design and Polymer Processing
- Mechanics/Dynamics
- Essential Lean Six Sigma and Validation
- CIM and Robotics

Special Features

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.

Career Opportunities

Our 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 & 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 have 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.

Final year 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.

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 two if desired.

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.

Civil Engineering

Programme Description

Civil Engineering is a dynamic industry, which is continuously evolving and changing. It 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.

What will I study?

Year 1

- Introduction to Engineering
- Engineering Physics
- Engineering Mechanics
- Engineering Graphics and CAD
- Introduction to Programming
- Engineering Chemistry
- Mathematics
- Multi-Disciplinary Project (Level 8)
- Construction Technology (Level 7)
- Building Information Modelling (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
- Structural Analysis
- Structural Design
- Highway Engineering
- Mathematics
- 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

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 also include real-life multi-disciplinary projects that allow students to see what it is like to work with professionals in other construction related areas. These include architects, quantity surveyors and construction project managers.

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 the BEng (Hons) in Civil Engineering to achieve a Level 8 degree at ATU or other higher education institutions. Level 8 graduates may progress to taught and research masters in ATU or other third-level Institutions.

Did You Know?

Our degrees are a blend of formal lectures, real-life projects and relevant practical classes to enhance the understanding of topics. 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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements plus

- Min H5 in Maths for Level 8 degree



418 (Level 8 2021)
226 (Level 7 2021)



cao.sligo@atu.ie

Common Entry

All our engineering programmes have a common entry route. This gives students an understanding of all aspects of engineering and the flexibility to change direction if desired.

Quick Fact

Engineering student projects are presented at The Sligo Engineering and Technology Expo. A range of companies attend the expo, including Fortune 500 industry leaders. A link to the latest edition of the expo catalogue can be found on our Civil Engineering programme webpages.

Professional Accreditation



Quantity Surveying

Programme Description

This programme 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 needs of the workplace.

Special Features

Our syllabus covers a range of professional skills including communication, ethics, construction law, property development and commercial management. Students will undertake work placement for a minimum of three months to enhance the whole learning experience. In Year 4, students complete a practical capstone project, whereby a cost planning and value engineering exercise will be carried out on a commercial building.

What will I study?

Year 1

- Principles of Construction
- Principles of 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
- Introduction to Quantity Surveying Software

Year 2

- Complex Domestic Construction Technology
- Measurement of Domestic Buildings
- Estimating
- Construction Contracts and Procurement
- Principles of Law
- Economics
- Measurement of Mechanical and Electrical Installations
- Professional Practice within the Built Environment
- Construction Economics
- Construction Law

Year 3

- Work Placement or Project
- Measurement of Industrial and Commercial Buildings
- Cost Planning
- Private Sector Standard Form of Construction Contracts
- Programming and Planning Theory
- Cost Control
- Construction Programme Software
- Dispute Management

Year 4 (Level 8)

- Complex Structures and Civil Engineering
- 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
- Research Methods and Dissertation
- Capstone Project

Career Opportunities

Graduates are qualified for careers in quantity surveying consultancy, contracting organisations, specialist sub-contracting firms and elsewhere within the industry. A 2020 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 honours degree 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 at other third-level institutions.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements



Erasmus+


300 (Level 8 2021)
216 (Level 7 2021)


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Did You Know?

From planning skyscrapers and sports stadiums to creating film sets and festival sites, surveyors work on a huge variety of projects and with a wide range of professionals – architects, property developers, safety experts and asset managers to name a few. The project to build Tottenham Hotspurs' new 62,000-seat stadium was run by a surveyor and cost over £1 billion.

Professional Accreditation

Level 8



Level 7 & 8





Maryann McCann

BSc (Hons) in Quantity Surveying

There is 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. There are huge job opportunities, excellent salaries and progression opportunities in quantity surveying. When I graduate, I will have a qualification that can take me anywhere in the world.



2 Years



32 Places

Standard Entry
Requirements

Erasmus+



174 (Level 6 2021)



cao.sligo@atu.ie

Construction Economics

Programme Description

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.

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

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 & 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.



Nathan Wray

BSc (Hons) in Construction Project Management and Applied Technology

We spend a lot of time in the workshop where we draw, design and construct our own projects, from roofs and stairs to model houses. I love days in the workshop, as it is real hands-on experience. As the degree progresses, the projects get more complex and more interesting.

Different modules link together as we progress too. For example, we studied roofs in our theory class, we then drew different roof types in our CAD class, before constructing model roofs in the workshop. This allows for easy understanding of the different topics, as you see the process from start to finish. We also study modern subjects like Building Information Modelling (BIM) and Lean Construction which is very important.

Construction Project Management and Applied Technology

Programme Description

This programme 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.

Special Features

This programme 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 programme modules. In Year 3, a work placement is undertaken within industry to utilise skills developed. In Year 4, students complete a dissertation in construction project management.

What will I study?

Year 1

- Principles of Construction
- Graphical Communication and CAD
- Interpersonal Transferable Skills
- Applied Construction Technology
- Domestic Construction Technology
- Surveying
- Information and Communication Technology

Year 2

- Complex Domestic Construction Technology
- 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
- Development Appraisal and Economics
- Corporate Management
- Planning and Programming
- Contracts and Dispute Resolution
- Project Management and Control
- International Construction
- Lean Principles and Quality Management
- Dissertation
- Digital Construction Technology



4 Years



32 Places



Work Placement



Standard Entry Requirements



313 (Level 8 2021)



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Career Opportunities

Construction project managers are in considerable demand, therefore graduates from this degree are much sought after by employers. 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 through ATU or through 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 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

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 the programme webpage.

Professional Accreditation



Advanced Wood and Sustainable Building Technology

Programme Description

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.

What will I study?

Year 1

- Applied Construction Technology 1
- Principles of Construction
- Graphical Communication and CAD 1
- Surveying 1
- Interpersonal Transferable Skills
- Applied Construction Technology 2
- Domestic Construction Technology
- Graphical Communication and CAD 2
- Surveying 2
- Information and Communication Technology

Year 2

- Applied Construction Technology with Advanced Manufacturing 1
- Complex Domestic Construction Technology
- Project Design and Management
- BIM Fundamentals
- Construction Measurement and Management
- Applied Construction Technology with Advanced Manufacturing 2
- M&E Construction Technology
- ICT for Construction
- BIM Advanced
- Health and Safety Management 1

Year 3

- Applied Construction Management 1
- Industrial Buildings - Construction Technology
- Building Analysis and Adaptation
- Health and Safety Management 2
- BIM MEP
- Applied Construction Management 2
- Commercial Buildings - Construction Technology
- Construction Planning and Management
- BIM Collaboration
- Work Placement

Special Features

We ensure we stay ahead of the latest advancements in construction by 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 programme, real-life practical projects are used to reinforce the theory, culminating with a major practical project. Students will 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.

Career Opportunities

Graduates of this programme 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 honours degree in Construction Project Management and Applied Technology in ATU, or to other related programmes. Level 8 graduates may progress to postgraduate studies in ATU or other third-level institutions.

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 at ATU Sligo.



3 Years



32 Places



Work Placement



Standard Entry Requirements



217 (Level 7 2021)



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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



Applied Construction Technology

Programme Description

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 will 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. Graduates from the programme will be ideally placed to take advantage of the growing opportunities in the construction sector nationally and internationally.

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

Special Features

Students will 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 will prepare 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 Level 7 degree in Advanced Wood and Sustainable Building Technology in ATU after which they may progress to the Level 8 degree in Construction Project Management and Applied Technology in ATU. Graduates can also pursue studies at other third-level institutions.



2 Years



32 Places



Standard Entry Requirements



160 (Level 6 2021)



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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.

Electronics and Self-Driving Technologies

Programme Description

Our Electronics and Self-Driving Technologies degree prepares students to work in rapidly changing technology environments, in areas such as robotics and autonomous systems, computer vision, machine learning and extended realities. Electronics technology is incorporated into almost every aspect of our daily lives. It has led to the invention and enhancement of consumer technology, mobile phones, medical devices, computers, intelligent agriculture, musical equipment and entertainment. This innovative degree provides students with the skills required to invent the next generation of electronic devices for all sectors and applications. Not only that, but graduates will also have the engineering and electronic design skills to pursue a career in the exciting new chapter of automotive and robotic technologies.

Special Features

This degree brings together interdisciplinary concepts such as electronics design, artificial intelligence, robotics and augmented reality. The mix of theory and practical provides students with an understanding of the multidisciplinary engineering concepts required to progress future design areas. A six-month work placement is built into the degree and takes place during the second half of Year 3. Students can also apply to complete their work placement abroad.

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

- Procedural Programming
- Control Systems
- Analog Electronics
- Digital Electronics
- Introduction to Networks
- Embedded Systems
- Data Communications
- Mathematics

Year 3

- Work Placement
- Object Oriented Programming
- Image Processing
- Digital Signal Processing
- Software Engineering
- Data Analytics and Visualisation
- Mathematics
- Sustainable Vehicle Technologies
- Six Sigma 2 Statistical Control

Year 4

- Vehicle Cybersecurity and V2X
- Computer Vision
- Digital Signal Processing
- Principles and Practice of Extended Realities
- AV Sensor Systems
- Startup Engineering
- Embedded Systems
- Deep Learning for Computer Vision
- Robotic Path Planning
- Project 400

Career Opportunities

The autonomous and robotic market within Ireland and internationally is expected to reach \$54.23 billion by 2026 meaning graduates from this degree will be in very high demand. Graduates can work as an engineer in a wide variety of roles. Although primarily directed at robotics and autonomous systems, many of the skills gained from this degree (machine learning, pattern detection, computer vision, extended realities) are highly sought after for R&D roles in industries including medical, agricultural and high-volume manufacturing. Companies such as Intel, Analog Devices, Abbott and Medtronic all regularly hire our graduates.

Further Study Options

Electronics and Self-driving technologies is the recommended direct route to ATU's Level 9 Master of Engineering in Connected and Autonomous Vehicles. Both programmes were developed by German and Irish Industry to ensure they are exactly what is required in today's market.



4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**

- Min H5 in Maths



Erasmus+



397 (Level 8 2021)



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Common Entry

We have 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.

Did You Know?

Silicon Republic described Ireland's west coast as being in the driving seat when it comes to autotech, and ATU as a leader of autonomous driving education. Valeo, Aptarus, General Motors and Jaguar Land Rover are just some of the companies located in Ireland within this exciting industry.

Professional Accreditation

Accreditation from Engineers Ireland for Chartered Engineer is expected after the first cohort of graduates.



2/3/4 Years



25 Places



Work Placement



Standard Entry Requirements



316 (Level 8 2021)
299 (Level 7 2021)
254 (Level 6 2021)



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Computing

Programme Description

In the first year of study, students learn about the core foundations in key computing disciplines. From Year 2 onwards, students have a choice of what modules they study and can choose from disciplines including software, cyber security, cloud computing and networking. 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 developed during this programme.

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
- Cloud Computing
- Object Oriented Development
- Introduction to Database management
- Introduction to Cloud Computing

Additional elective modules are available

Year 3 (Level 7 & 8)

- Professional Development
- Work Experience
- Project 300

Additional elective modules are available

Year 4 (Level 8)

- Strategic Technology Management
- Startup Engineering
- Project 400

Additional elective modules are available

Special Features

We particularly encourage critical-thinking skills in students. This ensures ongoing professional career and lifelong learning development for our graduates. 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

Students have the choice to exit after two, three or four years of study with an award if they obtain the required grades. Level 6 graduates may progress to a Level 7 ordinary degree. Level 7 graduates may progress to a Level 8 honours degree. Graduates from our Level 8 degree may pursue postgraduate studies at ATU or in 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.

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.

Quick Fact

New high-tech computer teaching labs will open in 2023 which will give students access to the latest advancements in technology.

Professional Accreditation



Computer Networks and Cyber Security

Programme Description

This programme focuses on the infrastructure that powers the movement of data about the internet. 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 ecosystem 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.

Special Features

Based on discussions with industry experts, we have embedded a series of key skills in this programme. 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. Our two dedicated labs with networking equipment allow students to build a model infrastructure solution to support high-speed communication.

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
- Cloud Storage Infrastructures
- Infrastructure Security Testing
- Converged Networks
- Advanced Network Design
- AWS Academy Cloud Architecting (ACA)

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.

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.

Further Study Options

Level 7 graduates may exit after three years with a BSc in Computer Networks and Cyber Security, or they may progress to the final year of the Level 8 BSc (Hons) in Computer Networks and Cyber Security. Level 8



3/4 Years



30 Places



Work Placement



Standard Entry Requirements



Erasmus+


336 (Level 8 2021)
262 (Level 7 2021)


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graduates may progress to ATU's MSc in Computing or may continue their studies in other third-level institutions.

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 estimate a global shortfall of between 1.8 and 3.5 million security professionals within five years. This has resulted in huge job opportunities and excellent graduate salaries.

Professional Accreditation

This programme is mapped to professional industry qualifications in the areas of CompTia A+, Cisco CCNA, Microsoft Server and AWS certifications.

Software Development

Programme Description

This programme gives students the coding and communication skills which enable them to be integral members of the growing worldwide software technology sector. The software industry is strong, providing specialist employment, with Ireland an important centre for localisation. We constantly re-assess our degree content to keep apace of emerging platforms and industry trends. This programme takes into account the specific requirements of the global software industry and what it expects from graduates.

Special Features

This degree was the first to teach Microsoft .NET technologies. The lecturers on the programme 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 will also undertake a work placement in Year 3. Over 70% of our students gain employment directly from their work placement.

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

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 €16billion of exports annually. Graduates of this degree 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 a BSc in Software Development, or they may progress to the final year of the Level 8 BSc (Hons) in Software Development. Level 8 graduates may progress to ATU's MSc in Computing, MEng in Connected and Autonomous



3/4 Years



24 Places



Work Placement



Standard Entry Requirements



Erasmus+



310 (Level 8 2021)
279 (Level 7 2021)



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Vehicles or may continue their studies in 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?

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. A link to the latest edition of the expo catalogue can be found on our Software Development programme webpage.



Aoife Egan

BSc (Hons) in Software Development

The common first year across all computing programmes in ATU Sligo is amazing. I wasn't sure what area of computing to specialise in, so this helped confirm my choice. I really enjoyed the hands-on approach of this degree. The programming, machine learning, UX/UI and AWS Cloud modules were some of my favourites. Through real life projects we got to work with the technologies we were learning about in class.

Work placement has been pivotal in my success to date as I gained experience in developing code for projects and products. Continuous learning and being able to adapt are also major skills I developed during my studies. These are very important as technology is always evolving. I now work as a Cloud Support Engineer for Amazon in Dublin.



3 Years



30 Places



Work Placement

Standard Entry
Requirements

271 (Level 7 2021)



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Games Development

Programme Description

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.

What will I study?

Year 1

- Personal Development
- Computer Systems
- 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

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 laboratory and peripheral hardware are just some of the features of the programme that allows students to flex their creativity and gain first-hand experience. We also focus on developing students' soft skills such as teamwork and communication. These skills are increasingly important to employers.

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.

Further Study Options

Graduates may progress to the final year of the Level 8 BSc (Hons) in Software Development. Level 8 graduates may progress to ATU's MSc in Computing or may continue their studies in other third-level institutions.

Did You Know?

Work has commenced on a new €1.9million gaming hub in Sligo which will help entrepreneurs start and scale innovative gaming businesses. The hub is expected to 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.

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.

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.

Creative Design

Programme Description

This programme gives students 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. Students are given real opportunities to work with companies and other outside bodies to develop essential innovative and technical skills. Our graduates are designing cars, apps, medical devices, and are working in design areas such as graphics, electronic products, start-ups and more.

Special Features

Students have the option of work placement in Year 3, which includes the opportunity to take part in an international student exchange programme. In the final year of the degree, students produce their final project. This is exhibited to the public at ATU Sligo's annual YAADA Showcase. Students also enter national and international design competitions, with students regularly winning awards for their innovative designs.

What will I study?

Year 1

- Product Design Core Skills
- Professional Practice
- Communication Skills
- 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
- 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

Career Opportunities

A 2020 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. 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 three years of study with a BA in Creative Design if they obtain the required grades or they may progress to the final year 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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**

- Maths not required



Erasmus+



332 (Level 8 2021)
160 (Level 7 2021)



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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.

Architecture

Programme Description

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. 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. Our ambition is to impress upon our students their role in contributing to society as a new generation of architects for this region and beyond.

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 the core element of the programme and makes up over 50% of the programme for each of the five years, with students working in dedicated design studio spaces.

Architecture design studio is the core element of the programme 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 degrees, and students create a portfolio of design work by the end of the programme.

Students regularly participate in national exhibitions and design competitions. Also, annual field trips to European cities exposes students to a variety of forms of architecture and design.

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.



5 Years



45 Places

Standard Entry
Requirements **plus**

Erasmus+

**403** (Level 8 2021)

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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
- Architecture 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
- Advanced Representation 1
- Research and Engagement: Introduction to Region
- Advanced Architectural Technology 2
- Research and Engagement: Dissertation
- Research and Engagement: 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

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.

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.

Interior Architecture and Design

Programme Description

Interior architecture and design explores the interaction between people and the spaces they inhabit. Through re-imagining 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.

Special Features

Students learn how to think creatively, and develop specialist skills: from sketching, drawing and model making to observational and critical thinking skills; students study materials and their properties and develop digital skills through use of industry specific software.

An annual field trip to a European design capital forms part of the curriculum and is, where possible, linked to a visit to an international design week event or design industry fair. Students work on a wide variety of projects including collaborations and community projects and engage in international design competitions and exhibitions.

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
- Architecture Technologies and Environment
- Yeats Academy Creative Interdisciplinary Practice
- Digital Media: SketchUp and Revit and Advanced Design Representation
- 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

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.



4 Years



20 Places



Work Placement



Standard Entry Requirements



Erasmus+



359 (Level 8 2021)



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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 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).



Interior Architecture and Design

Programme Description

Interior architecture and design is a profession that explores new ways to create inspiring interiors within our built environment, through re-use and re-imagination of our built heritage. This programme 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 and elements of the studio project; students engage in practical work and are continuously assessed through design projects and assignments, with feedback given throughout the process. There are no formal exams at the end of each semester, which allows students to learn through making and thrive in a risk-free environment.

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

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

- Interior Architecture Studio
- Architecture Technologies and Environment
- Yeats Academy Creative Interdisciplinary Practice
- Digital Media: SketchUp and Revit and Advanced Design Representation
- Environmental Psychology for Design
- Energy and Interior Environment
- Professionalism and Communication for Design

Special Features

Our dynamic studio explores diverse design projects including residential, hospitality, cultural and community typologies, through conservation, restoration, furniture and lighting design and much more. Collaborative projects and projects with real life clients are also part of our programme. Students enjoy one-to-one contact time with tutors in dedicated studio spaces. Each year our students take part in national and international exhibitions and design competitions.

Career Opportunities

Graduates work as interior architects, interior designers in interior and architectural practices or as specialist designers in retail, branding, hospitality design, contract interiors and point of purchase design. There are also opportunities in exhibition design, TV and film, lighting, visualisation and 3D modelling.

Further Study Options

Graduates may progress onto the final year of our 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.



3 Years



20 Places



Work Placement



Standard Entry Requirements



222 (Level 7 2021)



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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 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).



Fine Art

Programme Description

Studying fine art encourages students to develop individual ways of thinking and of 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.

Special Features

Students are equipped with the practical skills, knowledge and intellectual resources necessary for a rewarding career in the arts. Contemporary and historical art practices are examined through a series of lectures, seminars and written assignments. As students progress through the degree, there is an increasing emphasis on individual research and outcomes. 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.

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

- Photography
- Drawing - Expanding Applications
- Painting - Process and Concepts
- 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

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 three years with a BA in Fine Art, or progress to the final year of our 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. CAO points are a combination of academic results and the digital portfolio. Applicants are expected to have ten pieces



3/4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**

- Portfolio / Interview
- Maths not required



Erasmus+



501* (Level 8 2021)
375* (Level 7 2021)



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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.

(*The CAO points listed are a combination of academic results and a digital portfolio)

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 Fine Art programme webpages.

We offer a broad range of modules in the first two years, with students specialising in the later part of the degree. They may focus on one discipline if they wish and are equally confident should they choose to mix disciplines.



Nicole Dolan

BA (Hons) in Fine Art

I was always artistic but had only painted before I started the Fine Art degree in ATU Sligo. The degree gave me the opportunity to study many different mediums of art from photography and ceramics to print, drawing and painting. This enabled me to learn new artistic skills and develop the ones I had even further.

The freedom to create has helped shape me as an artist. Especially in the final year, it was like being a practicing artist in a studio yet having lecturers to advise you throughout the process. The trip to Berlin in third year and the opportunity to interact with practicing artists and industry experts were just some of the many highlights. My long-term goal is to become a secondary school art teacher. I am currently studying a Professional Master of Education (PME) in Art and Design in UCC.

Performing Arts

Programme Description

This programme is unique in Ireland, offering tuition to Level 8 in the linked fields of acting/performance 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. Our close relationships with The Abbey Theatre (Dublin), the Blue Raincoat Theatre Company, The Model Arts Centre and the Hawk's Well Theatre allows our students access to rehearsals, technical departments, work placements, backstage and more.

Special Features

A Year 3 work placement allows students to create industry contacts and gain first-hand professional experience. Work placements take place in a variety of settings including schools, radio stations, arts centres and theatre companies. Work placement locations have been across Europe and the United States, including companies such as CBC Television.

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 Normal People, Orange is the New Black, Game of Thrones, The Queens Gambit, The Young Offenders, Finding Joy and on Broadway and West End productions.

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

- 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.

Further Study Options

Graduates may progress to the Level 9 Master of Arts in Creative Practice at 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.

 **4 Years**
 **32 Places**
 **Work Placement**
 **Standard Entry Requirements plus**

- Garda Vetting
- Maths not required

 **Erasmus+**
 **341 (Level 8 2021)**
 **cao.sligo@atu.ie**

Quick Fact

A new €17million creative teaching hub in ATU Sligo will open in 2023 and have state-of-the-art performance facilities which include two large black box theatres/studios, production design studios, costume design studios, computer-aided design and fabrication studios, and dance/rehearsal spaces.

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.



3 Years



24 Places



Work Placement



Standard Entry Requirements plus

- Garda Vetting
- Maths not required



Erasmus+

**204 (Level 7 2021)**

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Performing Arts (Acting)

Programme Description

This degree provides graduates with the skills to work as actors in theatre, film and television. Coursework includes skills classes, workshops, masterclasses from industry professionals and performances in a range of theatres and settings. Students are introduced to the main acting genres, learning vocal and movement skills and how to create characterisation. Our students not only develop as a creative individual but learn to be part of an ensemble too. This programme has been endorsed by industry with a big emphasis on practical learning.

What will I study?

Year 1

- Visual Literacy
- Performance Analysis
- Introduction to Acting
- Voice and Movement
- Design for Performance – Costume and Scenography
- Greek Theatre
- Studio Skills
- Directing
- Actors Work on Text
- Digital Media for Performing Arts

Year 2

- Visual and Material Culture
- Stage Management
- Acting Techniques and Styles
- Voice and Movement
- Facilitation and Drama
- Directing
- Culture Performance and Representation
- Physical Theatre
- Playing Heightened and Poetic Text
- Devised Theatre

Year 3

- Postmodern Performance
- Live Art and Performance
- Directing
- Voice and Movement
- Playing to an Audience
- Performing Arts Portfolio of Experience

Special Features

This programme has partnered with Debrecen University in Hungary where our acting students go for two weeks of masterclasses in voice, movement and acting.

A new €17million creative teaching hub in ATU Sligo will open in 2023 and have state-of-the-art performance facilities which include two large black box theatres/studios, production design studios, costume design studios, computer-aided design and fabrication studios, and dance/rehearsal spaces.

Career Opportunities

There is a strong demand for qualified 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.

Further Study Options

Graduates may progress to the final year of our honours degree in Performing Arts after which they can 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.

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 individuals and also learn how to be part of an ensemble.

Performing Arts (Theatre Design)

Programme Description

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 in our Black Box Theatre are all important elements of this degree.

What will I study?

Year 1

- Introduction to Drama and Literature
- Literature - The Critical Voice
- Introduction to Acting
- Voice and Movement
- Studio Skills for Performing Arts
- Introduction to Set Design
- 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
- Modernism in Drama and Literature
- Facilitation and Drama
- Directing
- Introduction to CAD for Theatre Design
- Digital Media for Performing Arts

Year 3

- Live Art and Performance
- Directing - Postmodern Theatre
- Postmodernism in Drama and Literature
- Costume Design for Stage and Screen
- CAD for Theatre Design: 3D Modelling
- Lighting Design and Digital Theatre
- Creative Writing Practice
- Theatre Design for Production

Special Features

Students can apply for a six-month Yeats Design Residency at the Abbey Theatre in Dublin. This programme 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.

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 a 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.

Further Study Options

Graduates may progress to the final year of our honours degree in Performing Arts after which they can pursue a range of Masters and PhD options, such as the MA in Creative Practice in ATU.

Did You Know?

A new €17million creative teaching hub in ATU Sligo will open in 2023 and have state-of-the-art performance facilities which include two large black box theatres/studios, production design studios, costume design studios, computer-aided design and fabrication studios, and dance/rehearsal spaces.



3 Years



15 Places



Erasmus+

Standard Entry Requirements **plus**

- Garda Vetting
- Maths not required



205 (Level 7 2021)



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Quick Fact

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, prepare a portfolio of work and 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.

Writing and Literature (On Campus or Online)

Programme Description

This programme focuses on developing skills in fiction, non-fiction, poetry, screenwriting, playwriting, cultural journalism and other forms. Coursework is anchored by a focus on the processes of creative and critical writing along with a detailed study of literature, drama and film. The programme is delivered through interactive workshops, seminars and field trips. Visiting lecturers include novelists, poets, screenwriters, playwrights, podcasters, journalists, editors, agents and publishers.

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

Special Features

Students develop a portfolio of writing over the three years working across different genres/media and will 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 programme 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.



3 Years



32 Places


Standard Entry Requirements plus

- Garda Vetting
- Maths not required
- Portfolio / Essay


**308 (On Campus
Level 8 2021)**
**327 (Online
Level 8 2021)**


cao.sligo@atu.ie

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 webpage.

Mature students may be asked to provide a sample essay for assessment as part of their application to this programme.



2/4 Years



24 Places

Standard Entry
Requirements

Work Placement

**358** (Level 8 2021)
160 (Level 6 2021)

cao.sligo@atu.ie

Science (General Entry)

Degree Award Options:

- Environmental Science with Ecology
- Occupational Safety and Health
- Biomedical Science
- Pharmaceutical Science with Drug Development

Programme Description

Our General Entry Science programmes are an excellent choice for students who wish to study science but are unsure about which area they want to specialise in. The programmes build a core foundation in key science disciplines. Students try out a variety of science subjects during Year 1 and are given advice throughout to help guide them before selecting which specialised area they wish to pursue from Year 2 onwards. Students choose one of the following specialised subject areas: Environmental Science with Ecology; Occupational Safety and Health; Biomedical Science or Pharmaceutical Science with Drug Development.

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 Medical Biotechnology [E]

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
- Soils and Environment
- Wastewater Enquiry Based Learning
- Sustainable Futures

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

Occupational Safety and Health

Year 2

- Hazard and Risk Control
- Electricity, Machinery and Fire Safety
- 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
- 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

- EHS Management Systems and Auditing
- Behavioural Based Safety Programs
- Ergonomics
- Project Management for OSH professionals
- Regulatory Affairs
- Training and Development
- EHS Management Systems Project



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
- Legislation, Quality & Auditing Systems
- Implant Biocompatibility
- Immunodiagnostics
- Microbial Biotechnology
- Advanced Therapy Medicinal Products

Year 4

- 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 Pharmacology
- Drug Structure
- Compliance Auditing & Validation

Special Features

We place a big emphasis on practical skills. Students will spend almost 50% of their time in labs or outdoors in the environment if they choose Environmental Science with Ecology. Students will have access to state-of-the-art, industry-spec equipment. Small class sizes ensure students always have their own lab space and are fully supported by our expert academic staff throughout their learning.

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.

Common Entry

Students enjoy the flexibility to choose their speciality after one year with this common entry programme. It allows students to discover more about the many aspects of science to help identify the best fit for them.

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.

Environmental Science with Ecology

Programme Description

Learn about the environment and the natural world around us in an applied way and make a difference to the future of our planet. Our Environmental Science with Ecology programmes equip students with the skills to manage our manmade and natural resources. With a mix of outdoor fieldwork, high-tech laboratory experiments, computer mapping, site visits and classroom activities, students gain a range of skills to thrive in industry, in local authorities and agencies. The environment, climate change and the drive towards sustainability has never been more important. Our students can help drive that change.

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 the course work 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.

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

Year 2

- Aquatic Ecology
- Water Quality
- Environmental Regulation
- Environmental Enquiry Based Learning
- Climate Science
- Terrestrial Ecology
- Introduction to Geographic Information Systems
- Soils and Environment
- Wastewater Enquiry Based Learning
- Sustainable Futures

Year 3 (Level 7 & 8)

- 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

Career Opportunities

Graduates have many career opportunities. They are needed in industry, environmental and ecological consultancies, local authorities, Irish Water and in state agencies e.g. 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

Students have the choice to exit after two, three or four years of study with an award if they obtain the required grades. Level 6 graduates may progress to a Level 7 ordinary degree. Level 7 graduates may progress to a Level 8 honours degree in Environmental Science with Ecology.



2/3/4 Years



32 Places



Work Placement



Standard Entry Requirements



Erasmus+



310 (Level 8 2021)
253 (Level 7 2021)
388 (Level 6 2021)



cao.sligo@atu.ie

Professional Accreditation





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 have been accepted onto the Erasmus+ programme and will spend the majority of third year studying at Mid-Sweden University. I am looking forward to immersing myself in a new culture and learning about the environment in the most sustainable country in the world.

Occupational Safety and Health

Programme Description

This programme gives students the knowledge and skills 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. Students will learn how to prepare, implement and monitor safety management systems in the workplace. 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 the assessments to mirror what graduates will encounter in the workplace. Our students enter the workplace confident and competent in their abilities to work in teams as well as on their own.

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 complete a five-month work placement.

In second year, 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.

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

Year 2

- Hazard and Risk Control
- Electricity, Machinery and Fire Safety
- 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
- 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



3/4 Years



24 Places



Work Placement



Standard Entry Requirements


307 (Level 8 2021)
243 (Level 7 2021)


cao.sligo@atu.ie

Career Opportunities

Graduates work as safety advisors, health and safety officers, safety training consultants, site safety officers and safety coordinators in a wide range of sectors including pharmaceuticals, chemicals, electronics, the food and beverage sector, mining, construction, commercial, wholesale, transport, retail and in the health sector. They also work in the public sector.

Further Study Options

Level 7 graduates may progress to the one-year, add-on 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 at ATU or other Higher Education Institutions.

Did You Know?

Our programmes are accredited by IOSH, the world's largest membership organisation for health and safety professionals. This is an international accreditation that qualifies students to take up a career as a health and safety advisor/manager in any type of industry anywhere in the world.

Professional Accreditation



Pharmaceutical Science with Drug Development

Programme Description

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. The overall philosophy of the programme is to produce 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. These programmes provide students with a broad but thorough background in the chemical, biological, and technological disciplines as they relate to the study of medicinal products.

Special Features

These applied multidisciplinary programmes allow 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.

Students get the opportunity to apply for an Abbott Excellence & Science Award, where students can get an internship and valuable 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 Pharmacology
- Drug Structure
- Compliance Auditing and Validation



3/4 Years



32 Places



Work Placement



Standard Entry Requirements


357 (Level 8 2021)
287 (Level 7 2021)


cao.sligo@atu.ie

Career Opportunities

Graduates work in a diverse range of roles in the pharmaceutical, biopharmaceutical, biomedical, and medical device sectors, including legislation/ regulatory affairs, formulation, analysis, validation, production, and quality systems.

Did You Know?

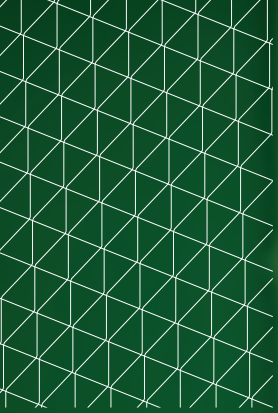
Ireland is now the third-largest exporter of pharmaceuticals globally. The industry employs 30,000+ people, and there are more than 85 pharmaceutical companies in Ireland, including 19 of the top 20 global companies.

Level 8 students benefit from a work placement in Year 3 where they can apply their learning and skills using industry-spec equipment across a range of world-leading companies.

Further Study Options

Students may exit after three years of study with a BSc in Pharmaceutical Science with Drug Development if they obtain the required grades. Level 7 graduates may progress on to Year 4 of the BSc (Hons) in Pharmaceutical Science with Drug Development at ATU Sligo. Graduates from our Level 8 degree can pursue a wide range of Level 9 and 10 postgraduate programmes at ATU or at other third level institutions.

ATU Sligo holds an agreement with the Royal College of Surgeons in Ireland (RCSI) where graduates can also progress onto their pharmacy degree.



Alannah McGrory

BSc (Hons) in Pharmaceutical Science with
Drug Development

I love the 50-50 split between theory and practical lab work in this degree. For example, you might be in a theory class learning how a reaction between raw materials will result in a white powder drug. Then you step into the lab and get to make this white powder drug. It really helps to understand everything you were taught in the theory class.

The lecturers on the degree have worked in industry and offer brilliant insights into career paths. The modules also relate directly to numerous areas of the industry. During my studies I secured an Abbott Internship and worked in their Business Excellence Department for one year. Shortly after my final exams I was offered a full-time position in the company. I now work as an Associate Quality Professional.



Biomedical Science

Programme Description

Biomedical Science is principally focused on the diagnosis and therapeutic treatments for detection and prevention of medical disorders. Through study of the science underpinning the origins, diagnosis, and treatment of medical conditions, graduates of this programme are equipped with highly sought-after knowledge and skills. Not only do students get a strong foundation in biology, chemistry, physics and mathematics and core biomedical disciplines, they are also exposed to the applications of innovative new diagnostic and biopharmaceutical processes, medical devices and technologies, and their direct application in research the global bioindustry today.

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
- Legislation, Quality and Auditing Systems
- Implant Biocompatibility
- Immunodiagnostics
- Microbial Biotechnology
- Advanced Therapy Medicinal Products

Year 4 (Level 8)

- 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

Special Features

This programme gives students access to the latest industry innovations and advancements, developing skills needed to gain employment in the global biotechnology, biopharmaceutical, diagnostics and medical device industries in Ireland and abroad.

Unique and interactive teaching methods are used throughout the programme, including the use of enquiry-based learning, industrial workshops, and visits to industries and employers. We also understand the importance of transferrable skills including teamwork, communication, problem solving, data presentation, information sourcing and scientific technical writing which enhances employability and expand student knowledge and understanding of the sector.

Quick Fact

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.

Career Opportunities

Graduates from this programme 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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements


315 (Level 8 2021)
260 (Level 7 2021)


cao.sligo@atu.ie

Further Study Options

Students may exit after three years of study with a BSc in Biomedical Science if they obtain the required grades. Level 7 graduates may progress to Year 4 of the Level 8 BSc (Hons) Biomedical Science programme. Level 8 graduates may progress to Level 9 Masters of Science or Level 10 PhD doctoral studies, pursuing research and/or careers in the public or private sectors.

Did You Know?

In Year 4 focus moves to the biopharmaceutical industry. Students complete a research project on a specific area of interest. Demand for our graduates is extremely high from the growing global bioindustry in Ireland who value the quality and skills of our students.

Forensic Investigation and Analysis

Programme Description

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.

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 practicing 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; work experience; expert witness training and activities to enhance communication skills.

What will I study?

Year 1

- Biology
- Chemistry
- Physics
- Mathematics for Science
- Learning for Forensic Science
- Forensic Science and Law
- Information Technology

Year 2

- Microbiology
- Biochemistry
- Organic Chemistry
- Crime Scene Investigation
- Analytical Chemical Techniques
- Theory
- Forensics Chemistry
- Physical Chemistry
- Communication for Scientists
- Data Processing, Molecular Graphics and Instrumentation
- Inorganic and Classical Analysis

Year 3

- Statistics for Scientists
- Quality Systems
- Human Genetics
- Spectroscopy and Atomic Spectrometry for Forensic Analysts
- Forensics Chemistry
- Molecular Biology
- Research Skills for Analytical Scientists
- Immunodiagnostics with Forensics Applications
- Separation Science for Forensics
- Laboratory Computing and Instrumental
- Advanced Chemistry

Year 4 (Level 8)

- Forensics Molecular Biology
- Research Project
- Industry Work Placement
- Forensics Chemical Analysis
- Crime Scene Management
- Analytical Toxicology
- Forensic Evaluation and Court
- Environmental Forensics



3/4 Years



25 Places



Work Placement



Standard Entry Requirements


308 (Level 8 2021)
252 (Level 7 2021)


cao.sligo@atu.ie

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 the pharmaceutical industry such as Abbott, AbbVie or Coca-Cola.

Further Study Options

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 course 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.

Professional Accreditation


 The
Chartered
Society of
Forensic
Sciences



3 Years



32 Places

Standard Entry
Requirements

387 (Level 7 2021)



cao.sligo@atu.ie

Health and Medical Information Science (Online)

Programme Description

This three-year Level 7 degree is delivered fully online through blended learning techniques and will equip students with an applied understanding of health informatics, eHealth, health statistics and data programming, medical data management and systems evaluation, as well as a range of other subjects to facilitate a broader understanding of healthcare management, delivery and audit. Students will learn how to understand, manage and analyse health data to improve patient outcomes and present solutions to inefficiencies in healthcare delivery.

Special Features

Graduates from this programme will have a strong grounding in all areas of healthcare systems delivery, management, audit and evaluation, governance, and regulatory principles. They will also have the data-analysis skills necessary to critically appraise areas of process inefficiency and develop alternative frameworks for enhancing outcomes. These skills are needed globally as pandemics such as COVID-19 and cyber-attacks on health services will necessitate large-scale systems audit and framework development to combat future potential threats to public health.

Programme modules are linked to real-world problems in the area of healthcare delivery and students learn how to manage and provide evidence-based solutions.

Career Opportunities

Graduates will be able to work in a variety of settings, including hospitals, long-term healthcare facilities, primary care facilities, home health agencies, insurance companies, government agencies (i.e. HSE, TULSA, HIQA, NCPE), information technology vendors, pharmaceuticals, medical devices and consultancy companies.

Studying an online undergraduate programme in Health and Medical Information Science means learning a huge range of employable skills across the wider areas of science, health and medical informatics, information and communications technology (ICT), economics, public health, philosophy, programming and data analysis.

Did You Know?

Attending lectures is made easy with our online learning environment. Log into live lectures, engage in discussions, live chat and interact with fellow students and lecturers. If unable to attend, recorded sessions are available within 24-hours, so students can watch back at a time that suits them.

Throughout their studies, students will be fully supported. These include our academic writing and maths support, disability support, careers support, access to the ATU Sligo Yeats Library 24/7 online and many more.

What will I study?

Year 1

- Introduction to Statistics in Health Science
- Introduction to Health Ethics
- Basic Computing for Health Sciences
- Cell Biology
- Healthcare Systems
- Health Promotion Practice
- Introduction to Health Informatics
- Human Anatomy and Physiology
- Essential Mathematics
- Essential Skills in Health Science

Year 2

- Information Management Systems
- Applied Health Statistics
- Fundamentals of Health Economics
- Medical Pharmacology
- Biology of Disease
- Spreadsheets: Skills and Techniques in Health Sciences
- Introduction to eHealth
- Data Visualisation
- Infectious Disease
- Clinical Biochemistry
- Big Data in Health

Year 3

- Advanced Statistical Methods for Health Research
- Applied Epidemiology
- Diagnostic Approaches in Healthcare
- Health Ergonomics and Integration
- Decision Analytic Modelling
- Legal and Regulatory Practices in Health
- Data Mining
- Health Data Project
- Application in Big Data

Health Science and Physical Activity

Programme Description

Understanding and promoting an active lifestyle, proper nutrition, and the positive impact it has on people's lives, forms the basis of this degree. The programme aims to produce graduates with a strong academic base in health science disciplines related to physical activity and exercise, ideal for a student interested in pursuing a career in human health. Students will 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.

Special Features

Students will have access to state-of-the-art equipment in this hands-on programme. These include 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.

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

- 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

Career Opportunities

Graduates may 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 programme. Students acquire practical skills in core subjects in Years 1 and 2, and begin to specialise further as the degree progresses. The thesis in Year 3 and work placement in Year 4 allows students to apply their knowledge further, helping prepare them for career opportunities after graduation.



4 Years



16 Places



Work Placement



Standard Entry Requirements **plus**

- Garda Vetting



326 (Level 8 2021)



cao.sligo@atu.ie

Further Study Options

Students may progress into postgraduate programmes in various allied healthcare professions where the undergraduate competencies acquired in health science will complement the chosen career path. 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





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 to have and ones I know employers look out for. I love that after four years of study, I have a unique blend of practical skills and knowledge in a broad range of health-related fields.

There is huge diversity in the degree and the options at the end are amazing. When you graduate, you can pursue a career in a wide range of health-related areas or continue your studies. I am currently in University College Cork studying a Masters in Diagnostic Radiography.

Health Science and Physiology

Programme Description

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.

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

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 that graduates have qualifications that are recognised worldwide. Core modules in this programme 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 the voluntary and state sectors in sports development, sports science, physical activity, health promotion and health research. Private sector opportunities also exist in a wide variety of areas.

Further Study Options

Students may exit with an award after Year 2 or Year 3 of this programme. Graduates of the Level 7 may progress to the one-year, add-on BSc (Hons) in Public Health and Health Promotion or the final year of Level 8 BSc (Hons) Health Science and Physical Activity degree, subject to meeting the eligibility criteria. 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.



3 Years



32 Places



Standard Entry Requirements **plus**
• Garda Vetting



296 (Level 7 2021)



cao.sligo@atu.ie

Did You Know?

Students have access to state-of-the-art equipment in this hands on programme. These include 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 career after graduating.

Professional Accreditation





2 Years



16 Places

Standard Entry
Requirements

396 (Level 6 2021)



cao.sligo@atu.ie

Health and Exercise Science

Programme Description

This programme aims to provide graduates with an excellent foundation for many careers in the physical activity and health sector. Students will acquire a unique blend of practical skills and knowledge in a broad range of health-related fields which will enable them to make informed decisions about specialist areas for further study. This higher certificate offers a broad-based exercise science education in human anatomy & physiology, health psychology, physical activity, exercise prescription, biomechanics, and health promotion. Emphasis is placed on developing core health and exercise related skills and competencies.

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

Special Features

This programme provides graduates with a pathway to progress 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.

Our lecturers, together with our careers office, will help students with all their progression options, including references, applications, and interview support.

Further Study Options

Graduates can gain direct entry onto Year 3 of the Level 7 Bachelor of Science in Health Science and Physiology, after which they may continue to Year 4 of the Level 8 Bachelor of Science (Hons) in Health Science and Physical Activity.

Level 7 graduates can also decide to complete their studies in the Bachelor of Science (Hons) in Public Health and Health Promotion (Level 8, one-year add-on).

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 or the UK.

Did You Know?

Students will have access to state-of-the-art equipment in this hands on programme. These include 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 & specialists and a BodPod, which is the gold standard testing technique to measure body composition.

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.

Human Nutrition

Programme Description

Human Nutrition at ATU Sligo 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 will study basic sciences, food science, food product development, physiology, biochemistry and psychology and will graduate with the skills to work as a nutritionist or a food scientist across a broad range of disciplines and sectors. As the programme progresses, students will select a specialised subject, including advanced nutrition, public health nutrition, sports & exercise nutrition and clinical nutrition.

Special Features

Graduates from our honours degree are eligible for direct entry as registered associate nutritionists with the Association for Nutrition (AfN, AC289).

A four-month work placement takes place in food-related industries, academia, health promotion, public health agencies, in hospitals and with sports nutritionists in Ireland or abroad.

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

Career Opportunities

Graduates will be able to use the experience and knowledge gained in this programme to work in food/nutrition-related industries 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

Students have the choice to exit after three years of study with an award if they obtain the required grades. Level 7 students can progress to Year Four of the Level 8 BSc (Hons) Human Nutrition. Graduates from our Level 8 degree can pursue a wide range of Level 9 and 10 postgraduate programmes in ATU or at 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.



3/4 Years



32 Places



Work Placement



Standard Entry Requirements **plus**
• Garda Vetting



Erasmus+



376 (Level 8 2021)
299 (Level 7 2021)



cao.sligo@atu.ie

Did You Know?

Level 8 students complete a research project in Year 4. Topics include public health nutrition, clinical nutrition and sports nutrition. In the past students papers have included behaviour change techniques to improve gluten-free diet adherence in people with coeliac disease, nutritional design during cancer treatment to maximise therapeutic impact and minimise side effects, 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.

Professional Accreditation



Accreditation No. AC289



4 Years



16 Places



Work Placement

Standard 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



NEW Programme



cao.sligo@atu.ie

Clinical Measurement Physiology

Programme Description

Clinical measurement physiologists are healthcare professionals, part of the interdisciplinary team working directly with patients performing, reporting and acting on diagnostic tests and investigations. The aim of this programme is to allow students to gain the qualification, skills and competencies to enter the healthcare workforce as a clinical measurement physiologist.

Special Features

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.

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 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

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.

Quick Fact

This programme was developed in collaboration with the professional body for Clinical Measurement Physiologists, the Irish Institute of Clinical Measurement Physiology. It will prepare students to work in an exciting and developing field of healthcare.

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.



ATU

Sligo

St. Angela's

OTA Coláiste San Aingeal



Over 1,600 students study full-time, part-time or online with ATU Sligo 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 student nurses 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

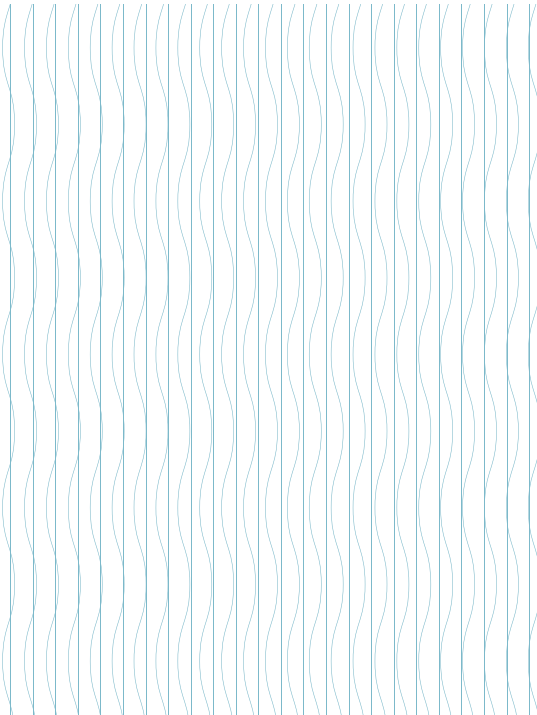
Located in Áras Michael and overlooking Lough Gill, the McKeown Library provides an important intellectual and social space. The service comprises of a physical library, an online library and a knowledge resource. This includes a collection of more than 40,000 volumes which is continuously updated.

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 Sligo St. Angela's.

Programme Listing

Page	Programme
295	BEd (Hons) in Home Economics and Biology
297	BEd (Hons) in Home Economics and Religious Education
298	BEd (Hons) in Home Economics and Irish
299	BEd (Hons) in Home Economics
300	BSc (Hons) in Nutrition, Food and Business Management
301	BA (Hons) in Home Economics
302	BSc (Hons) in General Nursing
304	BSc (Hons) in Intellectual Disability Nursing





4 Years



40 Places

**Standard 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



Erasmus+



542 (Level 8 2021)



Kevin McGlynn
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Home Economics and Biology

Programme Description

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.

What will I study?

Year 1

- Education Studies I
- General Pedagogics
- Subject Specific Pedagogics: Home Economics
- Subject Specific Pedagogics: Biology
- Inclusive Teaching and Learning
- School Placement I
- Food Nutrition and Skills: Theory and Practice
- Introduction to Textiles and Design
- Family Resource Management: Home Economics Theory and Practice
- Botany
- Animal Diversity
- Human Anatomy and Physiology 1

Year 2

- Education Studies 2
- Subject-Specific Pedagogics
- General Pedagogics and Inclusive Teaching & Learning
- School Placement 2
- Food Studies: Food Science and Nutrition
- Family Resource Management: The Family Home – Interior and Textiles Design
- Human Anatomy and Physiology 2
- Molecular Biology: Nucleic Acids
- Biochemistry 1: Protein Structure and Function

Year 3

- Critical Perspectives in Education
- Educational Research Methods
- General and Specific Pedagogics
- School Placement 3
- Applied Food Microbiology
- Textiles, Fashion and Design
- Family Resource Management: Resource Management and Consumer Empowerment
- Ecology and Ecosystems
- Biochemistry 2: Metabolism
- Microbiology: Food and Water

Year 4

- Critical Perspectives in Education 2
- School Placement 4
- Nutrition, Diet and Health
- Home Economics Practice in Everyday Life
- Family Resource Management: Family and Society
- Environmental Biology: Global Change
- Molecular Cell Biology
- Biochemistry 3: Biochemical Basis of Human Disease

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 Leaving Certificate 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





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.



4 Years



60 Places

**Standard 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 Subjects includes: Biology, Chemistry, Physics, Physics/Chemistry or Agricultural Science.

- plus
- Garda Vetting



Erasmus+

**464** (Level 8 2021)

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Home Economics and Religious Education

Programme Description

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.

Special Features

Graduates from our honours degree are eligible for direct entry as registered associate nutritionists with the Association for Nutrition (AfN, AC289).

A four-month work placement takes place in food-related industries, academia, health promotion, public health agencies, in hospitals and with sports nutritionists in Ireland or abroad.

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.

What will I study?

Year 1

- Education Studies 1
- General Pedagogics
- Subject Specific Pedagogics: Home Economics
- Subject Specific Pedagogics: Religious Education
- Inclusive Teaching and Learning
- School Placement 1
- Food Nutrition and Skills: Theory and Practice
- Introduction to Textiles and Design
- Family Resource Management: Home Economics Theory and Practice
- Introduction to Theology
- World Religions
- Introduction to the Bible and Sacred Texts

Year 2

- Education Studies 2
- Subject Specific Pedagogics
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2
- Food Studies: Food Science and Nutrition
- Family Resource Management: The Family Home – Interior and Textiles Design
- Christianity: The Crucified God
- Theoretical Perspectives on Religious Education
- 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
- Family Resource Management: Resource Management and Consumer Empowerment
- Religious Education Research Paper
- The Sacred and the Profane: Portraits of Jesus
- 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
- Family Resource Management: Family and Society
- Philosophies of Secular Belief
- Critical Debates in Theological and Scriptural Studies
- The Call to Justice: Philosophy and Theology in Dialogue



4 Years



50 Places

**Standard Entry Requirements**

- Min H4 Irish
 - Min H5 in another subject
 - Min O6/H7 in four subjects incl. English, Maths, Home Economics or Lab Science Subject* and three other subjects recognised for entry
 - * Lab Science Subjects includes: Biology, Chemistry, Physics, Physics/ Chemistry or Agricultural Science.
- plus**
- Garda Vetting



Erasmus+

**463** (Level 8 2021)

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Home Economics and Irish

Programme Description

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.

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.

What will I study?

Year 1

- Education Studies I
- General Pedagogics
- Subject Specific Pedagogics: Home Economics
- Subject Specific Pedagogics: Gaeilge
- Inclusive Teaching and Learning
- School Placement I
- Food Nutrition and Skills: Theory and Practice
- Introduction to Textiles and Design
- Family Resource Management: Home Economics Theory and Practice
- An Gearrscéal sa Ghaeilge
- Teanga na Gaeilge 1
- Teanga na Gaeilge 2

Year 2

- Education Studies 2
- Subject Specific Pedagogics
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2
- Food Studies: Food Science and Nutrition
- Family Resource Management: The Family Home – Interior and Textiles Design
- Athbheochan na Gaeilge
- An Béaloideas agus An Fhiliocht 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
- Family Resource Management: 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
- Family Resource Management: Family and Society
- An Fhiliocht sa Ghaeilge
- An tÚrscéal sa Ghaeilge
- Teanga na Gaeilge 5

Professional Accreditation

An Chomhairle
Mhúinteoireachta
The Teaching Council



Home Economics

Programme Description

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.

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.

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: Historical Perspectives
- Education Studies 1
- General Pedagogics
- Subject Specific Pedagogics: Home Economics
- School Placement 1
- Inclusive Teaching and Learning

Year 2

- Food Studies: Food Science and Nutrition
- Family Resource Management (FRM): The Family Home – Interior and Textiles Design
- Home Economics Studies 2: Philosophical Perspectives
- Family Resource Management (FRM): Sustainable Household Ecology
- Education Studies 2
- Subject Specific Pedagogics (Home Economics)
- General Pedagogics and Inclusive Teaching and Learning
- School Placement 2

Year 3

- Food Studies: Food Microbiology, Processing and Preservation
- Nutritional and Sensory Sciences
- Textiles, Fashion and Design
- Family Resource Management (FRM): Resource Management and Consumer Empowerment
- Home Economics Studies 3: Health & Wellbeing
- 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
- Family Resource Management (FRM): Family and Society
- Home Economics Practice in Everyday Life
- Choose one of the following:
 - Nutritional Food Product Development:
 - Social Personal and Health Education
 - Textiles, Fashion and Design
 - Interior Design
 - Mindfulness and Resilience
- Critical Perspectives in Education 2
- School Placement 4

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.



4 Years



30 Places



Standard Entry Requirements **plus**

- Min H5 in two subjects
- Min O6/H7 in four subjects incl Irish, English, Maths and Home Economics
- Two other subjects recognised for entry purposes.



Erasmus+



NEW Programme



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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





4 Years



16 Places

**Standard Entry Requirements plus**

- Min H5 in two subjects
- Min O6/H7 in four subjects incl 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.



Erasmus+

**378 (Level 8 2021)**

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Nutrition, Food and Business Management

Programme Description

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.

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
- 20-week Placement
- Digital Marketing
- Operations Strategy
- Marketing Research
- Innovations in Food Processing and Preservation

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

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. 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, Good 4 U, Lakeland Dairies, Boyne Valley, Ornua, 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.

Further Study Options

Popular postgraduate pathways include a Master's in areas such as food innovation and NPD and Food Quality or Food Safety. PhD pathways are also an option.

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 €13.15bn in 2021 with further growth predicted for 2022 and beyond (Bord Bia, 2021).

Professional Accreditation

Additional certification can be achieved through programme: Basic Food Hygiene, certified by Environmental Health Officers (Health Service Executive).



4 Years



30 Places

**Standard 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



Erasmus+

**440*** (Level 8 2021)

Kevin McGlynn
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Home Economics

Programme Description

The role of a Home Economist in communities is very much established worldwide. This level 8, four-year degree (which is not an initial teacher education qualification) 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.

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 / 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

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.

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.



General Nursing

Programme Description

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.

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. The overall aim of this programme is to enable students to become nurses who are knowledgeable, insightful, questioning, skilled and caring

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

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



4 Years



60 Places



Standard Entry Requirements **plus**

- 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



Erasmus+

**440*** (Level 8 2021)

Kevin McGlynn
Admissions Officer
(Acting)
admissions@stangelas.ie

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





Asemota Ofure Joel

BSc (Hons) in Intellectual Disability Nursing

What I love about the intellectual disability nursing programme is that, from the beginning, you receive both theory and hands-on experience. I especially enjoyed the unique experiences in the community placements. ID Nursing is a career path in which there are so many avenues and opportunities to work and continue with studies. As a student nurse, you are supported by lecturers that are making an impact in the health sector. The college also has a clinical-simulated area called the Dudley Practice Area where there is a very helpful and supportive Clinical Skills Nurse who is available to support and guide students when learning new skills.



4 Years



30 Places

**Standard Entry Requirements plus**

- 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



Erasmus+

**387 (Level 8 2021)**

Kevin McGlynn
Admissions Officer
(Acting)
admissions@stangelas.ie

Intellectual Disability Nursing

Programme Description

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.

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. Students spend over half of the programme working in various areas where persons with an intellectual disability live, are educated, work and socialise. In the final year, students are working with persons with an intellectual disability in all of the settings outlined above from January to September.

Career Opportunities

Graduates can work within the community or work 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

how to apply

Conas Iarratas a
Dhéanamh





Applying to university can be stressful and daunting. The information in this section will help you get your application right so please take the time to read it. Ask your Guidance Counsellor about anything you don't understand or contact us directly. The best advice we could give you when filling out the CAO form is to list your programme choices in genuine order of preference. Make sure the programmes that most interest you are at the top of your CAO preference list. Key CAO deadlines are listed in this section for your reference so be sure to note them. It might help you to remember them if you put reminders on your phone. If you feel you may need financial assistance in university, apply for financial support as early as possible. The sooner you apply the sooner you will know if you are eligible for a grant. Applications usually open in March of each year. You can check your eligibility on www.studentfinance.ie and www.susi.ie.

Fees *Táilli*

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

Applicants from Northern Ireland can secure support to cover costs. Contact the Local Education and Library Board or visit these websites for more information:

→ www.slc.co.uk **or**

→ www.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

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.

About the CAO System

Maidir Leis an Gcóras CAO

Using a single application, you may choose up to twenty programmes - ten at Level 8 and ten at Level 6/7. To make sure you give yourself the best possible chance to get the programme you really want, list your choices in genuine order of preference in each category. Your choices on one list do not affect your choices on the other. On each round, you may receive two independent programme offers, one from each list.

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=lcpointsgrid>

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

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/H5 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 engineering. 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:

F1	20 points
F2	12 points

Bonus points for Honours Maths

Students who achieve grade H6 or better in the Higher (Honours) maths exam will receive 25 additional points. Bonus points will also apply to Honours maths results from previous years. For maths results from 2016 and earlier, applicants will need to have achieved a grade of HD3 or better to qualify for bonus points.

Qualifying Maths Programmes

ATU run qualifying maths programmes for applicants who are otherwise eligible but who do not meet the maths requirement for the programme to which they have applied. These qualifying maths programmes are usually held after the Leaving Certificate results become available. Please see the ATU website for details of times and locations.

Passing a qualifying maths programme at ATU will compensate for failure to matriculate in maths via the Leaving Cert. or equivalent school-leaving exam. Passing a qualifying maths course will not compensate for any other deficit in the entry requirements. In all cases applicants must meet the other minimum entry requirements and the current points for the programme they wish to attend.

2. QQI Level 5/6 (FETAC)

QQI Leibhéal 5/6 (FETAC)

Applicants must present a full major award at Level 5 or higher. A record achievement, a minor award or a component award will not meet the minimum entry requirement. You must have at least 120 QQI FET credits to matriculate.

Additional specific requirements apply to some programmes. For most ATU programmes we accept any QQI Level 5 award. However, for some ATU programmes, e.g. Nursing, specific QQI awards are required. For other ATU programmes you will be expected to include a specific module within your FE award – most commonly a maths module, or to have passed Maths in the Leaving Cert. For Level 8 programmes you will normally be required to have achieved at least 3 distinctions, though 5 distinctions are required for nursing programmes.

Please consult the Applicants section of the CAO website for listings of QQI/FE requirements for individual ATU programme codes, 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

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 on 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 1 week 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.

BTECs – Matriculation

BTEC Award Titles	BTEC Award Titles	Generally, Meets Matriculation for	Other
Subsidiary Diploma		Level 6/7 only	
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	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
Extended Diploma	Diploma (2010)		

BTEC Scoring

Extended Diploma	Diploma	90 Credit Diploma	Subsidiary Diploma	Points
D*D*D*				390
D*D*D				371
D*DD				351
DDD				332
DDM				293
DMM	D*D*			254
	D*D			234
MMM	DD			215
		D*D*		185
MMP	DM	D*D		176
		DD		156
MPP	MM	DM		137
			D*	117
PPP	MP	MM	D	98
		MP		78
	PP		M	59

For pre-2010 BTECs a National Certificate is the lowest acceptable award. Each module is scored, pass 1, merit 2, and distinction 3. The total score is then derived using the following formula (sum of scores/number of modules x 3) x 390.

Caveat re High-demand programmes

For some high-demand programmes there is a very limited quota of places for those presenting vocational awards, such as BTECs or QQI FET awards from the ROI. Applicants presenting standard academic awards such as A-level/GCSE combination or Leaving Certificate with good grades are likely to have a better chance of selection for high-demand programmes. For information on quota places for BTEC and QQI FET qualifications, please see the relevant programme page. To be eligible for consideration for the vocational quota your BTEC, or another vocational award, must be in a field closely allied to the programme for which you are applying.

Separate Pathways

Academic and vocational entry routes are distinct. It is not possible to add BTEC and A-level scores, just as it is not possible to add Leaving Certificate and QQI FET scores. Where restricted vocational quotas apply, results from vocational awards like BTEC/QQI FET awards are considered on Round Zero initially. Once the specific vocational quota is filled the BTEC score no longer apply

and is not considered for non-quota places. When there are more qualified BTEC/QQI FET applicants than there are quota places available, random selection from among equally qualified applicants is likely to apply for the last few places. Please see the CAO handbook for information on random selection.

Submitting Documents

Please make sure your name and CAO number are clearly marked on any documents you send to CAO. ATU begins to review non-standard applications early and will assess them on the basis of evidence to hand. If you have not submitted results in support of your application, within the standard 10-day period stipulated by CAO, you may be deemed ineligible. Once your application has been reviewed it will not normally be reconsidered. For this reason, it is important that you contact ATU directly if you submit additional supporting evidence after the standard 10-day period allowed for submission of documents has expired. If you fail to do so, late documents may be disregarded. If you are interested in high-demand programmes please ensure that all relevant results reach the CAO well in advance of the relevant round. We can only consider results that reach us at least one week ahead of the relevant round of offers.

Most offers for the vocational quota, which includes offers based on BTEC, will issue on Round Zero. Round Zero offers normally go out during the first week of August. This

means that those wishing to be considered on Round Zero must have made results available to us by July. Where the vocational quota fills on Round Zero, no subsequent vocational offers will issue. Where the vocational quota does not fill on Round Zero, further offers may issue in later rounds.

ATU will normally assess applicants on the basis of the documentation provided but may interview or otherwise assess any non-standard applicants where this is deemed necessary or appropriate.

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 Lánfhásta

If you are applying for first-year 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".

Do mature applicants have any advantages?

Yes. Mature candidates may be exempted from the standard minimum academic entry requirements. A limited quota of places is reserved specifically for mature applicants on all first-year programmes.

Will I have to start at the bottom?

Not necessarily. Most mature applicants, particularly those who have not been engaged in formal higher education for some time and/or those embarking on a new area of study, opt to start at Year 1 and study in full-time mode. If this is your preference you should apply for first-year via the CAO, see www.cao.ie

What exemptions might be available?

If you already have some form of certified/accredited higher education that is relevant to the programme for which you are applying, you may be able to gain some exemptions. If you have already successfully completed at least one year of higher education, in a programme closely related to the one for which you are applying, you may even be eligible for Advanced Entry. Apply directly to ATU if you wish to be considered for Advanced Entry.

How do I apply as a mature Applicant for first-year via CAO?

You can apply online, www.cao.ie or you can make a paper-based application. The Internet application is the recommended option as it is cheaper, faster and less error-prone.

What is the closing date for mature applicants?

Standard CAO closing dates apply for mature applicants seeking entry to year 1 via CAO. Ideally, apply before 1st February 5.00pm. Late applications may be accepted for most programmes - up to 1st May at 5pm. However,

- applications made after 1st February will cost more
- if a programme is marked "Restricted" in the CAO handbook you may not submit a late application.

How are Mature Applicants Assessed?

Assessment methodologies can vary from programme to programme. For many programmes, mature candidates will be randomly selected for mature quota places. For other programmes mature candidates may be assessed on the basis of the personal statement provided as part of the CAO application process, and/or they may be invited to interview. In the case of mature applicants for nursing, they will be selected on the basis of an external test organised by the Nursing Board. Please check individual programme descriptions.

Mature Applicants with Qualifying Exam Results

Applicants who have a Leaving Certificate or other qualifications, can, in addition, compete for all non-quota places based on their qualifications. If you have relevant exam results, such as a school Leaving Certificate, QQI level 5 awards, GCEs, etc., even if they are quite old results, it is worth listing these on your CAO application and sending copies of certificates to the CAO.

Aptitude test for Mature Nursing Applicants

Please consult the handbook Nursing, a Career for You or see the NMBI website www.nmbi.ie/Careers-in-Nursing-Midwifery/How-to-apply/Mature-Applicants for details of this test.

Mature Entry based on Random Selection

For programmes where random selection for the mature quota applies you must have listed your choices by 1st May at 5:00pm. Change of mind choices entered after 1st May are not included in the random selection process.

Mature Entry based on assessment of Personal Statement/Interview

Applicants are encouraged to apply by 1st February in order to facilitate early assessment. Late and available place applications from mature applicants will also be considered under this process if mature quota places are still available.

Mature Entry based on School-Leaving results

Mature applicants who have qualifying school-leaving results are also eligible to enter a separate competition in Round One and subsequent rounds. They can apply up to 1st May at 5:00 pm and can change their minds about programme choice up to 1st July at 5pm. The selection at Rounds 1 and later is competitive and based on points

from qualifying exam results only. It is important to provide the CAO with copies of any results you wish to have taken into consideration such as Leaving Certificate, QQI level 5 awards, GCEs or similar.

Offer Schedule for Mature Applicants

The earliest offers to mature applicants will issue on Round A, in early July. There are several rounds of offers. If the mature quota for a programme is not filled in one round, then further offers will issue on subsequent rounds until the quota/ programme is full.

After Round 1 if you have not received any offer, you can contact admissions to find out your place on the waiting list.

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

For Erasmus partners and student please use the following contact details:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	erasmus.donegal@atu.ie	+353 74 918 6063
Galway	erasmus.galway@atu.ie	+353 91-753161 (Ext: 2253)
Sligo	erasmus.sligo@atu.ie	+353 71 9137298
St Angela's	international@stangelas.ie	+353 71 91 35623 +353 86 0324238 (whats app, mobile)
Information for international applicants:		https://www.atu.ie/international https://www.stangelas.ie/international



Entry based on exams from outside the EU/EFTA

International Applicants who are presenting exams from outside the EU/EFTA area as a basis for entry must apply directly to the International office at the relevant ATU campus and not via the CAO. To apply to study in ATU as an exchange or non-EU international student, please see www.atu.ie/international. The relevant contacts are as follows:

For Programmes in	Contact e-mail	Phone (+353 for Ireland)
Donegal	International.donegal@atu.ie	+353 74 918 6068
Galway	International.galway@atu.ie	+353879669196 (WhatsApp, mobile)
Sligo	International.sligo@atu.ie	+353 91 753161 (Ext: 2349)
St Angela's	international@stangelas.ie	+353 71 91 35623 +353 86 0324238 (WhatsApp, mobile)
Information for international applicants:		https://www.atu.ie/international https://www.stangelas.ie/international

HEAR/DARE

ATU participates in the HEAR and DARE access schemes that target applicants from groups who are currently under-represented in Higher Education. The schemes facilitate flexibility on points and provide specific post-entry supports for eligible applicants. Please see www.accesscollege.ie for details of these schemes.

Important Notes

Being eligible for HEAR /DARE does not, necessarily, guarantee selection. There is a limited quota of HEAR/ DARE places available. If there are more eligible HEAR/ DARE applicants than there are quota places available, ATU will prioritise applicants who are eligible for both the DARE and HEAR entry routes and who have met all the criteria for the schemes.

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

FIRST YEAR APPLICANTS FAQ

When can I start?

The academic year normally begins in September. The CAO application process begins in the previous November.

How do I apply for the first year?

The vast majority of first-year applicants, both school-leavers and mature applicants, must apply via the CAO.

Key deadlines are outlined on the CAO website, www.cao.ie. Applications may be submitted online via the same address. However, international applicants presenting exams from outside the EU/EFTA as a basis for entry should apply via our international office and not via CAO.

What if I miss the CAO deadline?

Ideally you should submit CAO applications by 1st February at 5:00 pm. In most cases, you can submit a late application up to a final deadline of 1 May at 5:00 pm. Restrictions may apply in some cases. It is always safer (and cheaper) to submit your initial CAO application by 1st February.

Can I apply via CAO after May 1st?

If you have submitted a CAO application before May 1st you can make changes to that application up until July 1st at 5:00pm. However, it is not usually possible to submit a new application after 1st May.

There are 3 circumstances in which new applicants can submit a CAO application after 1st May:

1. If a new programme is approved after the 1st May deadline.
2. If there are not enough qualified applicants to fill a programme.
3. If you are currently registered in a Higher Education Institution, entered your current programme via the CAO, and now wish to re-apply to begin over in first year, you may apply to CAO between 5th July and 22nd July 22nd at 5:00 pm. Please see the information on Exceptional Late Applications in the CAO handbook if you think this applies to you.

Available Place Applications

If new programmes are approved after the May 1st deadline or if there are insufficient qualified applicant to fill available places, ATU will post an Available Place notice on the CAO website. If you miss all other deadlines, keep an

eye on the CAO website for these listings. Some Available Place listings can appear as early as July, but most appear from mid-August onward, after round 1 issues.

If you spot an Available Place listing that is of interest, it is important to apply as soon as possible. This is a clearing process, so listings can change or be removed again quite quickly. After Round 1, any available places may be filled by qualified applicants on a first-come, first-served basis.

Can I change programme post registration?

Changing programme after registration can sometimes be accommodated but not always. Please don't assume that your request will be facilitated. Changing programmes between Registration and the close of the CAO season, will only be possible if:

1. There are places available on the programme into which you wish to transfer.
2. There are no other qualified CAO applicants already on the waiting list for that programme.

You may be required to re-apply via the CAO Available Places procedure for any such places.

Changing programmes after the CAO closes may sometimes be accommodated but is subject to strict terms and conditions as outlined in ATU's Internal Transfer Policy.

What is the points system?

Qualifying for college entry is a two-phase process:

1. First you must meet certain minimum entry requirements to matriculate and establish your general eligibility. For the majority of programmes, the minimum entry requirements can be accumulated over several sittings of an exam.
2. Next, your grades/points must be sufficiently high to enable you to compete against other qualified applicants for selection. Note that we only move to phase two, calculating points, after you have first achieved minimum entry requirements. While basic matriculation requirements can be amassed over several sitting of an exam, calculation of points is based on the best single sitting of an exam.

Provided you have first matriculated, the higher your grades, the more points you will get and the higher your ranking will be. Highly ranked students have a better chance of getting into the programme they want.

How are total points calculated?

Information on how points are calculated for various types of the exam can be found on the CAO website at <http://www.cao.ie/index.php?page=scoring&bb=studentresources>

Can you predict points?

ATU require a minimum of 160 points. However, entry is competitive, so you will likely need more than 160 points, especially for the more sought-after programmes that have a limited intake. The points required for any programme may rise or fall from one year to the next, depending on the level of competition in that particular year. You will find an archive showing the cut-off point for all programmes, for each year, on the CAO website: www.cao.ie/index.php?page=points&bb=studentresources. This archive gives an indication of trends over the recent past and is broadly indicative. However, points from the past do not necessarily predict what will happen in the current or future years.

Can different award types be added together when calculating points?

The competitions for academic and vocational quotas are entirely separate and based on different exams. QQI results will not be added to Leaving Certificate results. Similarly, BTEC results are not added to A-Level results. If you present both academic and vocational awards, the points derived from each will be applied to the relevant competition/ quota only.

What is the relevance of cut-off points?

The published cut-off shows the points achieved by the last person who qualified for a particular programme in a particular year. The average points in any class group may be considerably higher than the cut-off.

Are vocational awards such as QQI FET Level 5/6 Awards (formerly FETAC) and BTECs acceptable?

Yes.

Are there quotas for Vocational awards?

Yes, quotas apply to those applying on the basis of vocational awards. For some high-demand /low-intake programmes these vocational quotas tend to be very limited, with as few as just one or two places available for those applying on the basis of vocational awards. For other programmes, the vocational quota is more generous and flexible.

Scores based on QQI Level 5 /BTEC or other vocational awards are considered for the vocational quotas only. The main offers for the vocational quota will issue on Round Zero. Those presenting vocational awards who are not offered quota places on Round Zero will remain on the waiting list for quota places. If all the quota places originally offered on Round Zero are not accepted, additional vocational quota offers may be made on subsequent rounds.

What is Random Selection?

Before applicants are placed on the Order of Merit lists, CAO assigned a random number for each programme choice. If there are five applicants with identical points competing for one remaining place, random number selection applies. The place will be offered to the applicant with the highest random number.

What is Garda Vetting?

Many programmes at ATU involve a placement where students will be required to assume positions of trust. These may include programmes that bring students into contact with vulnerable adults or children or with controlled substances. We are committed to protecting the safety of all. Garda (police) vetting is required for all such programmes.

ATU will use the National Vetting Bureau as part of the assessment process for entry to the relevant programmes. Registration for all programmes that require Garda vetting is temporary until such time as the vetting process has been successfully completed. Individual placement providers may require additional vetting for specific placements. If the vetting procedure cannot be satisfactorily completed before going on placement, or if it raises any issues that have not been satisfactorily addressed, the student will be unable to go on placement or fulfil the requirement of the programme. In such circumstances, the student will be unable to complete registration and they will be required to leave the relevant programme.

Are there any Vaccination Requirements?

Vaccination will be required before students can go on placement for certain programmes. Students unwilling/ unable to accept required vaccinations will not be able to go on a work placement or to complete their programme of study and they will be required to leave the programme.

Requirement for Health Declaration /Physical Testing

Physical fitness is required to participate in certain programmes. Students on such programmes must be deemed fit to practice in order to complete registration and undertake the programme. Applicants may be asked to complete a Health Declaration to complete a self-assessment questionnaire and/or undergo testing. Registration is temporary pending the outcome of the required process. Students who do not meet the health requirements and/or the requirements of a fitness to practice procedure may be required to leave the programme.

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:	feely.myra@atu.ie

The Offer Process *An Próiseas Tairisceana*

The vast majority of offers for the first year are issued, via the CAO, around mid-August, after the Irish Leaving Certificate results become available. If all first-round offers are not taken up, further offers may be issued on subsequent rounds in September/October.

At our discretion, we may make limited offers at an earlier date. In general, early offers will only issue where a specific limited quota applies, e.g. to:

- Mature applicants who are selected for the mature quota.
- QQI FET/BTEC applicants for programmes having a limited vocational quota.
- Visa-required overseas nationals who need to make travel and visa arrangements.

This will only be possible if we are in a position to make early decisions, i.e. if:

- The application is not based on current year exams, the results of which are still pending at the time of application.
- All the results the applicant wishes to have taken into consideration, have reached CAO at least 1 week before the relevant early round.

Please note that we cannot guarantee that any offers will issue before August.

When are advanced entry offers issued?

Advanced entry offers are not usually issued until the latter half of July. If all the initial offers are not taken up, further offers may issue later on.

What must I do to accept an offer?

If you receive an offer, you will also receive instruction as to how to accept it, and the deadline that applies. Please follow these instructions carefully. If you don't respond to an offer correctly or on time, the offer may lapse and the place may be offered to someone on the waiting list.

We advise you to be at the mailing address you provided when applying during the offer period or to ensure you have access to your application account. If for any reason, you are not at this address, you should authorise someone to open your mail and respond on your behalf.

What happens if I get 2 or more offers?

You can only hold one valid acceptance at a time, so you must choose which offer to accept. Should you attempt to accept more than one offer, the last acceptance received by CAO becomes the valid acceptance. Any previous acceptance will lapse and become null and void.

What happens if I accept an offer on one round and get another offer later on?

You may choose to accept the later offer or to ignore it. Think carefully before making this decision. If you accept a later offer, the original offer will lapse. Once the original offer lapses, that place may then be offered to another candidate and may no longer be available to you should you change your mind again.

What happens if I accept an offer and then change my mind?

If you change your mind because you have received a later alternative offer, see above.

If you change your mind because you have decided not to go to college, then you have two options

1. Seek to defer entering college until the following year. You will find more information on deferring in the next section.
2. Notify the college that you do not plan to attend. This will enable them to offer the place to someone else as soon as possible. In any case, whether you notify the college or not, if you fail to register as instructed, you will be deemed to have lost interest and the place may be offered to someone else.

Deferred Entry *Iontráil larchurtha*

What is deferred entry?

If you are offered a place through the CAO and find that you are unable to take it up in the current year, it may be possible to reserve your place until the following year. Please note that deferrals are not automatic.

How do I qualify for deferred entry?

- In general, ATU only agrees to grant deferred entry in the case of certified medical illness or on other similar grave grounds.
- If a deferral is not granted you may still take up the place offered in the current year, provided you have left sufficient time to meet acceptance deadlines.

How do I apply for a deferral?

It's important to apply as soon as possible. Do not accept the offer via the CAO. Instead, immediately contact admissions, formally and in writing requesting a deferral, stating your reasons and including a medical certificate, or other evidence indicating why a deferral should be granted. Written communication (e-mail or letter) must arrive with us at least two days before the reply date shown on your CAO offer notice. Your application should include:

- Your name
- Your CAO Application number
- The code of the programme that you wish to defer
- The reason(s) why you are seeking a deferral
- A medical certificate, where applicable

If you fail to supply the necessary information it will not be possible to process your application or to reply to you quickly.

Are there conditions related to deferrals?

Yes.

1. If a deferral is granted it is valid for one year only, and only for the programme deferred.
2. If, for any reason, the deferred programme should be discontinued, the applicant will not, automatically, be entitled to a place on any other programme.
3. Deferred Applicants must formally re-apply for the deferred programme the following year in order to signal continued interest.

If I am granted a deferral do I need to re-apply?

Yes. Those holding deferrals sometimes change their minds. If you have a deferral, you must show your continued interest by re-applying, via the CAO, the following year.

- The code for the deferred programme must be the **only** code listed on your reapplication.
- If you fail to re-apply you will lose your deferred place.
- If you list additional codes, we will assume you are no longer certain about the one you deferred and that you have opted to enter a new competition. In this case, you will be treated as a new applicant. You may be re-offered the deferred programme, or you may not, depending on how your new application goes.

Applicants For Advanced Entry Years 2, 3, 4 And 5

Iarrthóirí D'iontráil Ag Céim Chun Cinn Blianta 2, 3, 4 agus 5

Who is eligible for advanced entry?

If you have successfully completed a relevant further or higher education programme, to a suitable level, you are eligible to be considered for advanced entry. If your education ended at the second level, you are not eligible for advanced entry.

Standard advanced entry

Standard applicants for advanced entry will have successfully completed a directly related programme at the preceding level on the National Framework of Qualifications. For instance, if you have successfully completed a three-year Level 7 ordinary degree, you may be eligible to enter year four of a related Level 8 honours degree programme.

Non-standard and non-EU advanced entry

Non-standard applicants are those presenting foreign qualifications or any qualification other than a directly related award from the Irish National Framework of Qualifications.

- You must have successfully completed at least 1 year of a relevant award at Level 6 or higher on the Irish NFQ or equivalent.
- Your previous study/qualification must be in a similar area to the programme for which you are applying.

- The learning outcomes achieved in the external programme must be similar to the learning outcomes achieved by internal students entering by standard progression from an ATU programme.

Offers and exemptions, if any, will depend on how well the learning outcomes of the non-standard programme fit with the requirements of the ATU programme to which you are applying. This will be usually assessed from details in the supporting documentation you supply. However, ATU reserves the right to interview or otherwise assess non-standard applicants if necessary.

How do I apply for advanced entry?

Advanced Entry applications should be made directly to the ATU. The Direct Entry contacts for each campus are as follows:

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.

Donegal	(074) 918 6125	admissions.donegal@atu.ie
Galway	(091) 742 140	admissions.galwaymayo@atu.ie
Sligo	(071) 931 8510	admissions.sligo@atu.ie



When will I know if my advanced entry application has been successful?

All successful applicants will be notified in writing. 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.

When do I register?

Once you have formally accepted an offer, we will send you details of the arrangements for registration. Registration information updates are also normally posted on our website. If you accept an offer from us keep an eye on the website for updates.

Registration normally takes place during the first or second week of September. If you fail to register as instructed without notifying us, you may lose your place to someone on the waiting list.

Disclaimer

We have taken great care in compiling the information contained in this prospectus, which we believe to be accurate at the time of going to print. However, the provision of programmes, facilities, accreditation and other arrangements described in the prospectus are regularly reviewed and may with good reason be subject to change without notice. We recommend that you check the ATU website www.atu.ie for the most up-to-date information before making an application.

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Contact ATU

ATU Galway City

T: +353 (0)91 753161 (Dublin Road Campus)
T: +353 (0)91 770661 (Wellpark Road Campus)
E: admissions.galwaymayo@atu.ie

ATU Mayo

T: +353 (0)94 90 25700
E: admissions.galwaymayo@atu.ie

ATU Connemara

T: +353 (0)91 74 2650
E: admissions.galwaymayo@atu.ie

ATU Mountbellew

T: +353 (0)90 96 79205
E: admissions.galwaymayo@atu.ie

ATU Donegal Letterkenny

T: +353 (0)74 91 86000
E: admissions.donegal@atu.ie

ATU Donegal Killybegs

T: +353 (0)74 91 86600
E: admissions.donegal@atu.ie

ATU Sligo

T: +353 (0)71 91 55222
E: admissions.sligo@atu.ie

ATU Sligo St. Angela's

T: +353 (0)71 91 43580
E: admissions@stangelas.ie



**the future
is here**





Is féidir le hiarratas ar an ollscoil a bheith strusmhar agus scáfar. Cuideoidh an t-eolas sa chuid seo leat d'iarratas a dhéanamh i gceart, mar sin b'fhiú duit do chuid ama a thógáil chun é a léamh. Cuir ceist ar do Threoirchomhairleoir maidir le haon rud nach dtuigeann tú, nó déan teagmháil dhíreach linn. Is é an chomhairle is fearr is féidir linn a chur ort ná do chuid roghanna a chur in ord tosaíochta agus an fhoirm CAO á líonadh amach agat. Bí cinnte go bhfuil na cúrsaí a bhfuil an spéis is mó agat iontu ag barr do liosta tosaíochta CAO. Tá na spriocdhátaí CAO leagtha amach sa chuid seo, bí cinnte aird a thabhairt orthu. D'fhéadfá meabhrúchán a chur ar do ghuthán chun deimhin a dhéanamh de nach ndéanfaidh tú dearmad orthu. Sa chás ina cheapfaidh tú go mbeidh tacaíocht airgid de dhíth ort, ba cheart iarratas a dhéanamh a luaithe is féidir. Dá luaithe a chuirfidh tú iarratas isteach, is ea is luaithe go mbeidh a fhios agat an bhfuil tú incháilithe chun deontas a fháil. De ghnáth osclaíonn na hiarratais i mí an Mhárta gach bliain. Is féidir a sheiceáil an bhfuil tú incháilithe ag www.studentfinance.ie agus www.susi.ie.

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

Tá tacaíocht ar fáil do mhic léinn ó Thuaisceart Éirinn chun costais a íoc. Déan teagmháil leis an mBord Oideachais agus Leabharlainne i do cheantar nó tabhair cuairt ar na suíomhanna gréasáin thíos do thuilleadh eolais:

→ www.slc.co.uk **nó**

→ 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	Ardteastas
Leibhéal 7	Gnáthchéim Baitsiléara
Leibhéal 8	Céim Onóracha Baitsiléara

Dámhachtainí Iarchéime

Leibhéal 9	Céim Máistir
Leibhéal 10	Céim Dochtúra

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 leibhéil 6-8, tríd an Lár-Oifig Iontrála (CAO). Is féidir iarratas a dhéanamh i mí na Samhna ar chúrsaí a thosóidh i mí Mheán Fómhair na bliana ina dhiaidh sin. Tá eolas maidir le conas iarratas CAO a dhéanamh ar fáil ag 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 Ollscoil Teicneolaíochta an Atlantaigh. Ní mór go mbeidh creidiúintí ardoideachais leordhóthanacha faighte agat i réimse gaolmhara sula mbeidh tú in ann iarratas a dhéanamh ar iontráil ag céim chun cinn.

MAIDIR LEIS AN gCÓRAS CAO

Is féidir cur isteach ar suas le fiche cúrsa ar iarratas amháin - deich gcúrsa ag Leibhéal 8 agus deich gcúrsa ag Leibhéal 6/7. Tá sé an-tábhachtach go gcuirfidh tú do chuid roghanna in ord tosaíochta i ngach catagóir, chun go mbeidh seans níos fearr agat an cúrsa atá uait a bhaint amach. Ní bheidh tionchar ag do chuid roghanna ar liosta amháin ar an liosta eile. Is féidir dhá chúrsa éagsúil a thairiscint duit i ngach babhta, ceann ó gach liosta.

DÁTAÍ TÁBHACHTACHA DON CAO

5 Samhain ag 12:00 meán lae	Osclaíonn tréimhse iarratais an CAO
20 Eanáir ag 5:00pm	Spríodhata d'iarratais ar Líne ar Ráta Lascaine
1 Feabhra ag 5:00pm	Spríodhata d'iarratais agus do Chláir Shrianta
5 Márta ag 5:00pm	Osclaíonn an CAO arís d'iarratais Dhéanacha
1 Bealtaine ag 5:00pm	Spríodhata d'iarratais Dhéanacha
5 Bealtaine ag 12:00 meán lae - 1 Iúil ag 5:00pm	Tréimhse um Athrú Intinne
Lár mhí Lúnasa	Céad bhabhta tairiscintí

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 díobh. Mar shampla, bíonn Gaeilge nó Béarla riachtanach i gcónaí. Mar aon leis 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. Mar sin, moltar duit a bheith 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
- Scór 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 atá ag gabháil 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 Sin
O6/H7	OD3
H5	HC3

Tá eolas maidir leis an scála pointí comónta ar fáil ar shuíomh gréasáin an CAO ag <http://www.cao.ie/index.php?page=scoring&s=1cepointsgrid>.

Tá Áireamhán ar fáil is féidir a úsáid chun pointí a ríomh bunaithe ar thorthaí Ardteistiméireachta le fáil chomh maith ar shuíomh gréasáin an CAO, https://www.cao.ie/?page=points_calc&bb=studentresources

Béarla/Gaeilge

Tá 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. D'fhéadfadh OTA cumas cainte Béarla iarrthóirí a thástáil agus/nó iarradh ar iarrthóirí torthaí ó scrúdú labhartha Béarla a sholáthar. D'fhéadfadh sé nach ligfear 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 luaite 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:

F1	20 pointe
F2	12 pointe

Pointe breise don Mhata Ardleibhéil

Tugtar 25 pointe 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.

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 ghlacfar le pas i gcúrsa cáilithe mata chun aon easnamh eile sna riachtanais iontrála a chomhlíonadh. 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 QQI/FETAC. Ní féidir taifead gnóthachtála, miondámhachtain nó páirtidámhachtain 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'fhormhór na gcúrsaí in Ollscoil Teicneolaíochta an Atlantaigh. Bíonn dámhachtainí áirithe QQI ag teastáil do chúrsaí áirithe, áfach (m.sh. altranas). Do roinnt cúrsaí OTA is gá go mbeidh modúl áirithe déanta agat mar chuid de do dhámhachtain bhreiseoidachais – 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.

Breathnaigh ar an leathanach dar teideal larrthóirí ar shuíomh gréasáin an CAO do liostaí de gach riachtanas QQI/Breiseoidachais atá ag gabháil le gach cúrsa de chuid OTA, 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 larrthóirí ar shuíomh gréasáin an CAO, 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 gcúóta 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

Glacfar 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. Tá 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 Ealain riachtanach do roinnt cúrsaí Dearaidh
- Bíonn Eolaíocht saotharlainne riachtanach don Altranas 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.
- Sa chás ina mbeidh gá leis an Mata mar ábhar, de ghnáth glactar le grád C GCSE, ach d'fhéadfadh sé go mbeidh grád níos airde ag teastáil do chúrsaí áirithe, go háirithe cúrsaí innealtóireachta/ríomhaireachta.
- Sa chás ina mbíonn ábhair eile ag teastáil, is ionann an grád inghlactha agus Grád C GCSE nó níos airde.

Do chúrsai 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 ar <http://www.cao.ie/index.php?page=scoring&s=gce> do thuilleadh sonraí maidir leis an nós imeachta scórála.

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 Dámhachtainí 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 tráthúil. 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-iarraitas 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 seachtain amháin 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/Tuaisceart 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'iarraitas, 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 dámhachtainí 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 bhfuiltear 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 dámhachtainí neamhchaighdeánach ón Ríocht Aontaithe ag Leibhéal 3 nó níos airde

1. Teastas na Dámhachtana

2. Tras-scribhinn torthaí - ina thaispeántar na hábhair ar fad a rinneadh agus gach grád a baineadh amach.

3. 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.

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
Diplóma 90 Creidiúint			
Diplóma	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	
Diplóma Leathnaithe	Diplóma (2010)		

Scóráil BTEC

Diplóma Leathnaithe	Diplóma	Diplóma 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 ísle 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.

Nóta maidir le cúrsaí a bhfuil an-tóir orthu

Is conair éagsúla iad an chonair iontrála acadúil agus an chonair iontrála ghairme. Ní féidir torthaí BTEC a chur le torthaí A-Leibhéil, ar an gcaoi chéanna nach féidir torthaí Ardteistiméireachta a chur le torthaí QQI FET. Sa chás ina mbeidh cuóta gairme srianta i gceist, déantar torthaí

ó dhámhachtainí gairme ar nós BTEC/QQI FET a mheas den chéad uair i mBabhta a Náid. Nuair a líonfar an cuóta gairme ní bheidh feidhm ag scóir BTEC níos mó agus ní dhéanfar iad a mheas d'áiteanna nach mbaineann leis an gcuóta. Sa chás ina mbeidh níos mó iarrthóirí BTEC/QQI FET ná mar atá áiteanna ar fáil sa chuóta, is iondúil go roghnófar iarrthóirí go randamach chun na háiteanna deiridh a líonadh. Féach ar lámhleabhar an CAO do thuilleadh eolais maidir leis an Roghnú Randamach.

Conair Éagsúla

Is conair éagsúla iad an chonair iontrála acadúil agus an chonair iontrála ghairme. Ní féidir torthaí BTEC a chur le torthaí A-Leibhéil, ar an gcaoi chéanna nach féidir torthaí Ardeistiméireachta a chur le torthaí QQI FET. Sa chás ina mbeidh cuóta gairme srianta i gceist, déantar torthaí ó dhámhachtainí gairme ar nós BTEC/QQI FET a mheas den chéad uair i mBabhta a Náid. Nuair a líonfar an cuóta gairme ní bheidh feidhm ag scoir BTEC níos mó agus ní dhéanfar iad a mheas d'áiteanna nach mbaineann leis an gcuóta. Sa chás ina mbeidh níos mó iarrthóirí BTEC/QQI FET ná mar atá áiteanna ar fáil sa chuóta, is iondúil go roghnófar iarrthóirí go randamach chun na háiteanna deiridh a líonadh. Féach ar lámhleabhar an CAO do thuilleadh eolais maidir leis an Roghnú Randamach.

Cáipéisí a Chur Isteach

Déan cinnte go bhfuil d'ainm agus d'uimhir CAO le feiceáil go soiléir ar aon cháipéisí a sheolann tú chuig an CAO. Cuireann OTA tús le hiarratais neamhchaighdeánacha a mheas go luath agus déanfar na hiarratais chéanna a mheas bunaithe ar an bhfianaise atá ar fáil. D'fhéadfadh sé go ndícháileofar thú sa chás nach mbeidh cáipéisí tacaíochta curtha isteach agat go tráthúil, i.e. laistigh den tréimhse 10 lá a leagtar amach i rialacha an CAO. De ghnáth ní dhéanfar d'iarratas a mheasúnú faoi dhó. Mar sin, tá sé tábhachtach go ndéanfaidh tú teagmháil dhíreach le OTA sa chás ina gcuirfidh tú cáipéisí tacaíochta isteach tar éis don tréimhse 10 lá dul in éag. D'fhéadfadh sé go ndéanfar neamhaird ar cháipéisí déanacha sa chás nach ndéanfaidh tú an méid sin. Sa chás ina bhfuil spéis agat i gcúrsa a bhfuil an-tóir air, déan cinnte go mbeidh gach toradh agus cáipéisí ábhartha faighte ag an CAO go tráthúil roimh an mbabhta cuí. Ní féidir linn measúnú a dhéanamh ar thorthaí nach mbeidh faighte againn ar a laghad seachtain roimh an dáta a dtiocfaidh na tairiscintí amach.

Tiocfaidh an chuid is mó de na tairiscintí a bhaineann leis an gcuóta gairme amach i mBabhta a Náid, lena n-áirítear tairiscintí bunaithe ar BTEC. Tagann tairiscintí Bhabhta a Náid amach sa chéad seachtain de mhí Lúnasa de ghnáth. Mar sin, ní mór go gcuirfidh iarrthóirí ar mhaith leo a bheith san áireamh i mBabhta a Náid a gcuid torthaí ar fáil dúinn faoi mhí Iúil. Nuair a líonfar an cuóta gairme i mBabhta a Náid, ní dhéanfar aon tairiscintí gairme eile ina dhiaidh sin. Sa chás nach líonfar an cuóta gairme i mBabhta a Náid, d'fhéadfaí tairiscintí eile a dhéanamh sna babhtaí ina dhiaidh sin.

De ghnáth déanfaidh OTA iarrthóirí a mheas bunaithe ar an gcáipéisíocht a chuirfear ar fáil, ach tá sé de cheart ag OTA iarrthóirí a chur faoi agallamh nó iarratais neamhchaighdeánacha a mheas ar bhealach eile má mheasfar go mbeidh gá leis sin.

Iontráil Ag Céim Chun Cinn, ADN agus dámhachtainí leibhéil 4 ón Ríocht Aontaithe

D'fhéadfadh sé go ndéanfar measúnú ar iarrthóirí le dámhachtain ag Leibhéil 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 Leibhéil 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 tosca:

- 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.

Tá 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.

An bhfuil aon bhuntáistí ag iarrthóirí lánfhásta?

Tá. D'fhéadfadh sé nach mbainfidh na gnáthchoinníollacha iontrála le hiarrthóirí lánfhásta. Cuirtear líon áirithe áiteanna ar fáil go speisialta d'iarrthóirí lánfhásta ar gach cúrsa céad bliana.

An mbeidh orm tosú ag an tús?

Ní gá go mbeidh. Cinneann an cuid is mó d'iarrthóirí lánfhásta tosú amach i mBliain a hAon ar bhonn lánaimseartha, go háirithe na daoine sin nach ndearna oideachas tríú leibhéal le roinnt blianta anuas agus/nó atá ag tosú amach ag staidéar i réimse nua. Más mian leat an méid sin a dhéanamh ba cheart duit iarratas a dhéanamh ar an gcéad bhliain tríd an CAO, féach www.cao.ie

Céard iad na díolúintí a bheadh ar fáil dom?

D'fhéadfadh sé go mbeidh roinnt díolúintí ar fáil duit sa chás ina bhfuil ardoideachas deimhnithe/creidiúnaithe de chineál éigin bainte amach agat cheana féin a mbaineann leis an gcúrsa bhfuil tú ag déanamh iarratais air. D'fhéadfadh sé go mbeidh tú incháilithe don Iontráil Ag Céim Chun Cinn má tá bliain amháin ardoideachais ar a laghad críochnaithe agat cheana i gcúrsa atá gaotha leis an gceann a bhfuil tú ag cur isteach air. Ní mór iarratas a dhéanamh go díreach le OTA más mian leat cur isteach ar iontráil ag céim chun cinn.

Conas is féidir liom iarratas a dhéanamh ar an gcéad bhliain mar iarrthóir Lánfhásta tríd an CAO?

Is féidir iarratas a dhéanamh ar líne, www.cao.ie, nó is féidir iarratas páipéir a dhéanamh. Moltar iarratas ar líne a dhéanamh, toisc go bhfuil sé níos saoire, níos tapúla, agus go bhfuil seans níos lú ann go mbeidh botún ann i d'iarratas.

Cad é an spriocdháta d'iarrthóirí lánfhásta?

Tá feidhm ag na gnáth-spriocdhátaí CAO d'iarrthóirí lánfhásta atá ag cur isteach ar an gcéad bhliain tríd an CAO. Is fearr iarratas a dhéanamh roimh an 1 Feabhra ag 5:00pm. Is féidir iarratais dhéanacha a dhéanamh ar chuid mhór cúrsaí suas leis an 1 Bealtaine ag 5:00pm. Tabhair faoi deara, áfach,

→ go mbeidh táille níos airde i gceist le hiarratais a dhéanamh tar éis an 1 Feabhra

→ ní féidir iarratas déanach a dhéanamh ar chúrsaí atá marcáilte mar “Srianta” i lámhleabhar an CAO.

Conas a dhéantar measúnú ar iarrthóirí Lánfhásta?

Athraíonn na critéir mheasúnaithe a úsáidtear ó chúrsa go cúrsa. In go leor cásanna, déanfar iarrthóirí lánfhásta a roghnú go randamach chun an cuóta a líonadh. Do chúrsaí eile is féidir iarrthóirí lánfhásta a mheas bunaithe ar an ráiteas pearsanta a cuireadh ar fáil mar chuid den iarratas CAO, agus/nó tabharfar cuireadh chun agallaimh dóibh. I gcás iarrthóirí lánfhásta atá ag cur isteach ar altranais, déanfar iad a roghnú bunaithe ar thástáil seachtrach eagraithe ag an mBord Altranais. Moltar breathnú ar an eolas faoi leith atá ag gabháil le gach cúrsa.

Iarrthóirí Lánfhásta a bhfuil Torthaí Scrúdaithe Incháilithe acu

Is féidir le hiarrthóirí a bhfuil torthaí Ardeistiméireachta nó aon cháilíocht eile acu cur isteach ar na háiteanna nach bhfuil mar chuid den chuóta, bunaithe ar a gcuid cáilíochtaí. Má tá torthaí scrúdaithe incháilithe agat, amhail torthaí Ardeistiméireachta, dámhachtainí QQI Leibhéal 5, GCE, srl., is fiú i gcónaí iad a chuir san áireamh le d'iarratas CAO agus cóipeanna de na torthaí céanna a chur isteach chuig an CAO - is cuma más seantorthaí atá i gceist.

Trialacha Mianaigh d'Iarrthóirí Lánfhásta ar an Altranais

Féach an lámhleabhar **Nursing, a Career for You** nó tabhair cuairt ar shuíomh gréasáin an NMBI (<https://www.nmbi.ie/Careers-in-Nursing-Midwifery/How-to-apply/Mature-Applicants>) do thuilleadh sonraí maidir leis an tástáil.

Roghnú Randamach d'Iarrthóirí Lánfhásta

Do chúrsaí ina n-úsáidtear roghnú randamach chun an cuóta a líonadh ní mór do chuid roghanna a líonadh isteach roimh an 1 Bealtaine ag 5:00pm. Ní chuirfear roghanna Athrú Intinne (Change of Mind) a dhéantar tar éis an 1 Bealtaine san áireamh mar chuid den roghnú randamach.

Iontráil d'Iarrthóirí Lánfhásta bunaithe ar Ráiteas Pearsanta/Agallamh

Moltar d'iarrthóirí iarratas a dhéanamh roimh an 1 Feabhra chun go mbeifear in ann na hiarratais a mheas go luath. Breathnófar ar iarratais Dhéanacha agus iarratais ar Áiteanna Atá Ar Fáil mar chuid den phróiseas seo má tá áiteanna faoin gcuóta lánfhásta ar fáil go fóill.

Iontráil d'Iarrthóirí Lánfhásta bunaithe ar Thorthaí Scoile

Is féidir le hiarrthóirí lánfhásta a bhfuil torthaí incháilithe scoile acu cur isteach ar chomórtas éagsúil i mBabhta a hAon agus sna babhtaí ina dhiaidh sin. Féadfaidh siad iarratas a dhéanamh roimh an 1 Bealtaine ag 5:00pm agus féadfaidh siad a gcuid roghanna a athrú roimh an 1 Iúil ag 5:00pm. Tá tairiscintí i mBabhta a hAon agus sna babhtaí ina dhiaidh sin iomaíoch agus tá siad bunaithe ar phointí ó thorthaí incháilithe scoile amháin. Tá sé tábhachtach go gcuirfidh tú cóipeanna d'aon torthaí a bhfuil tú ag iarraidh a chur san áireamh le d'iarratas, ar nós torthaí Ardteistiméireachta, cáilíochtaí QQI Leibhéal 5, GCE, agus mar sin de.

Sceideal d'Iarrthóirí Lánfhásta

Déanfar na céad tairiscintí d'iarrthóirí lánfhásta i mBabhta a hAon ag tús mhí Iúil. Tá roinnt babhtaí ann ina seolfar tairiscintí amach. Mura líonfar an cuóta d'iarrthóirí lánfhásta i mbabhta amháin, déanfar tuilleadh tairiscintí sna babhtaí ina dhiaidh sin go dtí go mbeidh gach áit ar an gcuóta/ar an gcúrsa lán.

Mura bhfuair tú tairiscint tar éis Babhta a hAon, feadfaidh tú teagmháil a dhéanamh leis an Oifig Iontrála le seiceáil an bhfuil tú ar an liosta feithimh.

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, an Fhrainc, an Spáinn agus an Ostair. Tagann an chuid is mó dár mic léinn idirnáisiúnta chugainn ón India, an Mhalaeisia, an Óman, Stáit Aontaithe Mheiriceá, Ceanada agus ón tSín.

Iontráil bunaithe ar Scrúduithe laistigh den AE/LSE

D'iontráil isteach sa chéad bhliain lorgaíonn muid torthaí scoile atá ag teacht a bheag nó mór leis an Ardteistiméireacht nó le Cáilíochtaí NFQ Leibhéal 5. De ghnáth glactar le scrúduithe stáit/náisiúnta a dhéantar ag deireadh scolaíocht an dara leibhéal. Do thuilleadh eolais maidir le scrúduithe ón AE/LSE féach na treoirlínte ar shuíomh gréasáin an CAO. <http://www2.cao.ie/downloads/documents/Guidelines-EU-EFTA.pdf>

Iarrtar ar mhic léinn Erasmus úsáid a bhaint as na sonraí teagmhála seo a leanas:

Do chúrsaí i	R-phost teagmhála	Fón (+353 cód na hÉireann)
Dún na nGall	erasmus.donegal@atu.ie	+353 74 918 6063
Gaillimh	erasmus.galway@atu.ie	+353 91-753161 (Folíne: 2253)
Sligeach	erasmus.sligo@atu.ie	+353 71 9137298
Coláiste San Aingéal	international@stangelas.ie	+353 71 91 35623 +353 86 0324238 (whats app, guthán)
Eolas d'iarrthóirí idirnáisiúnta		https://www.atu.ie/international https://www.stangelas.ie/international



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**. Seo thíos na sonraí teagmhála ábhartha:

Do chúrsaí i	R-phost teagmhála	Fón (+353 cód na hÉireann)
Dún na nGall	International.donegal@atu.ie	+353 74 918 6068
Gaillimh	International.galway@atu.ie	+353879669196 (WhatsApp, guthán)
Sligeach	international.sligo@atu.ie	+353 91 753161 (Folíne: 2349)
Coláiste San Aingeal	international@stangelas.ie	+353 71 91 35623 +353 86 0324238 (WhatsApp, guthán)
Eolas d'iarrthóirí idirnáisiúnta		https://www.atu.ie/international https://www.stangelas.ie/international

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 ar **www.accesscollege.ie** do thuilleadh sonraí maidir leis na scéimeanna.

Eolas Tábhachtach

Níl 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.

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 tá roinnt samplaí de na tacaíochtaí atá ann le feiceáil thíos

- seisiúin thiomnaithe tionscnaimh
- teagasc i ngrúpaí beaga agus ceardlanna
- scileanna léitheoireachta/scribhneoireachta/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

CEISTEANNA COITIANTA d'IARRTHÓIRÍ AR AN gCÉAD BHLIAIN

Cathain is féidir liom tosú?

Tosaíonn an bhliain acadúil i mí Mheán Fhómhair de ghnáth. Tosaíonn an próiseas iarratais CAO i mí na Samhna na bliana roimhe sin.

Conas is féidir liom iarratas a dhéanamh ar an gcéad bhliain?

An chuid is mó den am ní mór d'iarrthóirí, iarrthóirí atá ag fágáil na scoile agus iarrthóirí lánfhásta araon, iarratas a chur isteach tríd an CAO.

Tá na spriocdhátaí tábhachtacha le feiceáil ar shuíomh gréasáin an CAO www.cao.ie agus is féidir iarratais ar líne a dhéanamh ar an suíomh gréasáin céanna. Ba cheart d'iarrthóirí idirnáisiúnta a bhfuil scrúduithe acu ó lasmuigh den AE/LSE iarratas a dhéanamh go díreach chuig an Oifig Idirnáisiúnta in OTA, in áit iarratas a dhéanamh tríd an CAO.

Céard a tharlóidh má chaillfidh mé spriocdháta an CAO?

B'fhearr duit d'iarratas CAO a chur isteach roimh an 1 Feabhra ag 5:00pm. An chuid is mó den am is féidir iarratas déanach a chur isteach roimh an 1 Bealtaine ag 5:00pm. D'fhéadfadh sé go mbeidh srianta i gceist i roinnt cásanna. Bíonn sé níos sábháilte (agus níos saoire) do chéad iarratas CAO a chur isteach roimh an 1 Feabhra.

An féidir liom iarratas CAO a dhéanamh tar éis an 1 Bealtaine?

Má tá iarratas CAO déanta agat roimh an 1 Bealtaine is féidir leat athruithe a dhéanamh ar an iarratas sin go dtí an 1 Iúil ag 5:00pm. De ghnáth ní féidir iarratas nua a dhéanamh tar éis an 1 Bealtaine, áfach.

Tá 3 chás ann inar féidir le hiarrthóirí nua iarratas CAO a dhéanamh tar éis an 1 Bealtaine:

1. Má thugtar cead cúrsa nua a chur ar bun tar éis an spriocdháta ar an 1 Bealtaine.
2. Mura bhfuil go leor iarrthóirí ann chun na háiteanna ar fad ar chúrsa a líonadh.
3. Má tá tú cláraithe in Institiúid Ardoideachais, má thosaigh tú i do chúrsa reatha tríd an CAO, agus más maith leat anois iarratas eile a dhéanamh chun tosú sa chéad bhliain arís, féadfaidh tú iarratas a dhéanamh tríd an CAO idir an 5 Iúil agus an 22 Iúil ag 5:00pm. Féach ar an eolas maidir le iarratais Dhéanacha Eisceachtúla i lámhleabhar an CAO má bhaineann an méid sin leat.

Iarratais ar Áiteanna Atá Ar Fáil

Má thosóidh cúrsaí nua tar éis an spriocdháta ar an 1 Bealtaine nó mura mbeidh go leor iarrthóirí incháilithe ar fáil chun na háiteanna a líonadh, cuirfidh OTA fógra maidir le háiteanna Atá Ar Fáil (Available Places) in airde ar shuíomh gréasáin an CAO. Má chaileann tú amach ar gach spriocdháta eile, b'fhiú súil a choinneáil ar shuíomh gréasáin an CAO don liosta sin. Uaireanta bíonn fógraí maidir le háiteanna Atá Ar Fáil le feiceáil i mí Iúil, ach de ghnáth tagann siad amach ó lár mhí Lúnasa ar aghaidh, tar éis an chéad bhabhta.

Má tá spéis agat i bhfógra maidir le háiteanna Atá Ar Fáil, tá sé tábhachtach iarratas a dhéanamh a luaithe is féidir, gan mhoill. Próiseas imréitigh atá i gceist agus d'fhéadfadh sé go mbainfear nó go n-athrófar na fógraí go tapa. Tar éis Bhabhta a hAon is féidir Áiteanna Atá Ar Fáil a thabhairt d'iarrthóirí incháilithe ar bhonn "tiocfaidh do sheal mar a thiocfaidh tú féin".

An féidir liom mo chúrsa a athrú tar éis dom clárú?

Uaireanta is féidir athrú go cúrsa eile tar éis duit clárú, ach ní dhéantar an méid sin i gcónaí. Ná déan talamh slán de go nglacfar le d'iarratas. Tá seans ann go mbeidh tú in ann athrú go cúrsa eile tar éis duit clárú agus sula mbeidh an spriocdháta deireanach don CAO tagtha, ag brath ar na coinníollacha seo thíos:

1. Má tá áiteanna ar fáil ar an gcúrsa a bhfuil tú ag iarraidh aistriú isteach ann.
2. Mura mbeidh aon iarrthóirí incháilithe CAO ar an liosta feithimh don chúrsa céanna.

D'fhéadfadh sé go mbeidh ort athiarratas a dhéanamh ar Áiteanna Atá Ar Fáil tríd an CAO le cur isteach ar áit den chineál sin.

Uaireanta tugtar cead d'iarrthóirí athrú go cúrsa eile nuair atá an CAO dúnta, ach tá an méid sin faoi réir téarmaí agus coinníollacha dochta mar a leagtar amach iad i bPolasaí OTA maidir le hAistrithe Inmheánacha.

Cad é an córas pointí?

Tá dhá chéim i gceist le cáiliú le dul isteach san ollscoil.

1. I dtosach, ní mór duit bunriachtanais iontrála a bhaint amach chun máithreánú agus chun leagan amach go bhfuil tú incháilithe. An chuid is mó den am is féidir na bunriachtanais iontrála a bhaint amach fiú má rinneadh an scrúdú céanna níos mó ná uair amháin.

2. Ina dhiaidh sin, ní mór go mbeidh do chuid grád/pointí ard go leor chun go mbeidh tú in ann dul san iomaíocht le hiarrthóirí incháilithe eile. Tabhair faoi deara nach mbogfar ar aghaidh go dtí an dara céim sin, ina ríomhtar do chuid pointí, ach amháin sa chás ina mbeidh na bunriachtanais iontrála bainte amach agat. Cé gur féidir bunriachtanais iontrála a bhaint amach tríd an scrúdú céanna a dhéanamh níos mó ná uair amháin, déantar pointí a ríomh bunaithe ar an toradh is fearr a baineadh amach i scrúdú.

Má tá na bunriachtanais comhlíonta agat, bronnfar níos mó pointí ar ghráid níos airde, agus beidh rangú níos airde agat

dá bharr. Tá seans níos fearr ag iarrthóirí a bhfuil rangú níos airde acu áit a fháil ar an gcúrsa a bhfuil siad ag cur isteach air.

Conas a dhéantar líon iomlán na bpointí a ríomh?

Tá eolas maidir leis an gcaoi a ndéantar pointí a ríomh do chineálacha éagsúla scrúduithe ar fáil ar shuíomh gréasáin an CAO ag <http://www.cao.ie/index.php?page=scoring&bb=studentresources>

An féidir pointí a thuair?

Tá ar a laghad 160 pointe ag teastáil le hiarratas a dhéanamh ar OTA. Tá iomaíocht i gceist le hiontráil, áfach, agus mar sin is dócha go mbeidh níos mó ná 160 pointe de dhíth ort, go háirithe i gcás cúrsaí a bhfuil an-tóir orthu agus nach bhfuil ach líon teoranta áiteanna orthu. D'fhéadfadh na pointí atá ag teastáil do chúrsa faoi leith dul in airde nó titim ó bhliain go bliain, ag brath ar an éileamh atá ar an gcúrsa áirithe sin an bhliain sin. Is féidir teacht ar chartlann ina thaispeántar na pointí do gach cúrsa do gach bliain ar shuíomh gréasáin an CAO: www.cao.ie/index.php?page=points&bb=studentresources. Tugann an cartlann léargas ar na treochtaí le déanaí. Ní gá go mbeidh na pointí a bheidh de dhíth an bhliain seo nó amach anseo ag teacht leis na pointí a bhí ag teastáil roimhe seo, áfach.

An féidir cineálacha éagsúla dámhachtainí a chur le chéile chun pointí a ríomh?

Is comórtais iomlán éagsúla iad na cuótaí acadúla agus gairme agus tá siad bunaithe ar scrúduithe éagsúla. Ní chuirfear torthaí QQI le torthaí Ardteistiméireachta. Ar an gcaoi chéanna, ní chuirfear torthaí BTEC le torthaí A-Leibhéil. Sa chás ina mbeidh torthaí ó dhámhachtainí acadúla agus gairme éagsúla agat, ní chuirfear na pointí atá ag gabháil leo ach leis an gcomórtas/cuóta lena mbaineann siad.

Cén tábhacht a bhaineann leis na pointí íosta?

Is ionann na pointí íosta a fhoilsítear agus na pointí a fuair an duine deireanach a cháiligh do chúrsa faoi leith an bhliain roimhe sin. D'fhéadfadh sé go mbeidh meánluach na bpointí a bhfuarthas i ngrúpa ranga i bhfad níos airde ná na pointí íosta

An nglactar le dámhachtainí gairme ar nós QQI FET Leibhéil 5/6 (ar a dtugtaí FETAC roimhe seo) agus BTEC?

Glactar

An bhfuil cuótaí ann do dhámhachtainí gairme?

Tá, bíonn cuótaí i gceist d'iarrthóirí atá ag déanamh iarratais bunaithe ar dhámhachtainí gairme. I gcás cúrsaí áirithe a bhfuil an-tóir orthu nó nach bhfuil ach líon teoranta áiteanna ar fáil orthu, is minic go mbíonn na cuótaí gairme sin an-teoranta, agus d'fhéadfadh sé nach mbeadh ach áit nó dhó ar fáil do dhaoine a bhfuil dámhachtainí gairme acu. Do chúrsaí eile bíonn níos mó áiteanna agus solúbthacht i gceist leis an gcuóta gairme.

Ní chuirfear ach torthaí ó QQI Leibhéil 5/BTEC nó dámhachtainí gairme eile san áireamh do na cuóta gairme. Tagann an chuid is mó de na tairiscintí d'áiteanna sa chuóta gairme amach i mBabhta a Náid. Cuirfear iarrthóirí nach éiríonn leo áit a bhaint amach mar chuid den chuóta gairme i mBabhta a Náid ar an liosta feithimh. Mura nglactar leis na tairiscintí ar fad a rinneadh don chuóta gairme i mBabhta a Náid is féidir tuilleadh tairiscintí a thabhairt mar chuid den chuóta gairme sna babhtaí ina dhiaidh sin.

Cad is Roghnú Randamach ann?

Sula ndéantar Modh Fiúntais na n-iarrthóirí a ríomh, tugann an CAO uimhir randamach do gach cúrsa atá roghnaithe. Má tá cúig iarrthóir a bhfuil an méid céanna pointí acu ag iarraidh an áit dheireanach a bhaint amach, úsáidfear an roghnú randamach. Tabharfar an áit don iarrthóir leis an uimhir randamach is airde.

Cad is Grinnfhiosrúchán an Gharda ann?

Tá go leor cúrsaí ann i OTA ina n-iarrrtar ar mhic léinn dul i mbun rólí iontaoibhe. Is éard a bhíonn i gceist ansin ná cúrsaí ina mbíonn teagmháil ag mic léinn le daoine fásta leochaileacha, le leanaí nó le substaintí rialaithe. Tá muid tiomanta d'ardleibhéil sábháilteachta a chinntiú do chách. Tá grinnfhiosrúchán an Gharda (na bpóilíní) riachtanach do chúrsaí den chineál sin.

Bainfidh OTA úsáid as an mBiúró Náisiúnta Grinnfhiosrúcháin mar chuid den phróiseas iontrála do na cúrsaí lena mbaineann. Clárú sealadach atá i gceist le gach cúrsa den chineál sin go dtí go mbeidh grinnfhiosrúchán an Gharda críochnaithe go hiomlán. D'fhéadfadh sé go mbeidh riachtanas maidir le grinnfhiosrúchán an Gharda i gceist le socrúcháin oibre faoi leith. Mura mbeifear in ann an próiseas grinnfhiosrúcháin a chríochnú roimh thosú ar shocrúchán oibre, nó má thagann aon nithe chun cinn nár tugadh aghaidh orthu, ní bheidh an mac léinn in ann dul ar shocrúchán oibre nó riachtanais an chúrsa a chomhlíonadh. I gcásanna den chineál sin ní bheidh an mac léinn in ann clárú i gceart agus beidh orthu an cúrsa a fhágáil.

An bhfuil aon riachtanais ann maidir le vacsaíniú?

Beidh gá le vacsaíniú sula mbeidh mic léinn in ann dul ar shocrúchán oibre i gcúrsaí áirithe. Mura mbeidh mic léinn sásta/in ann na vacsaíní cuí a fháil ní bheidh siad in ann dul ar shocrúchán oibre nó riachtanais an chúrsa a chomhlíonadh agus beidh orthu an cúrsa a fhágáil.

Riachtanais maidir le Dearbhú Sláinte/Tástálacha Fisiciúla

Is gá go mbeidh mic léinn corpacmhainneach le bheith páirteach i gcúrsaí áirithe. Ní mór go measfar go mbeidh mic léinn ar chúrsaí den chineál sin corpacmhainneach le go mbeidh siad in ann clárú agus bheith páirteach sa chúrsa. D'fhéadfadh sé go mbeidh ar iarrthóirí Dearbhú Sláinte a chomhlíonadh, ina n-iarrfar orthu ceistneoir féinmheasúnaithe a fhreagairt agus/nó dul faoi thástálacha fisiciúla. Ní bheifear in ann clárú ach ar bhonn sealadach go dtí go mbeidh an próiseas sin críochnaithe. D'fhéadfadh sé nach mbeidh mic léinn nach gcomhlíonann na riachtanais sláinte agus/nó na riachtanais um fheidhmiúlacht chun cleachtadh in ann bheith páirteach sa chúrsa.

AITHEANTAS RÉAMHFHOGLAMA

Is éard is Aitheantas Réamhfhoghlama ann ná próiseas ina n-aithnítear réamhfhoghlaim atá déanta cheana féin (foirmiúil nó neamhfhoirmiúil) 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.

Is ionann **Réamhfhoghlaim Chreidiúnaithe** agus foghlaim atá aitheanta ag foras cáiliúcháin ar nós Dearbhú Cáilióchta agus Cáilióchtaí Éirinn (QQI) nó ollscoil/coláiste/ institiúid eile atá aitheanta ag an stát. Is féidir cáilióchtaí a baineadh amach thar lear a chur san áireamh le réamhfhoghlaim chreidiúnaithe freisin.

Is ionann **Réamhfhoghlaim Bunaithe Ar Taithí** agus creidiúintí a bhronnadh ar iarrthóir bunaithe ar a chuid taithí. Is minic go mbíonn taithí saoil nó taithí oibre i gceist leis an gcineál foghlama seo.

Do thuilleadh eolais déan teagmháil leis an gComhordaitheoir um Aitheantas Réamhfhoghlama ar an gcampas cuí:

OTA Dún na nGall	christine.mccabe@atu.ie
OTA Gaillimh	olive.kelly@atu.ie
OTA Sligeach	feely.myra@atu.ie

AN PRÓISEAS TAIRISCÉANA

Tagann formhór na dtairiscintí don chéad bhliain amach tríd an CAO i lár mhí Lúnasa, tar éis do na torthaí Ardteistiméireachta teacht amach. Mura nglactar leis na tairiscintí ar fad sa chéad bhabhta, is féidir tuilleadh tairiscintí a chur amach sna babhtaí ina dhiaidh sin i mí Mheán Fómhair/mí Dheireadh Fómhair.

D'fhéadfadh sé go gcuirfidh OTA tairiscintí amach roimhe sin, de réir mar a shocraíonn muid féin. De ghnáth ní chuirtear tairiscintí luaithe amach ach nuair a bhíonn feidhm ag cuóta srianta faoi leith, m.sh. i gcás

- Iarrthóirí lánfhásta a roghnaítear iad mar chuid den chuóta lánfhásta.
- Iarrthóirí QQI/BTEC atá ag cur isteach ar chúrsaí a bhfuil cuóta teoranta gairme ag gabháil leo.
- Iarrthóirí idirnáisiúnta a bhfuil víosa de dhíth orthu agus a bhfuil orthu socrúchán taistil agus víosa a dhéanamh.

Ní bheifear in ann an méid sin a dhéanamh ach amháin sa chás ina mbeidh muid in ann tairiscintí a dhéanamh, i.e. sa chás:

- Nach mbeidh an t-iarratas ag brath ar thorthaí scrúduithe na bliana nach bhfuil ar fáil go fóill
- Go mbeidh gach toradh ar mhian leis an iarrthóir a chur leis an iarratas faighte ag an CAO ar a laghad seachtain amháin roimh an mbabhta lena mbaineann an t-iarratas.

Ní féidir linn deimhin a dhéanamh de go ndéanfar aon tairiscintí roimh mhí Lúnasa.

Cathain a dhéantar tairiscintí ar iontráil ag céim chun cinn?

De ghnáth dhéantar tairiscintí ar iontráil ag céim chun cinn ag deireadh mhí Iúil. Mura nglactar leis na tairiscintí ar fad sa chéad bhabhta, is féidir tuilleadh tairiscintí a chur amach sna babhtaí ina dhiaidh sin.

Cad is gá dom a dhéanamh le glacadh le tairiscint?

Má fhaigheann tú tairiscint, gheobhaidh tú treoracha conas glacadh leis, agus eolas maidir leis an spriodhata. Ní mór duit na treoracha seo a leanúint go cúramach. Má theipeann ort freagairt cheart nó thráthúil a thabhairt ar do thairiscint d'fhéadfadh sé go rachaidh sé in éag agus go dtabharfar an áit do dhuine eile ar an liosta feithimh.

Moltar duit a bheith ar fáil ag an seoladh poist a chuir tú in iúl nuair a rinneadh an t-iarratas, nó go mbeidh rochtain agat ar an gcuntas lena rinneadh an t-iarratas. Má tharlaíonn sé nach bhfuil tú ar fáil ag an seoladh sin ar chúis ar bith, ba cheart duit cead a thabhairt do dhuine éigin do chuid poist a oscailt agus freagairt a thabhairt ar do shon.

Céard a tharlaíonn má fhaighim mó ná tairiscint amháin?

Ní féidir leat glacadh le níos mó ná tairiscint amháin ag aon am amháin, mar sin beidh ort cinneadh a dhéanamh maidir leis an gceann a bhfuil tú dul glacadh leis. Sa chás ina ndéanfaidh tú iarracht glacadh le níos mó ná tairiscint amháin, glacfar leis gurb ionann an tairiscint is déanaí a nglac tú léi agus an tairiscint bhailí. Rachaidh aon tairiscint a nglac tú léi cheana in éag.

Céard a tharlaíonn má ghlacaim le tairiscint sa chéad bhabhta agus má fhaighim ceann eile ina dhiaidh sin?

Féadfaidh tú glacadh leis an dara tairiscint nó neamhaird a dhéanamh de. Ba cheart duit smaoineamh go cúramach roimh duit aon chinneadh a dhéanamh. Má ghlacann tú leis an dara tairiscint, rachaidh an chéad cheann in éag. A luaithe is a rachaidh an chéad thairiscint in éag is féidir an áit sin a thabhairt d'iarrthóir eile agus d'fhéadfadh sé tarlú nach mbeidh an áit chéanna ar fáil duit arís.

Céard a tharlaíonn má ghlacaim le hiarratas agus má athraím m'intinn ina dhiaidh sin?

Sa chás ina n-athróidh tú d'intinn toisc go bhfuil tairiscint eile faighte agat, féach an t-eolas thuas.

Má athraigh tú d'intinn toisc go bhfuil cinneadh déanta agat gan freastail ar an ollscoil, tá dhá rogha agat:

1. D'iontráil a chur siar go dtí an chéad bhliain eile. Tá tuilleadh eolas maidir le iontráil a chur siar sa chéad chuid eile.
2. An choláiste a chur ar an eolas nach bhfuil sé i gceist agat freastal ar an ollscoil. Beidh siad in ann an áit a thairiscint do dhuine eile a luaithe is féidir. Is cuma má chuireann nó nach gcuireann tú an choláiste ar an eolas, mura mbeidh tú cláraithe mar is ceart glacfar leis nach bhfuil spéis agat sa chúrsa níos mó agus tabharfar d'áit do dhuine eile.

IONTRÁIL IARCHURTHA

Cad is iontráil iarchurtha ann?

Má fhaigheann tú tairiscint ón CAO agus má tharlaíonn sé nach bhfuil tú in ann glacadh leis an áit an bhliain sin, d'fhéadfadh sé go mbeidh tú in ann d'áit a choinneáil go dtí an chéad bhliain eile. Ní féidir iontráil a chur siar go huathoibríoch.

Conas is féidir liom cáiliú d'iontráil iarchurtha?

- De ghnáth ní thugann OTA cead d'iarrthóir iontráil a chur siar ach amháin má dheimhnítear go bhfuil fadhb sláinte ar an iarrthóir nó i gcásanna tromchúiseacha eile.
- Mura thugtar cead duit d'áit a chur siar is féidir leat glacadh leis an áit don bhliain acadúil reatha, ar an gcoinníoll nach mbeidh na spriodhataí caite.

Conas is féidir liom iarratas a dhéanamh ar iontráil iarchurtha?

Tá sé tábhachtach iarratas a dhéanamh a luaithe is féidir, gan mhoill. Ná glac leis an tairiscint tríd an CAO. Ina áit sin, déan teagmháil dhíreach leis an oifig iontrálacha i scríbhinn agus déan iarratas ar iontráil iarchurtha. Leag amach na cúiseanna atá leis an iarratas agus cuir teastas dochtúra nó aon fhianaise eile leis a mhíníonn cén fáth go mba cheart d'iontráil a chur siar. Ní mór go mbeidh cumarsáidí scríbhinn (r-phost nó litir) faighte againn ar a laghad dhá lá roimh na spriodhataí a thaispeántar ar do thairiscint ón CAO. Ba cheart go mbeidh an t-eolas seo a leanas le feiceáil i d'iarratas:

- D'ainm
- D'uimhir iarratais CAO
- Cód an chúrsa a bhfuil tú ag iarraidh a chur siar
- An chúis/na cúiseanna a bhfuil tú ag iarraidh d'iontráil a chur siar.

→ Teastas dochtúra, más gá.

Mura gcuirfidh tú an t-eolas cuí ar fail ní bheifear in ann d'iarratas a phróiseáil nó freagairt a thabhairt ort in am.

An bhfuil coinníollacha ag baint le hiontráil iarchurtha?

Is gá.

1. Níl cead iontráil a chur siar ach ar feadh bliain amháin, agus don chúrsa áirithe sin.
2. Má chuirtear an cúrsa a cuireadh siad ar ceal ar chúis ar bith, ní bheidh ceart uathoibríoch ag an iarrthóir dul isteach i gcúrsa eile.
3. Ní mór d'iarrthóirí larchurtha athiarratas oifigiúil a dhéanamh ar an gcúrsa a cuireadh siar an bhliain ina dhiaidh sin, le cur in iúl go bhfuil spéis acu sa chúrsa go fóill.

Má ligtear dom iontráil a chur siar, an gá dom athiarratas a dhéanamh?

Is gá. Tarlaíonn sé uaireanta go n-athraíonn daoine a n-intinn tar éis dóibh n-iontráil a chur siar. Mar sin, má chuir tú d'iontráil siar ní mór duit a léiriú go bhfuil spéis agat sa chúrsa go fóill trí iarratas a dhéanamh ar an CAO an bhliain ina dhiaidh sin.

- Níor cheart go mbeidh aon chód i d'iarratas ach an cód a bhaineann leis an gcúrsa a cuireadh siar.
- Má theipeann ort athiarratas a dhéanamh caillfidh tú an áit a cuireadh siar.
- Má chuireann tú cóid eile ar d'iarratas glacfar leis nach bhfuil tú cinnte faoin gcúrsa a cuireadh siar go fóill, agus go bhfuil sé beartaithe agat cur isteach ar chomórtas úr. Pléifear leat mar iarrthóir nua sa chás sin. D'fhéadfadh sé sa chás sin go dtabharfar tairiscint duit don chúrsa a cuireadh siar, ach brath ar d'iarratas.

IARRTHÓIRÍ D'IONTRÁIL AG CÉIM CHUN CINN BLIANTA 2, 3, 4 AGUS 5

Cé hiad na daoine ar 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. Ní bheidh tú in ann cur isteach ar iontráil ag céim chun cinn mura bhfuil ach oideachas dara leibhéil agat.

Iontráil ag céim chun cinn do ghnáthiarrthóirí

Is ionann gnáthiarrthóirí agus daoine a bhfuil cúrsa gaolmhara déanta acu ag leibhéal roimhe sin ar an gCreat Náisiúnta Cáilíochtaí. Mar shampla, má tá cúrsa gnáthchéime trí bliana ag Leibhéal 7 déanta agat cheana, d'fhéadfadh sé go mbeidh tú in ann dul isteach sa cheathrú bliain i gcéim onóracha ag Leibhéal 8.

Iontráil ag céim chun cinn d'iarrthóirí eile/ d'iarrthóirí neamh-AE

Is ionann iarrthóirí eile 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 fhoghlaím/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 i 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 don Iontráil Díreach do gach campas.

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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 Iontrála Ag Céim Chun Cinn OTA, agus í 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 cáipéisí 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 fiosraitheoirí sa phost.

Cathain a bheidh a fhios agam ar éirigh le m'iarratas ar iontráil ag céim chun cinn?

Cuirfear iarrthóirí ar an eolas i scríbhinn má éiríonn leo. I gcás cúrsaí a thosaíonn i mí Mheán Fómhair, is iondúil go dtagann na céad tairiscintí amach imí lúil. D'fhéadfadh sé áfach go gcuirfear tairiscintí amach roimhe sin má ag brath ar dháta tosaithe an chúrsa nó más féidir linn an measúnú a dhéanamh ag tráth roimhe sin. Mura nglactar leis na tairiscintí ar fad sa chéad bhabhta, is féidir tuilleadh tairiscintí a dhéanamh sna babhtaí ina dhiaidh sin.

Ní mór duit freagairt cheart agus tráthúil a thabhairt ar an tairiscint. Má theipeann ort freagairt cheart nó thráthúil a thabhairt ar an tairiscint d'fhéadfadh sé go rachaidh sé in éag agus go dtabharfar an áit do dhuine eile ar an liosta feithimh.

Cathain is gá dom clárú?

Nuair a ghlacfaidh tú le tairiscint cuirfear treoracha chugat i scríbhinn maidir leis na socruithe a bhaineann le clárú. Cuirtear eolas maidir le clárú in airde ar ár suíomh gréasáin freisin. Má ghlacann tú le tairiscint uainn, bí cinnte súil a choinneáil ar an suíomh gréasáin do thuilleadh eolais.

De ghnáth is gá clárú sa chéad nó sa dara seachtain de mhí Mheán Fómhair. Mura gcláróidh tú mar is ceart gan muid a chur ar eolas, is féidir go gcaillfidh tú d'áit agus do dtabharfar do dhuine ar an liosta feithimh í.

Other Study Options

Alongside our extensive range of full-time on campus CAO programmes, we have other ways in which you can take the next step in your academic journey.

Trade Apprenticeships

ATU provides trade apprenticeship training for electricians, carpenters, joiners, toolmakers, mechanics and manufacturing engineers. Apprentices get the experience, skills and internationally recognised qualification of a trade. These are four-year paid programmes, combining classroom-based learning with practical experience and on-the-job training. Grants may also be available. For more information, please visit www.apprenticeship.ie

Professional Apprenticeships

ATU is the co-ordinating provider of the BA (Hons) in Insurance Practice with the Insurance Institute as its industry partner. The programme consists of nine semesters with online study one day per week and practical on-the-job work experience. ATU also provides a Transport Operations and Commercial Driving apprenticeship. Apprentices are employed during the two years of the academic programme, with experience gained by working on the job. For more information, please email admissions@atu.ie

Industry Led Apprenticeships

A three-year Level 7 BEng in Manufacturing Engineering (apprenticeship) sees 70% of time spent in the workplace and 30% of time studying in ATU. Students must already be employed in a Manufacturing Engineering apprenticeship contract before applying for this programme.

A Chef de Partie Apprenticeship is an 'earn and learn' degree programme that combines on-the-job training with academic study. The programme exposes students to a wide range of culinary skills and ideas. On successful completion of the Chef de Partie Apprenticeship, students receive a Level 7 BA in Culinary Arts award and may progress to the Level 8 Sous Chef Apprenticeship programme. For more information on these programmes, please email admissions@atu.ie

Online and Flexible Learning

As the leader in Online Learning, ATU offers students the opportunity to study part-time online from Higher Certificate right up to Masters level. Whether you are entering third level for the first time or seeking to progress in your career, we have over 300 part-time online courses to choose from. Search our Online and Flexible course list at www.atu.ie/onlinecourses

Postgraduate Study

ATU offer over 140 flexible postgraduate study options, from full-time on-campus to part-time online and blended. Search our Postgraduate course list at www.atu.ie/postgraduate

Higher Ed for All

This aims to assist people who wish to further their education but cannot attend campus. Participants study full-time remotely through live online lectures. Our BA (Hons) in Writing and Literature (AU930) and BSc in Health and Medical Information Science (SG860) can be applied for through the CAO. A Higher Cert in Health and Medical Information Science can be applied for through direct application. For more information, please email admissions@atu.ie

Work-Based Learning

Participants of this programme study our BEng in Mechatronic Systems. Students will be in continuous employment with reduced working hours, allowing them to take online modules and achieve learning outcomes through tasks undertaken as part of their work. For more information, please email admissions@atu.ie

Access Studies

This Level 6 programme (also known as the Certificate in Preparatory Studies) is intended for students who have little or no formal education qualifications. Students who successfully complete this course will obtain the educational qualification for admission to Higher Education courses in a wide range of disciplines. The skills, knowledge and competency developed by students develops their confidence to progress their third level journey. This programme is available part-time or full-time, and there are no fees for this course. For more information, email anne.brennan@atu.ie

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. There are no fees for this course and students are paid a training allowance and where appropriate, an accommodation allowance. For more information, please visit www.epilepsy.ie

Find Out More

Tuilleadh eolais

Whether you want to attend an open day, take a campus tour or talk with a member of our team, there are lots of ways we can help you get all the information you need.

Open Days and Events

There is nothing quite like spending a day experiencing university life before you even get started. Open days are a great way to meet lecturers, staff and current students.

Location	Date	Time
ATU Galway City		
Creative Pathways Open Day (Wellpark Road Campus Only)	Thursday 3rd November 2022	10am - 2pm
Open Day	Saturday 5th November 2022	10am - 1pm
FE/PLC Mature Students Information Evening	Thursday 26th January 2023	6pm - 8pm
Open Day	Saturday 25th March 2023	10am - 1pm
ATU Mayo		
Open Day	Wednesday 7th December 2022	10am - 1pm
ATU Connemara		
Open Day	Friday 11th November 2022	11am - 1pm
Open Day	Saturday 1st April 2023	11am - 1pm
ATU Mountbellew		
Open Day	Wednesday 5th October 2022	10am - 12.30pm
Open Day	Wednesday 1st March 2023	10am - 12.30pm
ATU Donegal		
Open Day	Thursday 17th November 2022	9.30am - 2pm
Schools Engagement Week	Monday to Friday 16th - 20th January 2023	
Open Evening	Wednesday 18th January 2023	5pm - 8pm
Open Day	Saturday 4th March 2023	10am - 2pm
Open Evening	Thursday 4th May 2023	3pm - 7pm
Information Day	Wednesday 23rd August 2023	11am - 4pm
ATU Sligo and St. Angela's		
Open Day	Friday 25th November 2022	9am - 1pm
Open Day	Saturday 26th November 2022	10am - 2pm
Open Evening	Tuesday 17th January 2023	6pm - 9pm
Open Day	Saturday 6th May 2023	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, TY 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 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.

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an Atlantaigh

Atlantic
Technological
University



* Subject to formal incorporation
of St Angela's College into
Atlantic Technological University

www.atu.ie
admissions@atu.ie



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