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PROSPECTUS  
**2022**

TOP 5 IRISH UNIVERSITY 2020

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PROSPECTUS  
**2022**

TOP 5 IRISH UNIVERSITY 2020



# FACULTY OF BUSINESS AND SOCIAL SCIENCES

Course	CAO Code	Level	Duration Years	CAO Points	Webpage	Entry Req.	Common Entry	Page
<b>BUSINESS</b>								
Business	SG141	8	4	261	itsligo.ie/SG141	2	Yes	60
Business	SG536	7	3	223	itsligo.ie/SG536	2	Yes	62
Business	SG101	6	2	160	itsligo.ie/SG101	2	Yes	62
Business Administration	SG535	7	3	228	itsligo.ie/SG535	1		64
Business and ICT	SG145	8	3	NEW	itsligo.ie/SG145	2		65
Accounting	SG146	8	3	309	itsligo.ie/SG146	2		67
<b>MARKETING, TOURISM &amp; SPORT</b>								
Marketing	SG150	8	4	NEW	itsligo.ie/SG150	2		68
Marketing	SG139	7	3	NEW	itsligo.ie/SG139	2		68
Tourism and Event Management	SG151	8	3	NEW	itsligo.ie/SG151	2, 5		70
International Tourism and Event Management	SG140	7	3	NEW	itsligo.ie/SG140	2, 5		72
Sport with Business	SG147	8	3	307	itsligo.ie/SG147	2, 5		73
Applied Sport with Business	SG134	7	3	215	itsligo.ie/SG134	2, 5		74
<b>SOCIAL SCIENCES</b>								
Social Care Practice	SG243	8	4	301	itsligo.ie/SG243	1, 5		77
Early Childhood Care and Education	SG242	8	4	279	itsligo.ie/SG242	1, 5		78
Sociology and Politics	SG248	8	3	281	itsligo.ie/SG248	1, 5		81
English and Psychology	SG247	8	3	309	itsligo.ie/SG247	1, 5		82
Law and Business	SG255	8	3	NEW	itsligo.ie/SG255	2		83

## LEAVING CERTIFICATE ENTRY REQUIREMENTS

**Level 8:** Min Subjects 2H5 & 406/H7 (O6/H7 English or Irish)

**Level 6&7:** Min Subjects 506/H7 (O6/H7 English or Irish)

## ENTRY REQUIREMENTS

1. Maths Not Required
2. Maths F2/O6/H7 Required
3. Maths O6/H7 Required
4. Maths H5 Required
5. Garda Vetting Required
6. Interview

CAO Points = 2020 End of Season (EOS) Points

\*New - Indicative Level 6 points 250

\*\*Points are awarded for portfolio and added to the Leaving Certificate points

# FACULTY OF ENGINEERING AND DESIGN

Course	CAO Code	Level	Duration Years	CAO Points	Webpage	Entry Req.	Common Entry	Page
<b>GENERAL ENGINEERING</b>								
Engineering	SG341	8	4	NEW	itsligo.ie/SG341	4	Yes	90
Engineering	SG330	7	3	243	itsligo.ie/SG330	3	Yes	91
Engineering	SG300	6	2	209	itsligo.ie/SG300	3	Yes	91
<b>MECHATRONIC ENGINEERING</b>								
Robotics and Automation	SG350	8	4	NEW	itsligo.ie/SG350	4	Yes	93
Mechatronic Engineering	SG334	7	3	290	itsligo.ie/SG334	3	Yes	94
Mechatronic Systems (Work Based Learning)	SG335	7	3	NEW	itsligo.ie/SG335	3		95
<b>MECHANICAL AND MANUFACTURING ENGINEERING</b>								
Mechanical Engineering	SG344	8	4	NEW	itsligo.ie/SG344	4	Yes	97
Mechanical Engineering	SG333	7	3	216	itsligo.ie/SG333	3	Yes	98
Precision Engineering and Design	SG336	7	3	309	itsligo.ie/SG336	3	Yes	99
<b>CIVIL ENGINEERING AND CONSTRUCTION</b>								
Civil Engineering	SG342	8	4	415	itsligo.ie/SG342	4	Yes	100
Civil Engineering	SG338	7	3	245	itsligo.ie/SG338	3	Yes	100
Construction Economics	SG302	6	2	184	itsligo.ie/SG302	3		101
Quantity Surveying	SG343	8	4	311	itsligo.ie/SG343	3		102
Quantity Surveying	SG339	7	3	195	itsligo.ie/SG339	3		102
Construction Project Management and Applied Technology	SG346	8	4	291	itsligo.ie/SG346	2		105
Advanced Wood and Sustainable Building Technology	SG332	7	3	208	itsligo.ie/SG332	2		106
Applied Construction Technology	SG308	6	2	171	itsligo.ie/SG308	2		107
<b>COMPUTING AND ELECTRONIC ENGINEERING</b>								
Electronics and Self-Driving Technologies	SG349	8	4	NEW	itsligo.ie/SG349	4	Yes	108
Computing	SG246	8	4	290	itsligo.ie/SG246	2	Yes	109
Computing	SG138	7	3	260	itsligo.ie/SG138	2	Yes	109
Computing	SG102	6	2	254	itsligo.ie/SG102	2	Yes	109
Computer Networks and Cyber Security	SG253	8	4	378	itsligo.ie/SG253	2	Yes	111
Computer Networks and Cyber Security	SG137	7	3	326	itsligo.ie/SG137	2	Yes	111
Software Development	SG252	8	4	307	itsligo.ie/SG252	2	Yes	112
Software Development	SG136	7	3	272	itsligo.ie/SG136	2	Yes	112
Games Development	SG131	7	3	280	itsligo.ie/SG131	2	Yes	115
<b>YEATS ACADEMY OF ART, DESIGN AND ARCHITECTURE</b>								
Creative Design	SG245	8	4	282	itsligo.ie/SG245	1		116
Creative Design	SG232	7	3	276	itsligo.ie/SG232	1		116
Architecture	SG347	8	5	360	itsligo.ie/SG347	3		117
Interior Architecture and Design	SG348	8	4	331	itsligo.ie/SG348	3		119
Interior Architecture and Design	SG331	7	3	236	itsligo.ie/SG331	2		121
Fine Art (Restricted Entry)	SG244	8	4	505**	itsligo.ie/SG244	1, 6		122
Fine Art (Restricted Entry)	SG231	7	3	449**	itsligo.ie/SG231	1, 6		122
Writing and Literature	SG249	8	3	297	itsligo.ie/SG249	1, 5		125
Writing and Literature (Online)	SG254	8	3	225	itsligo.ie/SG254	1, 5		125
Performing Arts	SG241	8	4	328	itsligo.ie/SG241	1, 5	Yes	126
Performing Arts (Acting)	SG236	7	3	235	itsligo.ie/SG236	1, 5	Yes	128
Performing Arts (Theatre Design)	SG235	7	3	319	itsligo.ie/SG235	1, 5	Yes	129

# FACULTY OF SCIENCE

Course	CAO Code	Level	Duration Years	CAO Points	Webpage	Entry Req.	Common Entry	Page
<b>GENERAL SCIENCE</b>								
Science	SG444	8	4	338	itsligo.ie/SG444	2	Yes	134
Science	SG401	6	2	209	itsligo.ie/SG401	2	Yes	135
<b>ENVIRONMENTAL SCIENCES</b>								
Environmental Science with Ecology	SG450	8	4	304	itsligo.ie/SG450	2		136
Environmental Science with Ecology	SG439	7	3	254	itsligo.ie/SG439	2		136
Environmental Science with Ecology	SG404	6	2	358*	itsligo.ie/SG404	2		136
Occupational Safety and Health	SG442	8	4	290	itsligo.ie/SG442	2		139
Occupational Safety and Health	SG433	7	3	223	itsligo.ie/SG433	2		139
<b>LIFE SCIENCES</b>								
Pharmaceutical Science with Drug Development	SG445	8	4	311	itsligo.ie/SG445	2		140
Pharmaceutical Science with Drug Development	SG431	7	3	269	itsligo.ie/SG431	2		140
Forensic Investigation and Analysis	SG448	8	4	307	itsligo.ie/SG448	2		143
Forensic Investigation and Analysis	SG437	7	3	243	itsligo.ie/SG437	2		143
Medical Biotechnology	SG449	8	4	341	itsligo.ie/SG449	2		144
Biomedical Science	SG436	7	3	262	itsligo.ie/SG436	2		146
<b>HEALTH AND NUTRITIONAL SCIENCES</b>								
Health and Medical Information Science (Online)	SG530	7	3	285	itsligo.ie/SG530	2		147
Health Science and Physical Activity	SG447	8	4	328	itsligo.ie/SG447	2		148
Health Science and Physiology	SG435	7	3	289	itsligo.ie/SG435	2		151
Health and Exercise Science	SG406	6	2	367	itsligo.ie/SG406	2		152
Human Nutrition	SG443	8	4	356	itsligo.ie/SG443	2		155
Human Nutrition	SG434	7	3	280	itsligo.ie/SG434	2		155

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# WELCOME FROM THE PRESIDENT

**Welcome to our new prospectus and I hope you find all the information you need in this publication to convince you to study at IT Sligo. I can assure you that we will offer you the best learning environment to develop academically, prepare you for a fulfilling career while building memories that will last a lifetime.**

IT Sligo has a fantastic reputation around the world and were ranked top 5 universities in Ireland by U-Multirank and ranked top 10 by The Times Good University Guide last year.

Our teaching staff are highly dedicated and many come with a strong background in the industries they teach in, giving our students the best real-world experience to prepare them for employment.

Our campus is constantly expanding and improving. Over the next few years we will be extending our campus to bring you a state of the art theatre, lecture rooms and new science block.

The environment is hugely important to us here at IT Sligo and I am delighted to let you know in 2021 we were awarded the coveted Green Flag for the work we have carried out to make our institute more sustainable.

There has never been a more exciting time to come to IT Sligo because students who apply this year will graduate from Ireland's newest University. In 2022 IT Sligo will merge with GMIT and LYIT to become one of the largest multi-campus universities on the island, bringing together students, enterprise and communities across eight campuses.

We want you to join us on a very exciting and historic journey as we transform the third-level educational landscape in the west and northwest of Ireland.

I wish you well in your choice of programme and we are here to help you in any way we can.

**Dr Brendan McCormack**

# A TECHNOLOGICAL UNIVERSITY

## Do you want to graduate from a university?

The new Technological University (TU) for the West and North-West of Ireland will be one of the largest multi-campus universities on the island, bringing together students, enterprise and communities spanning a unique geographical region in transition. The region offers a high level of cultural, artistic and outdoor activities providing an excellent quality of life for its inhabitants.

The TU will be a leader in the provision of access to Higher Education by offering programmes from pre-degree to doctoral level on campus, online or as remote learning. As a TU, we will deepen collaborative partnerships with Further and Higher Education institutions and organisations in the public and private sectors. As one entity, the new distinctive TU will act in a coherent manner supporting the needs of enterprises, especially SMEs, across the region through collaborative research and enabling technology transfer to support economic and social prosperity. It will provide research-informed teaching and access to emerging technologies for all learners.

The TU will have the critical mass and academic depth to attract, educate, nurture and retain talent in the West, North-West and cross-border region and will strengthen and benefit our region socially, economically and culturally. As a TU of scale, quality and impact we will have greater capacity for collaboration with international partners and our graduates will have excellent employment potential nationally and internationally.

The Connacht-Ulster Alliance (CUA) of GMIT, LYIT and IT Sligo has reached a significant milestone of meeting the TU criteria and, in May 2021, formally submitted its application to become a TU. Following an international evaluation process, the CUA expects to begin operating as a multi-campus university in early 2022.



**GALWAY MAYO INSTITUTE OF TECHNOLOGY**



**INSTITUTE OF TECHNOLOGY SLIGO**



**LETTERKENNY INSTITUTE OF TECHNOLOGY**



# WHY CHOOSE IT SLIGO

## INNOVATION, ACCREDITATION AND MORE

The majority of our programmes offer added value such as professional accreditation and work experience. We have a range of unique and innovative degrees too.

## A MODERN CAMPUS

Our campus is modern and contemporary, with industry spec equipment throughout. In 2021, we were once again ranked third in Ireland for investment in facilities by the Good University Guide.

## IN DEMAND GRADUATES

What happens after graduation is so important. Luckily for our graduates, 95% of them are employed or engaged in further study.

## A LOWER COST OF LIVING

Our students not only get a world-class education and lifestyle to match, they do so in one of Ireland's cheapest third level destinations.

## CAMPUS ACCOMODATION

We have some of the cheapest student accommodation in Ireland, starting at just €57 per week. Seven purpose-built student villages surround our campus.

## AN AMAZING PLACE TO LIVE

Sligo combines a vibrant urban centre with stunning natural beauty. The perfect setting for an unforgettable student experience.

## IT'S PERSONAL

We are ranked first in Ireland for student to lecturer ratio. Small class sizes, with our passionate and engaging lecturers, ensure each student gets the time and support they need.

## SPORT, CLUBS AND SOCIETIES

A range of state-of-the-art sports facilities, alongside over 70 clubs and societies, means we have something for every interest and ability.

## COMPREHENSIVE SUPPORTS

We have a huge number of FREE supports for students. These include learning support, maths support, academic writing, disability support and a health service.

# WHERE WE ARE

### DUBLIN

3 Hours



### DONEGAL

1 Hour



### ENNISKILLEN

1 Hour

### ATHLONE

1.5 Hours

### GALWAY

2 Hours

### LIMERICK

2.5 Hours



### KILKENNY

3.5 Hours

### CORK

3.75 Hours

### THE BEACH

10 Minutes



# THIS IS ITS LIGO

**TOWN CENTRE**  
←

10 MIN  
5 MIN  
8 MIN

**THE BEACH**  
←

10 MIN



**KNOCKNAREA ARENA**

**STUDENT CENTRE**

**BENBULBEN COURT**

**THE CLARION VILLAGE**

**YEATS ACADEMY OF ART, DESIGN AND ARCHITECTURE**

**THE GROVE STUDENT COMPLEX**

**FACULTY OF ENGINEERING AND DESIGN**

**FACULTY OF SCIENCE**

**FACULTY OF BUSINESS AND SOCIAL SCIENCE**

**YEATS LIBRARY**

**YEATS VILLAGE**

**GATEWAY APARTMENTS**

**MILLIGAN COURT APARTMENTS**

**UNI ROOMS**

**ARD NUA VILLAGE**



# OUR CAMPUS

Our 72-acre single-site campus combines modern buildings, state-of-the-art facilities and landscaped grounds. This, plus a real sense of community, makes IT Sligo an amazing place to study.



## LOCATION

Located on the outskirts of Sligo Town, our campus is just a ten-minute walk from the centre. A town bus service stops on campus over 30 times a day which connects students with lots of different places. Student villages surround the campus, whilst our location along the Wild Atlantic Way means beaches, mountains and countryside are all just a short trip away.

## MODERN

From the minute you first come through the gate, it is hard not to be impressed by what you see. Modern, architecturally designed buildings first greet you and this theme is continued throughout. A bright, contemporary feel runs through everything from our lecture halls to library and cafes to chill-out zones.

# 1<sup>ST</sup>

**IN IRELAND FOR STUDENT TO LECTURER RATIO ACROSS ALL UNIVERSITIES AND INSTITUTES OF TECHNOLOGY.\***

\*Good University Guide 2021



### FACILITIES

We have invested heavily in our facilities to ensure our students get the best experience possible. 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 plus points to life in IT Sligo is the sense of community. We have a full team of dedicated staff to support our growing student population. More than just a number, our students get to know all their classmates and lecturers on a first-name basis. You will never go too far without meeting a friendly face.

### 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. With many having previously worked in industry and engaged in research, our students gain valuable insights that you can't get from books alone.

### GREEN

Sustainability is at the heart of what we do. We were awarded the prestigious Green Flag award in 2021, which is an international symbol of high environmental performance. Our Green Campus initiative aims to embed sustainability throughout IT Sligo, whilst working with the wider community for sustainable change.

### EQUALITY

In 2021, we were delighted to be awarded the Athena SWAN Bronze Award. The Athena SWAN charter is a framework used across the globe to support and transform gender equality within higher education and research. The award was in recognition of the extensive work undertaken in recent years to advance gender equality for staff and students in IT Sligo.

# 3<sup>RD</sup>

**IN IRELAND FOR INVESTMENT  
IN FACILITIES ACROSS ALL  
UNIVERSITIES AND INSTITUTES  
OF TECHNOLOGY. \***

**\*Good University Guide 2021**



# DISCOVER SLIGO

Located along the Wild Atlantic Way, Sligo combines a vibrant urban centre with stunning natural beauty. With an added community feel throughout, it's easy to see why Sligo is such a popular student destination.



## FOOD

There is something to suit every taste and budget in Sligo's thriving culinary scene. As an established "foodie destination", you will find everything from sushi, vegan and tapas to Mexican, Italian and Thai. A large selection of chain and independent coffee shops are also waiting to be discovered.

## NIGHTLIFE

Sligo has every type of night out you can imagine. Whether you are looking for a traditional Irish pub or a trendy cocktail bar, a live music venue or an energetic nightclub, there is something to suit every mood. 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 on a weekly basis.

## SHOPPING

Known as the shopping capital of the Northwest, Sligo is home to four shopping centres and retail parks. Independent shops are nestled in between popular high street brands, catering for everything from clothes to computers and vintage to vinyl.

## MUSIC

You can find up-and-coming acts and established artists at venues all around Sligo on a weekly basis. Lissadell House, which is set to become one of Ireland's most important music venues, attracts crowds of 15,000 with world-class concerts. Sligo Live and Sligo Jazz Festival are just some of the numerous festivals and concerts which take place throughout the year.

## ARTS AND CULTURE

The Model, home of the Niland Collection, is one of Ireland's leading contemporary arts centres. Dance, jazz, theatre and comedy are some of the events hosted by The Hawk's Well Theatre, The Model and The Factory. Famous for its connection to WB Yeats, Sligo is a hub for literary events and home of the Yeats Society. The Coleman Irish Music Centre is a celebration of Irish music, culture and heritage. For those looking to get outside, there are over 5,000 archaeological sites to discover.

## SLIGO EVENT CALENDAR

EVENT	DATE
STRANDHILL PEOPLES MARKET	WEEKLY
WALKING FESTIVAL	FEBRUARY
ST. PATRICK'S DAY PARADE	MARCH
CHAMBER MUSIC FESTIVAL	MAY
BIG COUNTRY WEEKEND	MAY
WILD ATLANTIC SEA SHANTY	JUNE
WILD ROOTS MUSIC FESTIVAL	JUNE
SLIGO COUNTY FLEADH CHEOIL	JUNE
CÁIRDE FESTIVAL	JULY
JAZZ PROJECT	JULY
SLIGO RALLY STAGES	JULY
PRIDE FESTIVAL	AUGUST
YEATS INTERNATIONAL SUMMER SCHOOL	AUGUST
WARRIORS RUN	AUGUST
FESTIVAL OF BAROQUE MUSIC	SEPTEMBER
SLIGO LIVE	OCTOBER
SCARECROW FESTIVAL	OCTOBER
SO FUNNY SLIGO COMEDY FESTIVAL	NOVEMBER
SPILT MILK FILM & ARTS FESTIVAL	NOVEMBER
CHRISTMAS MARKETS	DECEMBER

## NATURE

An amazing aspect of life in Sligo is that you get the best of both worlds. Just ten minutes from the hustle and bustle of the town centre is breathtaking nature. World class beaches include world class waves, whilst the iconic Benbulbin mountain is just one option when you want to get away from it all. To read more about Sligo's stunning scenery and abundance of activities available, go to page 30.

**“One of my favourite places to film would probably have been Sligo. It was just the most jaw-dropping entrance to any place I've ever experienced. When you see Benbulbin in the distance, it's just immense.”**

**DAISY EDGAR-JONES**  
Plays Marianne in Normal People

# ACCOMMODATION

For many students, Sligo will become a home away from home for the next few years. Therefore, finding the right accommodation is really important.



With a diverse and plentiful range of options available, Sligo has the perfect accommodation to suit every individual.

## MAKING MEMORIES

Sligo is renowned for its sense of community. It is a safe, friendly and fun place to live. This community feel gives a uniquely supportive environment. Students will quickly form friendships and make memories that will last a lifetime.

## THAT EXTRA TOUCH

There are some extras that make accommodation in Sligo unique. The Students' Union organise a free bus from campus to a local supermarket every Monday evening so students can do their weekly shop. Some student villages offer free return shuttle buses to the train and bus station which will save on taxis and walking. A laundry service where you drop off your laundry and collect it the next day fresh and folded is available. Some accommodation villages offer smart TV's and free Netflix. Healthy, subsidised meals at any of our on-campus cafes and restaurants mean students don't always have to cook.

## CAMPUS, CITY OR COAST

The Sligo City bus service stops on campus over 30 times a day which gives students more options when it comes to where to live. Some choose to live close to the campus. Others choose City Centre accommodation in the hustle and bustle of cafes, restaurants, shops and nightlife. Some opt for the coastal towns of Strandhill and Rosses Point with their stunning natural beauty.

## AFFORDABILITY

The cost of student accommodation is so much more affordable compared to many of Ireland's other college towns and cities. The cost of a twin room starts at €57 per week whilst a single room is €63. The savings mean you can enjoy your student life without worrying about breaking the bank.



## STUDENT VILLAGES

**Gateway**  
[www.gatewayapartments.ie](http://www.gatewayapartments.ie)

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

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

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

**Benbulbin Court Apartments**  
[www.benbulbencourt.ie](http://www.benbulbencourt.ie)

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

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

**Milligan Court**  
[www.milligancourt.ie](http://www.milligancourt.ie)

## TYPES OF ACCOMMODATION

### STUDENT VILLAGES

There are seven purpose-built student villages located around IT Sligo. All are within one to twelve minutes' walking distance. These self-catering student villages have been designed with the needs of the student in mind.

### DIGS

This can be a popular choice with students who are moving away from home for the first time. Digs is when a student lives with a local family in their home. The benefit here is that all meals are also provided.

### PRIVATE RENT

The area around the college has an excellent selection of private apartments and houses. This is organised through private landlords and can be popular amongst students wishing to live with friends.

TO HELP FIND YOUR  
PERFECT ACCOMMODATION  
CONTACT OUR  
STUDENTS' UNION

GO TO [ITSSU.IE](http://ITSSU.IE)

“I love living in a student village. In first year, it helped me make so many new friends. There is such an amazing community feel”

**JACK COYNE**  
BA (Hons) Sociology and Politics

STARTING PRICE  
OF ACCOMMODATION IS

€57

PER WEEK WHICH MAKES  
SLIGO A VERY AFFORDABLE  
PLACE TO LIVE



**Understanding the cost of living is a really important aspect of choosing where to study. IT Sligo students not only get a world-class education and lifestyle to match, they do so in one of Ireland's cheapest third level destinations.**



**Whether you are living away from home or traveling to college, the costs are going to add up. When you consider this could be for up to four or even five years, then this is something that really needs consideration. What can we offer? A Top 5 Irish University, vibrant urban centre and stunning natural beauty without the huge expense.**

### TRAVEL COSTS

Students can choose to travel daily or at weekends, depending on how far away home is, at student discount rates. IT Sligo is well serviced by daily and weekend bus services, most of which drop and collect from our campus. The city bus service stops on campus over thirty times a day and will bring you all around Sligo town for just €1. The train runs from Dublin to Sligo, stopping in numerous towns along the way. Some student villages even offer a free collection service from the bus and train stations. For those driving, there are hundreds of free car parking spaces too.

### FOOD AND DRINK

The old stereotype of students and beans is far from the truth! Our students have all the major supermarkets to choose from as they advance their culinary skills from basic to expert. However, students don't necessarily have to worry about cooking. The IT Sligo canteen provides subsidised, healthy meals. A full dinner costs just €5, with lots of options daily to suit every taste. A cup of tea is just €1, whilst an americano to help get through the afternoon is €1.80. We could go on and on! But trust us – healthy, varied and cheap.

### A STUDENT TOWN

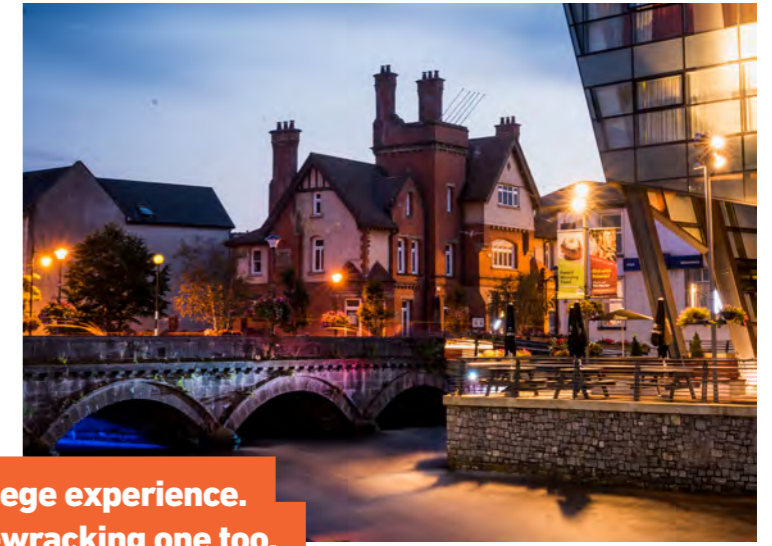
The cost of living in Sligo is great. Not only can Sligo offer some of the cheapest accommodation in Ireland, Sligo is also a very student focused town. Lots of businesses offer sizeable student discounts. Flash that student ID card to enjoy deals across a range of goods and services. From the high street and boutique retailers, to the coffee shops, restaurants, nights out and just about everything in between. A student cinema ticket? As little as €6. Get a surf or SUP lesson for as little as €20. Or a fresh new fade for just €10!

### THE FREE STUFF

College life is more than just study. It is also about experiences. And these experiences might not cost a thing. As we mentioned, Sligo's stunning location along the Wild Atlantic Way lends itself to some breathtaking natural facilities. Explore the world-famous Benbulbin and Knocknarea mountains, beautiful beaches at Rosses Point and Strandhill or picturesque locations like Glencar Lake and Hazelwood. Stroll around the numerous weekly markets, take in the art collections at the Model or join one of our 70 free clubs and societies. The options are endless.

### LOOKING AFTER YOURSELF

Whilst there are so many fun and exciting experiences to be had, we also realise our students may need a little extra support and help from time to time. Here at IT Sligo, our student health service is free. This includes counsellors, doctors and nurses. Academic supports such as learning support, maths support, academic writing and English language support, are also completely free. Supporting our students is really important to us. So, if you ever need a little extra help – just ask. If it's important to you, it's important to us.



**Welcome to the start of your college experience. It's an exciting time, but a nerve-wracking one too. We know what it's like to make the transition and we also know how to help you make it. We have a number of supports in place to help you enjoy these first steps on the journey that will lead to your independence, your education and eventually, your career.**



### INDUCTION

Induction is a programme of events which takes place before classes commence. On this page we have outlined just some of the events that will help you settle into college life.

### TOURS AND TIMETABLES

You will receive your timetable alongside a campus tour, so you know the exact location of your lecture theatres, labs and classrooms. Campus locations such as the Yeats Library, Knocknarea Arena and the Student Services building will also be shown.

### INTRODUCTIONS

You will be introduced to your new lecturers and classmates. Form new friendships from the get go and receive more information about assignments and exams.

### SUPPORTS AND SERVICES

Learn about all the supports and services available and how to access them. These include our health service, access office and academic supports.

### THE STUDENTS' UNION

Find out about clubs and societies, becoming a class rep and lots more when you are introduced to the Students' Union. The team will also have fun events organised plus insider hints and tips for starting out in college.

### STUDENT ID, LOGINS AND MORE

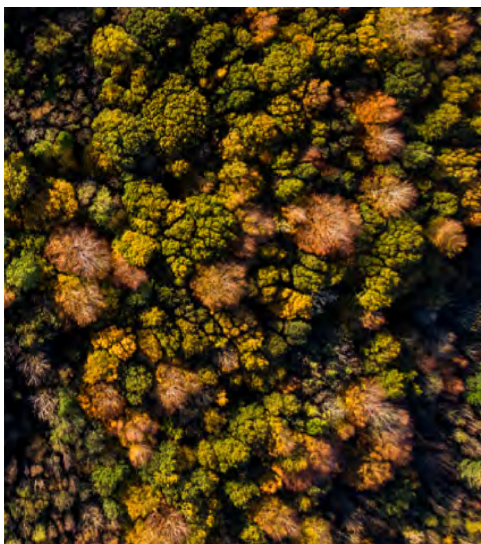
Our comprehensive induction covers everything you will need. We will help you get your student ID card, answer your questions, show you how to login to computers and WIFI, navigate the student hub, use the Yeats Library and lots more.

### STUDENT PROFILER

You can complete a Student Profiler Assessment. The Student Profiler will give you a better understanding of your strengths and challenges through an instant report. The assessment will also highlight any undiagnosed learning difficulties and point you in the direction of all our amazing supports.

**“I was really nervous about starting college, not knowing anyone and starting my new course. Induction really helped me to get to know my classmates and find my way around the campus. Before I knew it, I settled into student life really easily”**

**SULIAT JOY OLAYODE**  
BSc Biomedical Science



# CLUBS AND SOCIETIES

**Joining a club or society is a great way to meet people with similar interests, try out something new or pursue your passion. College life is more than just study. It is also about experiences and friendships. That is why we encourage students to join at least one club or society – and with over 70 to choose from, we have something for everyone!**



## FUN AND FRIENDSHIP

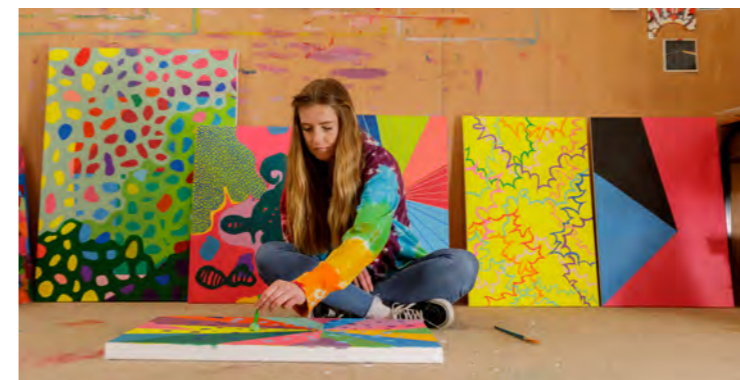
College life is more than just study. It is also about having fun and making friends. Clubs and societies play a big role in this, and we encourage all students to join at least one. It can often be the start of a new passion or a lifelong friendship.

## THE CHOICE IS YOURS

There are over 70 clubs and societies to choose from. These cover everything from archaeology to aikido and gaming to golf. Also, new clubs and societies are formed every year which means you can even start your own!

## CHECK THEM OUT

Our clubs and societies day is held early in the college year. This is an opportunity to sign up to as many of them as you like. The dedicated clubs and societies webpage [itslife.ie](https://itslife.ie) lists the activities taking place each week, and has direct contact information for each club and society. IT Sligo subsidise clubs and societies so that they are free to join, as are most of the activities they offer.



## BELOW ARE JUST SOME OF THE CLUBS AT IT SLIGO

### CLUBS

Aikido	Motorsport
Basketball	Rugby
Badminton	Strongman/ Woman
Boxing	Surf
Cheerleaders	Sub Aqua
Chess	Swimming
Cycling	Table Tennis
Dance	Volleyball
Dodgeball	Disability Inclusion & Sports
Equestrian	Maui Thai / Kickboxing
Golf	
Karate	

## BE ACTIVE GET INVOLVED

**JOINING A CLUB OR SOCIETY IS A GREAT WAY TO MEET LIKE-MINDED PEOPLE**

## BELOW ARE JUST SOME OF THE SOCIETIES AT IT SLIGO

### SOCIETIES

Ag Caint Society	Environmental Society
African Society	Gaisce
Airsoft	Gospel Choir
Archaeology Society	International
Architecture & Design	LGBT+ Society
Art Society	Macra na Feirme
Bio Med Society	Mental Health
Christian Union	Organic Farming
Coding Society	Tea Society
Digital Art Society	Trad Society



# THE STUDENTS' UNION

The IT Sligo Students' Union (ITSSU) is a democratic organisation run by students for students. Once you join IT Sligo you automatically become a member of the Students' Union.

Whilst they organise lots of fun events throughout the year, they are also a valuable support to students who may be having issues. They represent you, support you and make sure you have an unforgettable college experience.

## CALL IN OR HANG OUT

The Students' Union office is located in the Student Services centre. You can drop in to the office if you need someone to talk to, need some advice or want to raise any concerns you have – their door is always open. Not only that, there is also a cool hang-out space with pool tables, sofas and a place to charge your phone. In this building you will also find the Students' Union shop which has food and supplies at reduced prices.

## STUDENT VOICE AND SUPPORT

The Students' Union is a representative voice and source of support for all students. The President attends important college meetings to ensure that students are the focus of every decision made. The Welfare Officer focuses on campaigns to improve every student's physical and mental wellbeing alongside assisting with any accommodation issues. The Education Officer can help with any concerns you may have with your course, timetable or modules.

## REPRESENT YOUR CLASS

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 and IT Sligo departments. Class reps acquire lots of new skills such as negotiation, organisation, leadership and advocacy.

## AWARD WINNING

VICE PRESIDENT OF ITSSU 2020

TARA REILLY

WINNER OF 2 AWARDS

MENTAL HEALTH ACTIVIST OF THE YEAR

MENTAL HEALTH CAMPAIGN OF THE YEAR  
#LIFTINGTHESILENCE

## EVENTS & CAMPAIGNS

### FRESHERS' WEEK

A WEEK FULL OF ON-CAMPUS AND OFF-CAMPUS EVENTS TO HELP YOU SETTLE INTO COLLEGE LIFE.

### FRESHERS' BBQ

A GREAT WAY TO MEET OTHER FIRST YEARS.

### DAY AT THE RACES

GET THE GLAD RAGS ON AND SPEND A DAY AT SLIGO RACECOURSE FOR THE STUDENT RACE DAY.

### SILENT DISCO

JUST ONE OF THE MANY ENTERTAINMENT NIGHTS THE STUDENTS' UNION ORGANISE.

### SHIFT

(SEXUAL HEALTH IN FIRST TERM) & SHAG

(SEXUAL HEALTH AND GUIDANCE)

WHILE THE STUDENTS' UNION MAKE SURE THIS A FUN WEEK, THEY ALSO COVER VERY IMPORTANT TOPICS SUCH AS CONSENT AND PROTECTION.

### MENTAL HEALTH WEEKS

SEVERAL MENTAL HEALTH WEEKS TAKE PLACE THROUGHOUT THE YEAR HIGHLIGHTING SUPPORTS AVAILABLE, COPING SKILLS AND THAT IT IS OK NOT TO BE OK.

### RAINBOW WEEK

WORKSHOPS AND EVENTS TO CELEBRATE ALL LGBTQI+ STUDENTS.

### EXAM DE-STRESS WEEKS

FREE FRUIT AND WATER IN THE LIBRARY AS WELL AS HANDY TIPS AND TRICKS FOR STUDYING.

### STUDENT GALA BALLS

ANOTHER CHANCE TO GET THE GLAD RAGS ON AND GET GLAMMED UP. THE STUDENTS' UNION RUN NUMEROUS BALLS FROM THE CLUBS & SOCIETIES BALL TO INDIVIDUAL FACULTY BALL'S.



## SLIGO'S ONLY STARBUCKS

IS LOCATED IN THE STUDENTS' UNION BUILDING ON CAMPUS





# SPORT FOR ALL

Sport and physical activity play an important role in campus life at IT Sligo. 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 developed a wide range of facilities and 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.

## ACHIEVING ATHLETES

- Develop your talent with the help of our top-class coaches.
- Compete at National or International level - individually or on a team.
- Get the supports needed to excel with our Sports Scholarship Programme.

## PART-TIME PLAYERS

- Play in a sociable environment – with a slight competitive edge.
- A choice of soccer, dodgeball, badminton, volleyball and lots more.
- A great way to try out something new and meet new people.

## HEALTHY HEROES

- If you just want to have some fun and keep active.
- Daily exercise classes ranging from spinning to yoga.
- Use the campus fitness suite, outdoor gym or walking trail.



# SPORTS FACILITIES

We have made significant investment in our sporting facilities over the last number of years. This has resulted in the state-of-the-art facilities we see on campus today. With access available seven days a week, keeping active has never been easier.



## INDOOR

At the centre of our facilities is the Knocknarea Arena. This sporting hub is where you will find our multi-purpose sports hall, state-of-the-art fitness suite and specialised exercise studios. Students can also avail of free fitness consultations and personalised exercise programmes with a member of our qualified fitness team.

## OUTDOOR

We have an International standard eight-lane tartan-surface running track with throwing and jumping facilities. Our newly developed 3G AstroTurf pitch is fully floodlit and FIFA approved. We also have three floodlit grass pitches – A championship standard GAA pitch, FAI certified Soccer pitch and a high-quality training pitch. An outdoor gym is located along the campus walking trail, Sli na Sláinte.

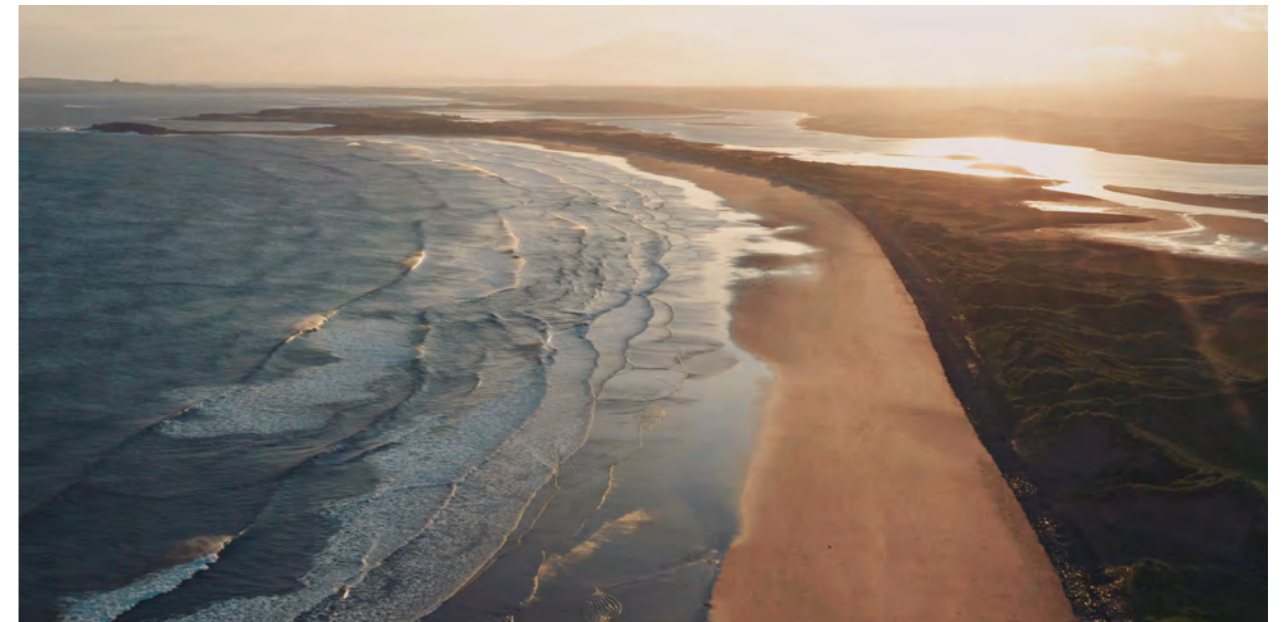
## NEAR OUR DOOR

Off-campus, students can avail of various sporting facilities at heavily discounted rates. The Clayton Hotel, just a two-minute walk from IT Sligo, provides access to a swimming pool, sauna, steam room and jacuzzi. Or for the more competitive swimmer, Sligo Regional Sports Centre has a 25m indoor heated swimming pool. A five-minute drive from campus is Sligo Tennis Club - home to six outdoor floodlit Omni courts, an indoor tennis court, five badminton courts and four squash courts.



# OUR NATURAL FACILITIES

IT Sligo's stunning location along the Wild Atlantic Way lends itself to some breathtaking natural facilities that few, if any, colleges can boast.



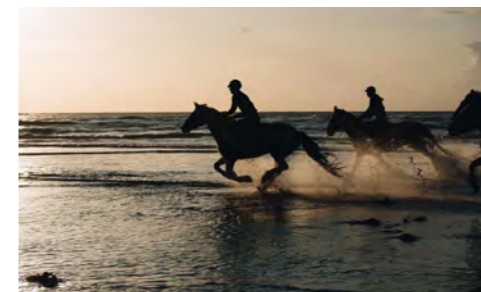
## SAND AND SEA

Strandhill and Rosses Point beaches are located just a 10-minute drive from IT Sligo and are part of Sligo Town's bus route. Here you will find an array of water sports such as surfing, windsurfing or the more relaxing SUP boarding. The North West is renowned for having some of the best waves in the world! Both seaside towns are also home to 18-hole links golf courses – challenging courses, distracting beauty!



## TREKS AND TRAILS

If walking, hill walking or mountain climbing take your fancy then look no further. 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. Cycling trails vary from easy to difficult providing the perfect setting for a challenging circuit or a recovery ride. Equestrian enthusiasts or beginners can benefit from numerous riding stables close to the IT Sligo campus - all accompanied by beach or countryside treks.



## RIVERS AND LAKES

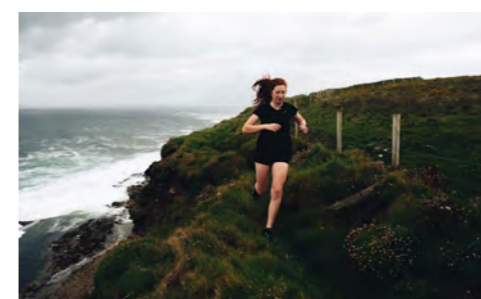
The Garavogue River and Lough Gill provide complete opposites for our keen kayakers – rapid or relaxing, the choice is yours. For those looking to get away from it all, angling options are plentiful. Sea, river or lake – we just hope your catch is as prolific!



SLIGO IS NAMED THE

## SURF COAST OF THE WILD ATLANTIC WAY

FOR GOOD REASON. WHAT MAKES SLIGO SO POPULAR FOR SURFING IS THAT IT HAS THE MOST CONSISTENT SWELL OF ANYWHERE IN EUROPE. ITS SURF IS WORLD-FAMOUS!



# SPORTS SCHOLARSHIP PROGRAMME

**The IT Sligo Sports Scholarship Programme assists talented student athletes reach their sporting potential. If you are a keen sportsperson competing at an elite level, we want to hear from you.**

## LEVELS AND SPORTS

We offer sports scholarships at three different levels – Gold, Silver and Bronze. Up to 70 sports scholarships are awarded each academic year, across a wide range of sports – from GAA, soccer, golf, equestrian and athletics to strongman, surfing, chess, gymnastics and motorsport. No matter what your chosen sport is, if you think you could be eligible then please apply.

## EXTRA CAO POINTS

Bonus CAO points may also be awarded to elite sports people. We encourage individuals to apply before May 1st so they can be considered for this bonus.

## FINANCIAL SUPPORT

Each scholarship level comes with a different financial award. Gold scholarships include €1750 per academic year, Silver €1100 per academic year and Bronze €550 per academic year. Sport Travel Bursaries may also be available to sports scholars competing at national and international level.

## ADDITIONAL BENEFITS

The sports scholarship comes with lots of additional benefits including full use of IT Sligo sports facilities, academic support, and IT Sligo branded sports scholarship gear.

For more information or to apply, go to [itsligo.ie/scholarships](https://itsligo.ie/scholarships)



## JAMIE BRENNAN

### DONEGAL

#### BSC (HONS) HUMAN NUTRITION

Jamie is a prolific inter-county footballer. He was nominated for a GAA All Star in 2019 after an outstanding season for Donegal as they retained their Ulster title.

## CLIODHNA MALONEY

### GALWAY

#### BBS (HONS) SPORT WITH BUSINESS

Clíodhna is an Irish International star who plays her club rugby with London Wasps. Clíodhna only took up rugby during her first year at IT Sligo.



## SARA MC FADDEN

### MAYO

#### BBS (HONS) SPORT WITH BUSINESS

Sara has a truly remarkable story. Born with albinism, and despite being told she would never hold a driving licence, Sara became Ireland's first visually impaired rally navigator in 2018.

## RYAN O'REILLY

### CAVAN

#### BBS (HONS) BUSINESS

Ryan is a versatile defender. He has represented the Republic of Ireland from U15 to U19 Level and played for Stoke City between 2011 and 2016.



## EIBHIA NÍ MHUIREAGÁIN

### LEITRIM

#### BBS (HONS) MARKETING

Eibhia is one of Ireland's top chess players. She has represented her country at numerous international competitions, including at the 2018 Olympia in Batumi, Georgia.

## DEAN CLANCY

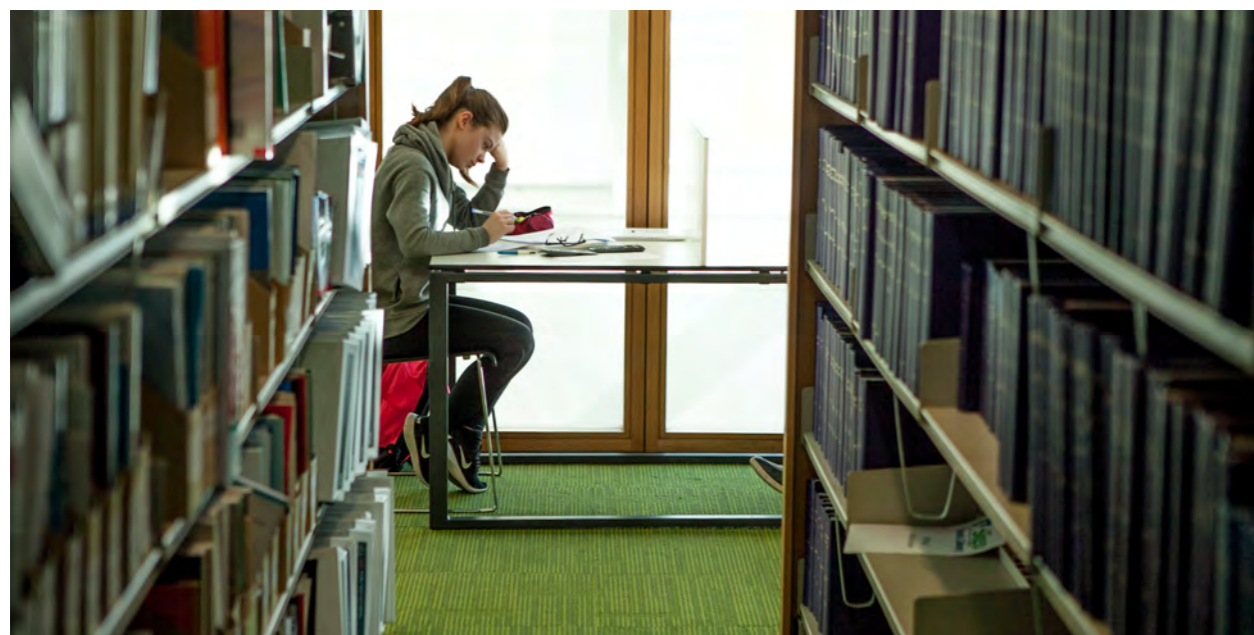
### SLIGO

#### BBS APPLIED SPORT WITH BUSINESS

Dean is a talented boxer and the reigning European U22 63kg champion. He finished fourth at the 2018 Youth Olympics in Argentina and is now focusing on the Paris 2024 Olympics.



# THE YEATS LIBRARY



Located in the heart of the campus, the recently refurbished Yeats Library is an architectural space with student focus at the core of its design. Spread over three floors, this world-class facility provides all the resources a student needs to excel in their programme of study. Open seven days a week from early morning until late night, there are no excuses for not getting stuck into some study!

## QUIET ZONE (TOP FLOOR)

A traditional library area for focused study. Individual study spaces and a strict no talking policy make it the perfect place to go when you don't want to be distracted.

## INFO ZONE (MIDDLE FLOOR)

Experienced library staff at the information desk are here to help with all your queries. This zone has networked PCs, printing and photocopying services, books, journals and so much more. You can even rent DVDs – it is important to unwind after all!

## LEARNING ZONE (BOTTOM FLOOR)

An open-plan study area with a choice of seating options make it a very flexible workspace. An ideal location to plug in your laptop or sit and discuss group projects with your friends. Students can also book one of the library presentation rooms free of charge.

**140,000+**

E-BOOKS AND E-JOURNALS

**24/7**

ONLINE ACCESS

**700+**

WORKSPACES

**70,000+**

PRINTED BOOKS

# STUDENT SUPPORTS

**Our Student Supports Team are here to help you with any concerns or worries you may have. If it's important to you, it's important to us. Our warm, friendly staff will deal with your concerns or worries in a confidential and sensitive manner. They will take care of your wellbeing and ensure you get through any difficulties you may have.**

## ACCESS OFFICE

If you have special learning needs, a disability or any circumstances which might need individual consideration, our Access Office is here to help. Alongside coordinating these services, the Access Office also deals with financial supports such as The Student Assistance Fund and The 1916 Bursary Fund. Additional supports for our Higher Education Access Route (HEAR) and Disability Access Route (DARE) applicants are also organised through this office. Find out more about HEAR and DARE on page 165.

## LEARNING SUPPORT

Our dedicated learning-support tutors support students who have dyslexia or other specific learning difficulties. Students have access to the latest assistive technology and can engage with the 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.

## DISABILITY SUPPORT

Our disability-support service provides an individual support plan tailored to the specific needs of the student. Engagement with other relevant staff ensures appropriate plans are in place. This plan combined with ongoing advice, assistive technology and support enables students to reach their full potential.

## ASSISTIVE TECHNOLOGY

A range of comprehensive and extremely modern assistive-technology supports are available at IT Sligo. It is central to our facilitation of students with disabilities or learning difficulties. Supports include an assessment matching the student to technology which maximises productivity and independence, training in how to use the technology and full access to our dedicated assistive-technology suite. Some of the technologies include text-scanning pens, Echo Smart Pens, magnifying technologies, Mind Genius and Read and Write Gold.

## ADMISSIONS OFFICE

The Admissions Office provide ongoing support in areas such as admissions, registration, grants, fees and examinations. With an on-campus office open from Monday to Friday plus options to contact them through phone or email, staff are always on hand to help with any queries you may have.

## COUNSELLING

Our Professional Counselling Service is free-of-charge to all students. The service gives individuals the opportunity to explore any issue which may be impacting on their mental health and general well-being, all in a confidential setting with our experienced team.

## HEALTH

The Health Service Team provides care to all students free-of-charge. The team, which is 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.

## PASTORAL CARE

The Pastoral Care Team supports students in their personal and spiritual growth during their time at IT Sligo. Students are always welcome to drop into the team for a chat. The pastoral care service is available to students of all faiths and those who have none. The multi-faith prayer room known as The Sanctuary offers a quiet space for reflection and prayer.

**“As somebody with dyslexia, the supports at IT Sligo are amazing. I met with the Access Office before classes started. I was introduced to all the supports available and together we formed a plan for my studies. The Academic Writing Centre has been particularly beneficial to me.”**

**ELAINE NÍ NIAIDH**  
BSc (HONS) FORENSIC  
INVESTIGATION AND ANALYSIS

# ACADEMIC SUPPORTS

Support is our priority. We have invested heavily in our learning facilities to ensure our students have access to the latest enhancements in technology and are supported throughout their academic journey.



## ACADEMIC WRITING CENTRE

The thoughts of the first assignment can be a daunting prospect for many. Therefore, students of all ages and abilities can benefit from our Academic Writing Centre. Supports include getting started with assignments, effective notetaking, report writing, avoiding plagiarism and successful writing in exams. And of course, 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. Online resources such as a grammar checker, academic phrasebank and an essay planner are available. In addition, students can earn a digital badge at their own pace with our self-directed academic writing programme.

## MATHS SUPPORT CENTRE

Maths is a subject that even the most capable student can struggle with. That is why we have established the Maths Support Centre. This innovative and friendly centre offers the supports 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. Leaving Certificate students can also avail of free maths revision resources each year, keep an eye on our social media channels to find out more!

## TECHNOLOGY SUPPORT

Technology continues to play a pivotal role in our everyday lives – and education is no different. That is why we have several structures in place to support our students learning experience. We have free Office 365 to download to your own devices plus free unlimited One Drive data storage. This allows students to study or access their data anywhere in the world, at any time. Discounted offers on PCs, Macs, tablets and broadband will help with costs. Alternatively, just ask about our short-term free IT Equipment rental. IT Sligo has free campus-wide high-speed WIFI also.

## ENGLISH LANGUAGE SUPPORT

Free English language support is available to all students, no matter their language level. Online content, resources and tests are available for students to work through at their own pace alongside live classes and supports.

# PATHWAYS TO SUCCESS

**There are multiple ways to achieve your career goals. A degree from IT Sligo 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. We have common entry built in to all our Engineering and Computing programmes and four of our Science programmes. Meanwhile, Business students can specialise in Finance, Marketing or Human Resource Management in the final year of our honours degree.

## TEACHER TRAINING

A number of our honours degree programmes meet Teaching Council subject requirements. To become a fully qualified secondary school teacher, students need to complete a Professional Master of Education after they graduate. The honours degree itself will allow students to pursue numerous other careers. Therein lies the beauty of these degrees - go straight into the working world or use it as a stepping stone to a career in teaching. These options allow much more career flexibility.

## ALTERNATIVE ROUTES

There is never just one way to accomplish your goals. Here at IT Sligo, 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 such as physiotherapy, radiography and occupational therapy. Our Writing & Literature degree can lead to a career in journalism. As you read this prospectus, study carefully the graduate destinations on each programme page to see all these wonderful routes.

## 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. This, alongside our commitment to academic excellence in applied learning, makes IT Sligo graduates stand out from the crowd. To see a full list of our professional accreditations, please go to page 158.







# WORK EXPERIENCE

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

### REAL-WORLD EXPERIENCE

An excellent starting point for your career and it will look great on your CV. Real-world experience makes you much more employable.

### MAKING AN IMPRESSION

The old saying getting a “foot in the door” is very apt here. As we have seen many times before, leaving a good impression during work placement can lead to job offers. Translating book knowledge into a working situation is a valuable skill employers look for.

### NETWORKING

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.

### INSIGHTS

You gain 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.

**90%**  
OF OUR COURSES INCLUDE  
WORK PLACEMENT



“I believe the wide range of business modules covered, practical project research, team-work and work experience gained during my time at IT Sligo gave me an advantage in progressing my career. My four month work placement allowed me gain extra knowledge that I could apply to my course, and helped me decide what area of business I wanted to pursue my career in.”

**EMMA GILROY**  
BBS (HONS) BUSINESS  
SENIOR DIRECTOR, HEAD OF GLOBAL CUSTOMER OPERATIONS,  
ADROLL GROUP, NEW YORK



# STUDY ABROAD

If you are looking for an unforgettable experience during your time with us, 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.

**OUR DEDICATED INTERNATIONAL OFFICE ARE ON HAND TO MAKE THIS HAPPEN**



## CAREER BENEFITS

This will look great on your CV. 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.

## PERSONAL BENEFITS

You will gain new knowledge and develop language skills. You will develop as a person as you step out of your comfort zone. 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

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

## FUNDING

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



“Taking up the opportunity to travel around different parts of Spain has given me so many memories and helped me grow mentally and emotionally. If I had the chance to do this all over again, I would in a heartbeat.”

**SWET MEI TIANG**  
BBS (HONS) MARKETING



# CAREERS

Our dedicated careers team are passionate about finding every student a career and future they will love. Through a variety of supports, they can help you realise your career goals. The team work closely with the graduate recruitment market and know exactly what skills employers are looking for. From your first year of study through to graduation and during your working life, the team will be here for you.

## 95%

**OF OUR GRADUATES' SECURE EMPLOYMENT OR CONTINUE WITH FURTHER STUDY STRAIGHT AFTER COLLEGE.\***

\*Graduate Outcome Survey, Class of 2020

### CAREERS TEAM

In the heart of our campus is the Careers Office. Students can book an appointment with a member of our careers team. They advise on career options and postgraduate studies, whilst assisting with the completion of application forms including UCAS, PAC, job specific applications and many more. They also ensure students CVs and interview skills are at a very high standard.

### CAREERS WORKSHOPS

Each year, the careers team deliver several workshops such as Effective Job Search, CV Writing, Interview Skills, Postgraduate Progression Options and Writing Personal Statements, to name a few.

### CAREERS FAIRS AND EMPLOYER TALKS

Three faculty Careers Fairs are held in October and an employer-led Webinar Wednesday series takes place throughout the academic year. Many of these employers are past graduates of IT Sligo, seeking to recruit a new generation of talent.

### CAREER JOURNEY

There are many opportunities to meet with recruiters each academic year, thanks to our well-established links with local, national and international employers. In addition, our online careers services platform, gives our students and graduates access to hundreds of jobs and recruitment events.



“I met with Amazon at the IT Sligo Careers Fair. Shortly after this, I completed my application and received a job offer as a Graduate Cloud Support Associate before I had finished my studies. My starting salary was €44,600.”

**MATTHEW MCMEEKIN**

BSC (HONS) COMPUTER NETWORKS AND CYBER SECURITY

# GLOBAL ALUMNI

## Where IT Sligo Graduates Are Now

**1 David Hannon,**  
BSc Construction Management, Consultant at SBC International, Russia

**2 Yoann Colange,**  
BBS Business, English Teacher chez Dongbei University of Finance and Economics Dalian, China

**3 Kahna Gilligan**  
BA Accounting, Finance Manager at Red Wood SFO Limited, United Arab Emirates

**4 Mahmoud Said**  
BSc Construction Project Management, Senior Project Manager at The Red Sea Development Company, Saudi Arabia

**5 Ah O,**  
BSc Pharmaceutical Science, Head of NPIs and Technical Operations at Johnson & Johnson, Japan

**6 Laura O'Byrne,**  
BSc Health Science and Physiology, Head of Physiotherapy at Health2u, Singapore

**7 Aaron Heavey,**  
BSc Software Development, Business Development Manager at Carnac Group, Australia

**8 Grainne Byrne,**  
BA Social Care Practice, Team Manager at Key Assets, New South Wales, Australia

**9 Dawn O'Shea,**  
BA Interior Architecture Interior Designer, Silver Thomas Hanley, Perth, Australia

**10 Christina Egan,**  
BA Early Childhood Care and Education, Centre Director, Wellington Childcare, New Zealand

**11 Zara Dolan,**  
BA Fine Art, Artist and Teacher, New Zealand

**15 Oisín Foley,**  
BSc Software Development, Software Engineer at Jayway by Devoteam, Copenhagen, Denmark

**12 Brendan Curran,**  
BBS Business, Director of Service Delivery at Ten Lifestyle Group, Cape Town, South Africa

**13 Ian Nell,**  
BEng Mechatronics, Industrial Automation Consultant at Visual Management Systems Ltd, Johannesburg, South Africa

**14 Deividas Mituzas,**  
BSc Computer Networks and Cyber Security, IT Licensing Contract Manager at Vinted, Lithuania

**16 Robert Andrukiewicz,**  
BEng Mechatronics, Senior Automation Specialist at Polfa Warszawa S.A., Poland

**17 Darren Mc Granaghan,**  
BA Performing Arts, Costume Coordinator at Constantin Film, Berlin

**18 Anthony Mannion,**  
BEng Mechanical Engineering, Advanced Inventor Designer at Falkbuilt Ltd., Calgary, Canada

**19 Matthew Tucker,**  
BA Fine Art, Visual Artist, Painter, Animator, Brooklyn, New York

**20 Kristina Mc Grath,**  
BSc Quantity Surveying Estimator and Project Manager, New York

**21 Colin Keane,**  
BEng Mechanical Engineering, Manufacturing Design Engineer at Apple, San Francisco

**22 Lígia Sell,**  
BA Interior Architecture, Project Director at Pizel, Brazil

**23 Agathe Brenet,**  
BBS Business, Marketing Director at DESEN, Puebla, Mexico

**24 Aidan Berry,**  
BSc Construction Management, Construction Director at ISG, Kuala Lumpur, Malaysia

**25 Conal Gilmore,**  
BSc Quantity Surveying, Quantity Surveyor at Linesight, Seattle

**26 Tanya Herarty,**  
BSc Medical Biotechnology, Analytical Technology Specialist II at Abbvie, Ireland

**27 Eamonn Carty,**  
BSc Occupational Safety and Health, Health & Safety Director at Carey Ltd., London



# INTERNATIONAL STUDENTS



**Starting college is a massive step for anyone. When you add in moving to a new country at the same time, then this step is even greater. From your first day through to graduation, we will make you feel welcome and part of the IT Sligo family.**



**Our community is made up of over 36 nationalities, giving us a vibrant and inspiring campus. We pride ourselves on being friendly and welcoming, so asking questions, meeting new people and making new friends couldn't be easier.**

## INTERNATIONAL OFFICE

Our dedicated International Office will help with the admissions process and support you throughout your time at IT Sligo. No matter what the question – the International Office are always on hand to help. You can contact them on [internationaloffice@itsligo.ie](mailto:internationaloffice@itsligo.ie)

## INTERNATIONAL INDUCTION

This specially tailored induction takes place before the start of term. Students meet members of staff, go on a campus tour, take part in icebreakers and lots more. It is also a great way to make new friends.

## INTERNATIONAL SOCIETY

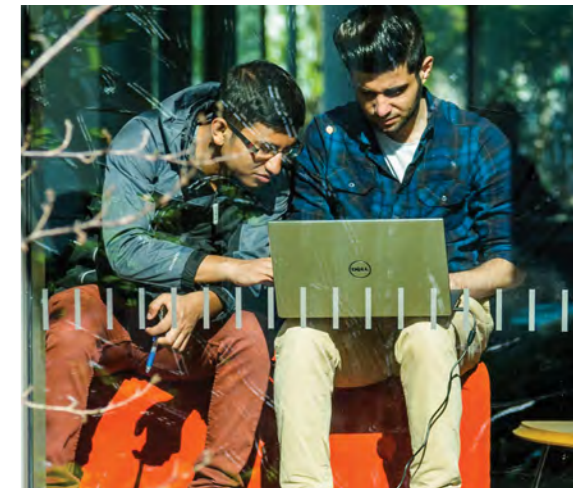
This society has over 150 members. Their goal is that each member gets to know as many new people as possible. They do this through organising a range of field trips, nights out and weekends away.

## INTERNATIONAL DEGREE

Whilst experiencing a new culture and way of life is important, we also understand your education is top priority. An IT Sligo degree can take you anywhere in the world.

**“I would encourage all International Students to take this journey if they have the opportunity. IT Sligo is a very safe place and you won't be long making new friends.”**

**ANGELA KOSKO**  
BSc (Hons) Human Nutrition, Italy



THERE ARE

**322**

FULL-TIME  
INTERNATIONAL  
STUDENTS  
REPRESENTING

**36**

COUNTRIES  
WORLDWIDE

 **EDUCATION  
IN IRELAND**  
WORLD-CLASS STANDARDS  
WARMEST OF WELCOMES

# MATURE APPLICANTS

Returning to education takes courage. We welcome over 100 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.

## MATURE INDUCTION

We run a bespoke induction day tailored to our new mature students which takes place before the main college induction. Here you will have an opportunity to meet fellow incoming mature students, get advice from current mature students, attend workshops and get information on supports available.

## STUDENT 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.

## OUR LECTURING STAFF

Not only do we have the best lecturer-to-student ratio in Ireland, we also pride ourselves on the welcoming and supportive environment our lecturers create. Not just a number, our staff are always on hand to help with any questions you may have.

## GRANTS

There are several grants available to mature students including SUSI, The Back to Education Grant and The 1916 Bursary Fund. For more information on these please contact [admissions@itsligo.ie](mailto:admissions@itsligo.ie)

## CLUBS AND SOCIETIES

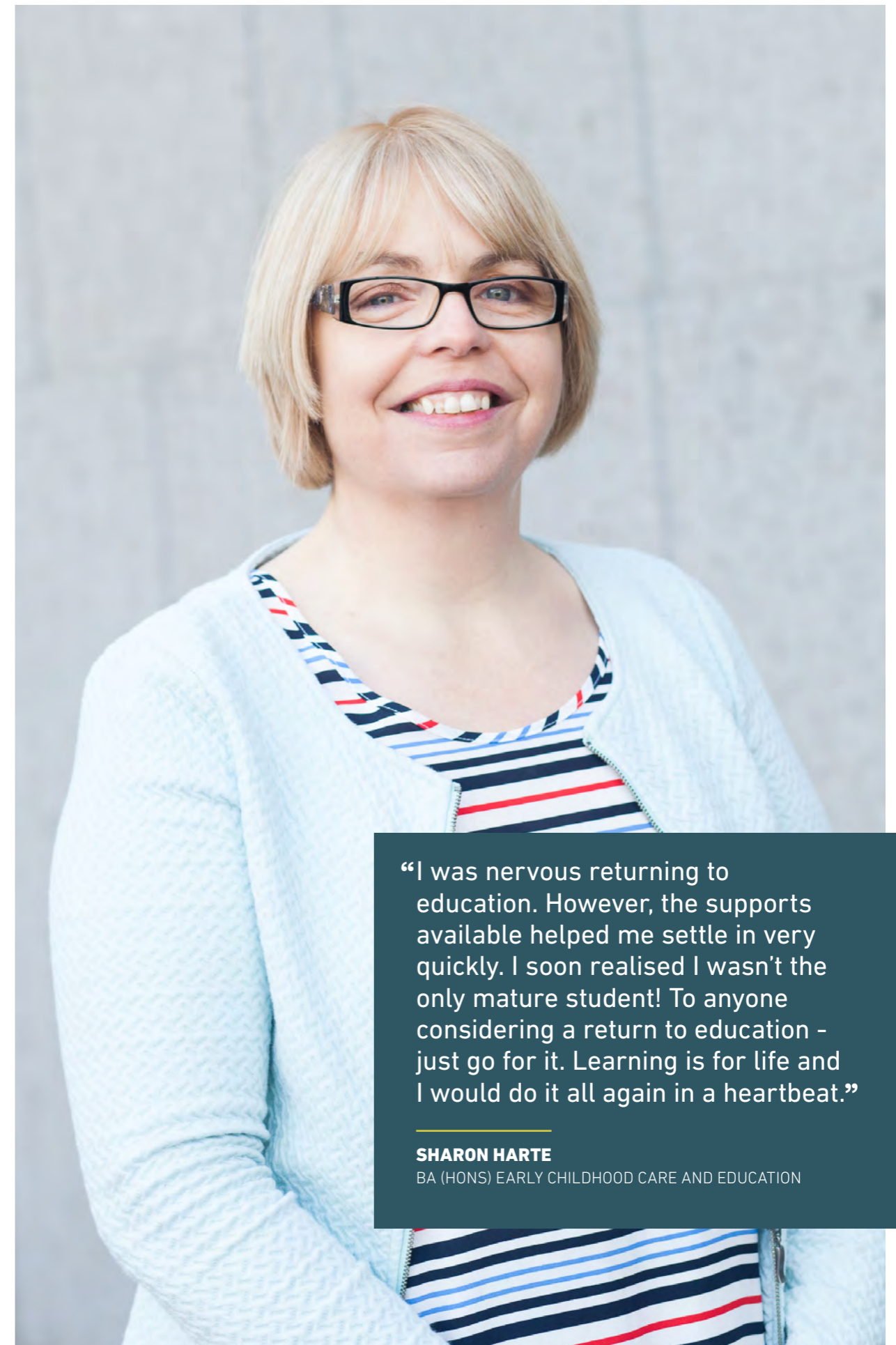
Clubs and societies are a great way to make new friends, try out something new or pursue your passion. With over 70 Clubs and Societies to choose from, including the Mature Student Society, we have something for everyone.

## ENTRY REQUIRMENTS

The sole criterion for qualification as a mature student in IT Sligo is age. You are required to be over 23 on January 1st of the calendar year of application. To make an application go to [www.cao.ie](http://www.cao.ie)

# 13%

OF STUDENTS ON CAMPUS ARE MATURE STUDENTS

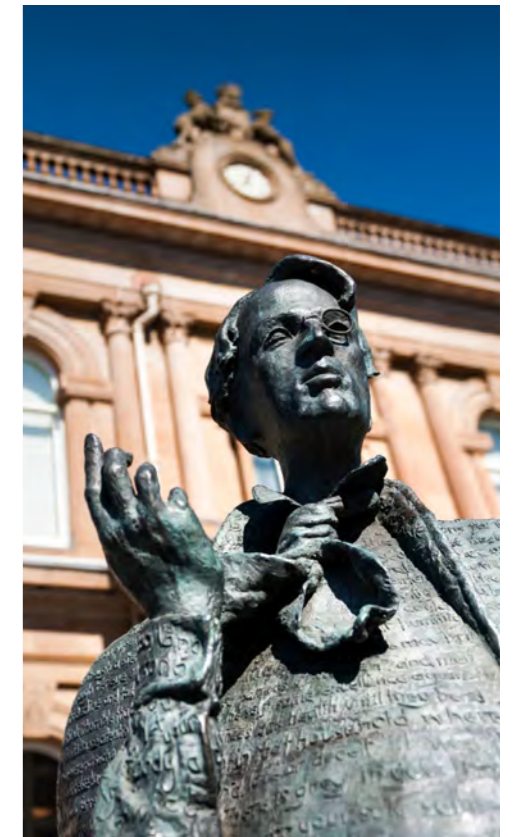
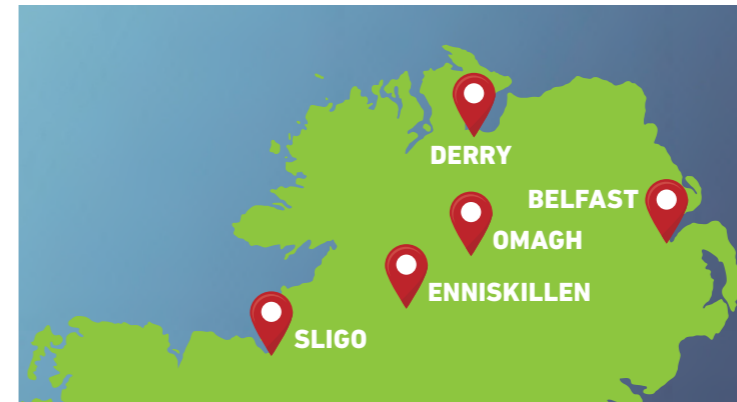


“I was nervous returning to education. However, the supports available helped me settle in very quickly. I soon realised I wasn't the only mature student! To anyone considering a return to education - just go for it. Learning is for life and I would do it all again in a heartbeat.”

**SHARON HARTE**

BA (HONS) EARLY CHILDHOOD CARE AND EDUCATION

# NORTHERN IRELAND APPLICANTS



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

## FEES

At €3000 per year, the student contribution fee is significantly less than in Northern Ireland and the UK.

## GRANTS

Northern Irish students can apply for a fee grant through SUSI (Student Universal Support Ireland). SUSI is Ireland's awarding authority for further education grants. Unlike student loans, fee grants do not have to be paid back. For more information see [www.susi.ie](http://www.susi.ie)

## LOANS

Students can also 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.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

## THE APPLICATION PROCESS

Applications open on November 5th and are made through the CAO. The application process is very straight forward with no personal statement required. Applicants can choose up to 20 different courses. These can be amended or rearranged up until July 1st. For more information or to apply visit [www.cao.ie](http://www.cao.ie)

## FEES

ARE AT LEAST

# 43%

## CHEAPER

THAN IN NORTHERN IRELAND AND THE UK\*

\*Based on July 2021 exchange rates

## ENTRY REQUIREMENTS

To view our entry requirements and how the points system works please go to page 164. If you have any questions regarding entry requirements or the application process, please contact us at [admissions@itsligo.ie](mailto:admissions@itsligo.ie)

## A WORLDWIDE DEGREE

A degree from IT Sligo can bring you anywhere in the world. We have graduates employed in every corner of the globe - there are no limits to what you can do.

“The CAO application was very simple, far simpler than the UCAS application process with no personal statement required. The fees are much less than in Northern Ireland too. When I attended an open day I was made feel very welcome. I was amazed by the facilities and modern, sleek look of IT Sligo. The people here are all so friendly and I love living in Sligo. Its a phenomenal place!”

### CAITLYN REA, TYRONE

BSc (Hons) Forensic Investigation and Analysis

## TRAVEL TIME FROM SLIGO

ENNISKILLEN

**1 Hour**

OMAGH

**1.5 Hours**

DERRY

**2 Hours**

BELFAST

**2.5 Hours**



**WELCOME TO THE**

# **FACULTY OF BUSINESS AND SOCIAL SCIENCES**

## **WITHIN THIS FACULTY WE HAVE THREE DEPARTMENTS**

<b>DEPARTMENT OF BUSINESS</b>	<b>60</b>
<b>DEPARTMENT OF MARKETING, TOURISM &amp; SPORT</b>	<b>68</b>
<b>DEPARTMENT OF SOCIAL SCIENCES</b>	<b>76</b>

## **Why Business and Social Sciences**

There is high demand for business and social science graduates in today's dynamic world. Qualifications in these areas open doors due to the broad range of valuable transferable skills. Graduates of our faculty are highly sought after, working at the highest levels across a wide range of industries and sectors both nationally and internationally.





# WHY IT SLIGO?

## MODERN LEARNING

The faculty building has been renovated recently to a modern finish. The space is bright and contemporary, offering the space & facilities to encourage study and collaboration. Our lecturers are passionate and engaging. They are experts in their field; combining academic theory with their industry experience in the class.

## MORE THAN JUST A DEGREE

A wide range of programmes are on offer from Level 6 Higher Certificate awards to Level 10 PhD doctorate awards. Many of our programmes provide professional accreditations, professional exam exemptions, additional external qualifications and numerous progression routes into professional careers. With strong research resources in the faculty, our students are supported at every level.

## EXTERNAL ENGAGEMENT

Our faculty values its strong links with industry and professional bodies. Programme teams are engaged with industry and the community to ensure the continued relevance of our programmes and the employability of our graduates. Work placement and project work allow students to put the theory into practice and learn soft skills such as working as a team and communicating effectively.

## STUDY ABROAD

We offer opportunities for our students to study abroad or take a work placement abroad as part of their study. Often funded, students can improve their language, communication and adaptability skills, while gaining confidence and independence in a new environment and culture.

# PROGRAMME PROGRESSION ROUTES

		YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9 & 10
<b>BUSINESS</b>						
SG141	LEVEL 8	BACHELOR OF BUSINESS (HONOURS) (COMMON ENTRY)			CHOOSE SPECIALITY YEAR 4 » BUSINESS » FINANCE » MARKETING » HRM	LEVEL 9 TAUGHT MASTERS & MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG536	LEVEL 7	BACHELOR OF BUSINESS (COMMON ENTRY)			ADD ON OPTION BBS (HONOURS) IN CHOSEN SPECIALITY » BUSINESS » FINANCE » MARKETING » HRM	
SG101	LEVEL 6	HIGHER CERTIFICATE IN BUSINESS (COMMON ENTRY)		ADD ON OPTION PROGRESS TO YEAR 3 LEVEL 7 BBS	ADD ON OPTION BBS (HONOURS) IN CHOSEN SPECIALITY » BUSINESS » FINANCE » MARKETING » HRM	
SG535	LEVEL 7	BACHELOR OF BUSINESS IN BUSINESS ADMINISTRATION			ADD ON OPTION LEVEL 8 BBS (HONOURS)	
SG145	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN BUSINESS & ICT				
SG146	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN ACCOUNTING				
<b>MARKETING, TOURISM &amp; SPORT</b>						
SG150	LEVEL 8	BACHELOR OF BUSINESS (HONOURS) IN MARKETING				LEVEL 9 TAUGHT MASTERS & MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG139	LEVEL 7	BACHELOR OF BUSINESS IN MARKETING			ADD ON OPTION BBS (HONS) IN MARKETING	
SG151	LEVEL 8	BACHELOR OF BUSINESS IN TOURISM & EVENT MANAGEMENT				
SG140	LEVEL 7	BACHELOR OF BUSINESS IN INTERNATIONAL TOURISM & EVENT MANAGEMENT			ADD ON OPTION PROGRESS TO YEAR 3 LEVEL 8 BBS (HONS) IN TOURISM WITH EVENT MANAGEMENT	
SG147	LEVEL 8	BACHELOR OF BUSINESS (HONOURS) IN SPORT WITH BUSINESS				
SG134	LEVEL 7	BACHELOR OF BUSINESS APPLIED SPORT WITH BUSINESS			ADD ON OPTION BBS (HONOURS) IN CHOSEN SPECIALITY » SPORT WITH BUSINESS » BUSINESS » MARKETING » HRM	
<b>SOCIAL SCIENCES</b>						
SG243	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN SOCIAL CARE PRACTICE				LEVEL 9 TAUGHT MASTERS & MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG242	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN EARLY CHILDHOOD CARE & EDUCATION				
SG247	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN ENGLISH & PSYCHOLOGY				
SG248	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN SOCIOLOGY & POLITICS				
SG255	LEVEL 8	BACHELOR OF ARTS (HONOURS) IN LAW & BUSINESS				

**BACHELOR OF BUSINESS (HONOURS)****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. We offer practical experience of the workplace, deepening the student's understanding of the business environment and adding to his or her employability gaining transferable key skills. Students study core business areas throughout their studies before choosing their specialist stream in Year Four. This offers students the flexibility to explore the various aspects of business before committing to a specialisation.

Students on this business programme can study or take work placement abroad. This allows the student to gain first-hand experience in an international environment, working with different cultures and languages and explore a new way of life. Communication is an extremely important aspect to any business and with our marketing and computer applications modules, students will learn how to effectively promote their business and engage with their community.

**PROGRAMME OVERVIEW:**

**Year One:** The first year focuses on providing the student with foundation knowledge in core business areas, including Accounting Principles, Business Management, Marketing Strategy, Business Mathematics, Information Technology Skills and Understanding the Dynamics of an Organisation.

**Year Two:** Student knowledge and understanding of key business elements is broadened with the introduction of Business Law, Economics, Management Accounting and Enterprise Development.

**Year Three:** In third year, students have the option of either undertaking a work placement or a semester abroad.

**Year Four:** In the final year, students take one of the specialist streams in Finance, Marketing or HRM. Students' analytical and research skills are enhanced by completing a research dissertation, which allows a valuable opportunity to explore an area of interest in more detail.

**SPECIAL FEATURES:**

Level 8 graduates are eligible to sit the Marketing Institute Graduate entry examination to acquire a professional marketing accreditation (MMII Grad).

**GRADUATE DESTINATIONS:**

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.

AskBusiness@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG141**  
 CAO Points: **261**  
 Duration: **4 Years**  
 Number of Places: **30**  
 Work placement: **Yes**  
 Erasmus+: **Yes**  
 Professional Accreditation:  
**Yes**

[www.itsligo.ie/SG141](http://www.itsligo.ie/SG141)

Graduates may advance to postgraduate study, teacher training for second level business teaching, or study for professional qualifications in accounting or marketing.

**SUCCESS STORY:**

**“I could clearly illustrate my understanding and knowledge of real business challenges coming fresh out the door from IT Sligo, thanks to the wide range of business modules covered, work experience and team projects.”**

**Emma Gilroy,**

Senior Director, Head of Global Customer Operations, Adroll Group, New York.

**PROFESSIONAL ACCREDITATION:**

**“I chose to study business because it did not confine me to one particular role. It allowed me the opportunity to explore areas such as marketing, finance and HR management before specialising in my final year. I also completed an Erasmus semester abroad during my studies and loved it. There are so many career paths you can take with a business degree.”**

**LEANNE MORAN - SLIGO**  
 BBS (HONS) BUSINESS

## BACHELOR OF BUSINESS HIGHER CERTIFICATE IN BUSINESS

# BUSINESS

### PROGRAMME DESCRIPTION:

These programmes focus on 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. Students are given a foundation in theoretical principles and are involved in a wide range of practical exercises. Studying a business course such as these teach students important transferable key skills, essential for business today. Individual and group projects are an integral part of the programme.

### PROGRAMME OVERVIEW:

**Year One:** Students will be equipped with knowledge on core business areas such as Accounting Principles, Business Management, Marketing Principles, Business Mathematics, Information Technology Skills and Understanding the Dynamics of an Organisation.

**Year Two:** In second year, students study core business areas at a more advanced level, with modules and practicals in Accounting, Business Management and Information Technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of Business Law, Economics, Management Accounting and Enterprise Development.

**Year Three (Level 7):** Students study more advanced business topics in the management area, with a focus on Operations, Human Resources Management and Marketing and Finance.

### GRADUATE DESTINATIONS:

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.

Graduates of the Level 7 qualification can progress to the Bachelor of Business (Hons) Degree at IT Sligo or in other higher education Institutions. Higher Certificate (Level 6) students can progress to the Ordinary Degree (Level 7) in Business.

### SPECIAL FEATURES:

Our lecturers not only have the academic knowledge but also the industry experience to get students acquainted with business opportunities and challenges. Students gain current industry insights from staff and guest speakers from across the business world who continually inspire students.

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Award:  
**Ordinary Degree (Level 7)**  
**Higher Certificate (Level 6)**  
CAO Code:  
Level 7: **SG536**  
Level 6: **SG101**  
CAO Points:  
Level 7: **223**  
Level 6: **160**  
Duration: **2/3 Years**  
Number of Places: **30**  
Erasmus+: **Yes**  
Work Placement: **Yes**

L7: [www.itsligo.ie/SG536](http://www.itsligo.ie/SG536)

L6: [www.itsligo.ie/SG101](http://www.itsligo.ie/SG101)

### QUICK TIP:

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. Put down all three levels on the CAO to be sure of a place on these highly sought after programmes.

### STUDENT STORY:

**“The Level 6 route gave me the flexibility to decide later how far I’d go with my studies. I’m glad to say I love it and will continue to the level 8 degree. I will end up with the exact same honours degree in the same length of time than if I joined the level 8 course.”**

**Karolina Freda,**

Higher Certificate in Business



**“The smaller class size made it easy to get to know everyone and make friends. The lecturers are all very helpful too. There is a wide variety of modules on the course which really interest me such as accounting, law and management. Getting to branch off into a specific area in the final year is something I look forward to. Having studied German in secondary school, I also loved having the option to study a language as part of this degree.”**

**NIALL MORAHAN - LEITRIM**

BBS (HONS) BUSINESS - SLIGO ROVERS SENIOR PLAYER

## BACHELOR OF BUSINESS

# 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. It provides an interactive learning experience with a focus on practical laboratory classes, case studies and problem-based learning.

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. Over the three-year programme, students undertake five mandatory modules and one elective module during each semester.

## PROGRAMME OVERVIEW:

**Year One:** The first year focuses on foundation knowledge in core business areas, including Accounting Principles, Payroll, Business Management, Business Mathematics, Computer Applications and Understanding the Dynamics of an Organisation.

**Year Two:** Students study core business areas in greater detail, with modules and practical sessions in Accounting, Business Management, and Information Technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of Business Law, Economics, Management Accounting and Managing the Office Environment.

**Year Three:** Students study Accounting and Information Technology, Economics, People Management, Selling and Customer Care Management. They also undertake a work placement in this year.

## GRADUATE DESTINATIONS:

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. Graduates may progress to the add-on Bachelor of Business Degree Level 8 at IT Sligo or at other higher education Institutions.



AskBusiness@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
 CAO Code: **SG535**  
 CAO Points: **228**  
 Duration: **3 Years**  
 Number of Places: **30**  
 Work placement: **Yes**  
 Erasmus+: **Yes**

[www.itsligo.ie/SG535](http://www.itsligo.ie/SG535)

## QUICK FACT:

Leaving Certificate Mathematics is not required to study this programme.

## WORK PLACEMENT:

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

## STUDENT STORY:

**“This course offered me a wide range of career paths when I graduated. The skills and knowledge I learned can be used across different work environments and roles.”**

**Mabel Chah,**  
 BBS Business Administration

AskBusiness@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG145**  
 CAO Points: **NEW**  
 Duration: **3 years**  
 Number of Places: **25**  
 Work Placement: **No**  
 Erasmus+: **Yes**  
 Professional Accreditation: **Yes**

[www.itsligo.ie/SG145](http://www.itsligo.ie/SG145)

## PROGRAMME OVERVIEW:

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.

**Year One:** Students begin by studying introductory modules in the core areas within Business and ICT. Some modules include Skills for Success Marketing, Organisational Behaviour, ICT Applications, Web Design and Computer Networking.

**Year Two:** In second year, students develop their skills in Business and ICT. Some modules include Management, Finance, Law, Data Visualisation, Computer Programming and Internet of Things.

**Year Three:** In the final year, students enhance their skills by studying modules such as

## BACHELOR OF ARTS (HONOURS)

# BUSINESS & 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 the digital technologies to transform their business. This course has been designed to equip students with the skills to help support and lead business through this digital transformation.

Strategic Management, Digital Transformation, Economics, Cloud Computing, Computer Security & Cryptography and Artificial Intelligence. A research project on a topic of choice concludes final year.

## SPECIAL FEATURES:

Use this programme as a stepping stone into a post primary teaching career for both Business and ICT subjects.

Scholarships are available for highly engaged students throughout this programme.

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

## GRADUATE DESTINATIONS:

The course 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 include post-graduate studies by research to either Masters (Level 9) or PhD (Level 10). Graduates can also apply to undertake a Professional Masters of Education (PME) to become a post-primary school teacher.

## PROFESSIONAL ACCREDITATION:

### Teaching Council

The course 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 course 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.



“I secured a job as a Trainee Accountant before I graduated. Having maximum exemptions from the professional accountancy exams really helps IT Sligo Accounting students stand out. The lecturers always had a keen interest in every student too. They helped prepare us for employment and have excellent industry contacts.”

**LISA FLYNN - SLIGO**  
BA (HONS) ACCOUNTING  
TRAINEE ACCOUNTANT

AskBusiness@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG146**  
CAO Points: **309**  
Duration: **3 Years**  
Number of Places: **30**  
Work placement: **Yes**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG146](http://www.itsligo.ie/SG146)

## BACHELOR OF ARTS (HONOURS)

# ACCOUNTING

### PROGRAMME DESCRIPTION:

After three years, graduates will hold an Honours Degree in Accounting and will qualify for generous exemptions from all the professional accountancy bodies in Ireland. The 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 will have the ability to apply this knowledge in problem-solving.

### PROGRAMME OVERVIEW:

**Year One:** The first year is focused on giving students foundation knowledge in core business areas, including Accounting Principles, Business Management, Business Law, Business Mathematics, Information Technology Skills and Understanding the Dynamics of an Organisation.

**Year Two:** Students explore core business areas in greater depth. Modules include Management Accounting, Financial Reporting, and Information Technology. Knowledge and understanding of key business disciplines are broadened with the Introduction of Company Law, Economics, and Business Management. Opportunity to avail of a summer internship at the end of year two.

**Year Three:** Students study more advanced accounting topics with a focus on financial management and strategic thinking. Students also explore their career options.

### SPECIAL FEATURES:

On completion of the 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. No other University or Institute of Technology in Ireland offer more exemptions from the professional accountancy exams than IT Sligo.

### GRADUATE DESTINATIONS:

Most graduates progress to a professional accounting qualification. Graduates also pursue careers in finance, banking and financial services, second-level teaching (add-on Professional Masters in Education (PME)) or lecturing (add-on master's required). This programme meets the Teaching Council of Ireland criteria for secondary school teaching for Accounting teacher to Leaving Certificate level and Business teacher to Junior Certificate level.

### QUICK TIP:

Accountancy at Leaving Certificate level is not required as the programme starts with Beginners Accounting.

### QUICK FACT:

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 course.

### PROFESSIONAL ACCREDITATION AND EXEMPTIONS:



ACCA



**BACHELOR OF BUSINESS (HONOURS)**  
**BACHELOR OF BUSINESS**

# MARKETING

## PROGRAMME DESCRIPTION:

Students who join these revamped degrees will study the most up to date practices from across the world of business and marketing. Students 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.

## PROGRAMME OVERVIEW:

**Year One and Two:** Students gain an insight into core business modules as well as an introduction to marketing modules. Many modules have guest speakers and projects linked to local and international organisations. Business insights trips take place where the theory in the classroom is seen in practice while visiting various organisations.

**Year Three:** Students continue to develop their business and marketing skills and knowledge which includes an opportunity to complete Google Ads accreditations. In semester two, students complete an eight-week work placement. Students can also choose to spend one or two semesters at one of our partner academic Institutions in Germany, France or Spain as part of the optional Erasmus+ programme.

**Year Four (Level 4):** Students will develop their professional marketing skills and apply them in many practical projects with real-life organisations.

Students can also sit an exam to become listed on the Qualified Marketer Register of the Marketing Institute of Ireland.

## 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 the students to the opportunities that await them and are also a fantastic opportunity to network.

## FURTHER STUDY OPPORTUNITIES:

Level 7 graduates may progress to the fourth year of the Level 8 degree.

Level 8 graduates may continue to a Level 9 one-year taught MSc in Marketing or a Masters by research or Level 10 PhD.

This course 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).

AskBusiness@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
 CAO Code:  
 Level 8: **SG150**  
 Level 7: **SG139**  
 CAO Points:  
 Level 8: **NEW**  
 Level 7: **NEW**  
 Duration: **3/4 Years**  
 Number of Places: **30**  
 Erasmus+: **Yes**  
 Work Placement: **Yes**

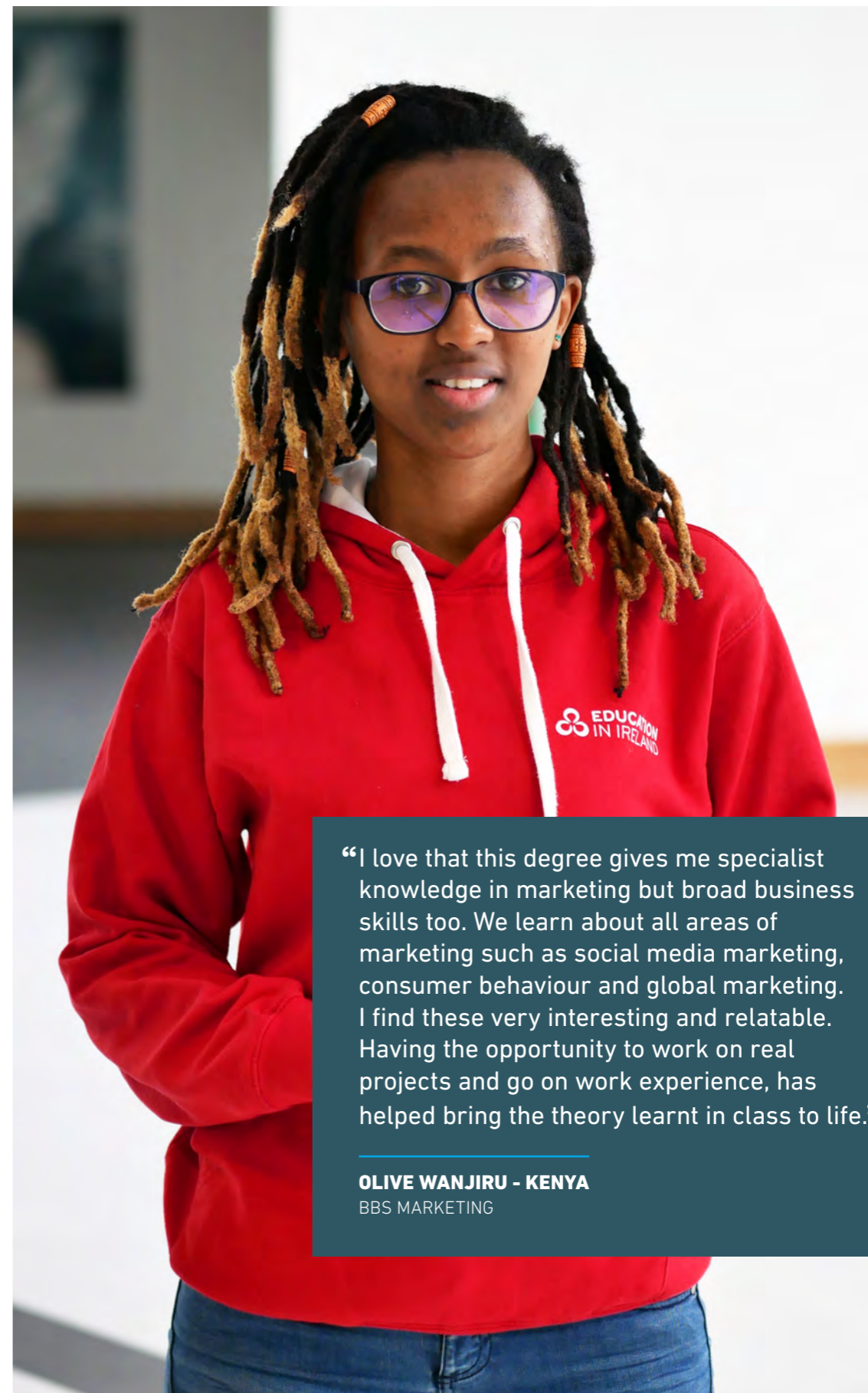
L8: [www.itsligo.ie/SG150](http://www.itsligo.ie/SG150)

L7: [www.itsligo.ie/SG139](http://www.itsligo.ie/SG139)

## GRADUATE DESTINATIONS:

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 that employment may lie.

## PROFESSIONAL ACCREDITATION:



“I love that this degree gives me specialist knowledge in marketing but broad business skills too. We learn about all areas of marketing such as social media marketing, consumer behaviour and global marketing. 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.”

**OLIVE WANJIRU - KENYA**  
 BBS MARKETING

## BACHELOR OF BUSINESS (HONOURS)

## 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 new degree 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.

## PROGRAMME OVERVIEW:

**Year One:** Modules include Event Management, Foundations of Tourism, Tourism and Travel Industry, Business Management and Business Application Software.

**Year Two:** Students continue to explore the tourism sector and undertake modules in Sustainable Managing of the Impacts of Tourism, whilst also developing their Event Management and Financial Accounting skills. Students participate in a paid 4-6-month accredited work placement to apply their knowledge and develop their skills in tourism-specific environments in Ireland or in an international destination.

**Year Three:** Students focus on the strategic aspects of the tourism sector and complete a 20-credit tourism and event management dissertation. Modules include Strategy, Global Tourism and Strategic Tourism.

## SPECIAL FEATURES:

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

## WORK PLACEMENT:

Industry placement provide 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, UK, Turkey and Ireland.

## FURTHER STUDY OPPORTUNITIES:

Graduates may continue to a Level 9 masters or Level 10 PhD qualification. This course 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).

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Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG151**  
 CAO Points: **NEW**  
 Duration: **3 Years**  
 Number of Places: **40**  
 Work Placement: **Yes**  
 Erasmus+: **Yes**

[www.itsligo.ie/SG151](http://www.itsligo.ie/SG151)

## GRADUATE DESTINATIONS:

Graduates are highly sought after and can work across the globe in festival & 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 graduates also start their own business.

## STUDENT STORY:

**“Following my degree, I continued my studies with IT Sligo to PhD level. I am now a lecturer in the Technological University of the Shannon: Midlands Midwest.”**

**Dr. Kelly Maguire,**

BBS (Hons) Tourism and Event Management & PhD



**“I love the variety of modules on this degree as they range from the core business subjects to real tourism and event management specific modules. I enjoy the practical side of the course too, including the field trips to tourism destinations and the tourism entrepreneur guest speakers. The six months paid work placement gave me real insight and valuable experience in a tourism organisation.”**

**LUKE TREACHER - MEATH**

BBS (HONS) TOURISM AND EVENT MANAGEMENT

## BACHELOR OF BUSINESS

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. With a solid business degree, International Tourism and Event Management give students a broad platform to build a successful career and opportunities to travel the world.

This recently revised degree provides students with an exciting blend of business and management skills to work across the business, tourism and events industry.

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.

PROGRAMME  
OVERVIEW:

**Year One:** Students gain a foundation of knowledge across business, tourism and events. Modules include Guiding and Adventure Tourism, Introduction to International Tourism and Travel, Skills for Success, Organisation Behaviour, Teamwork and Creativity, Digital Content and Introduction to Event Management.

**Year Two:** Students join year one of the honour degree programme and study Event Management, Foundations of Tourism, Tourism and Travel Industry, Business Management and Business Application Software.

**Year Three:** Students continue to explore the tourism sector and undertake modules in Sustainable Managing of the Impacts of Tourism, whilst also developing their Event Management and Financial Accounting skills.

## SPECIAL FEATURES:

Students can choose to develop language skills as a non-compulsory "elective" in French, German and Spanish throughout the programme.

Students get the opportunity to gain a Guiding and Adventure Tourism badge.

## WORK PLACEMENT:

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

FURTHER STUDY  
OPPORTUNITIES:

Graduates may add-on one additional year for the level 8 BBS (Hons) in Tourism and Event Management honours degree

AskBusiness@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG140**  
CAO Points: **NEW**  
Duration: **3 Years**  
Number of Places: **50**  
Work Placement: **Yes**  
Erasmus +: **Yes**

www.itsligo.ie/SG140

after which they could choose to continue to a Level 9 masters, a Professional Master of Education (PME) to become a secondary school teacher of Business or a Level 10 PhD qualification.

GRADUATE  
DESTINATIONS:

Graduates 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.

## STUDENT STORY:

**“From the moment we started this programme, we were on the bus discovering the practical skills and experience direct from industry. We could apply what we were learning through these real-life business workshops and events.”**

**Eric Nielsen,**

BBS Tourism and Event Management

AskBusiness@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG147**  
CAO Points: **307**  
Duration: **3 Years**  
Number of Places: **30**  
Work Placement: **Yes**  
Erasmus +: **Yes**  
Professional Accreditation: **Yes**

www.itsligo.ie/SG147

PROGRAMME  
OVERVIEW:

**Year One:** Students learn core business modules such as Accounting, Marketing, Management and Information Technology. This is coupled with modules on Sports Law and Sports Planning. They can combine a fitness instruction qualification and focus on a specific area of interest – physical activity for healthy aging, disability sport or pool lifeguard.

**Year Two:** The business aspect is balanced with a strong practical element in the second year. Modules include: Enterprise, Sports Planning, Digital Media, Economics, Surfing, Level 2 Swim Teaching and Sports Nutrition. A 13-week work placement is included as a critical component of the course.

**Year Three:** Students complete business modules in Macroeconomics, Business Strategy, People Management, Strategic Sports Development and Sports Marketing. Elective modules include Health Promotion, Sport Pedagogy, Business Finance and Dance. Students also complete a supervised research thesis.

## BACHELOR OF BUSINESS (HONOURS)

## SPORT WITH BUSINESS

## PROGRAMME DESCRIPTION:

This programme is the first of its kind in Ireland – a three-year honours degree at level 8 that combines sports-related modules with sound business practice. The programme focuses on introducing the students to business and enterprise skills with opportunities for specific skill development in coaching, fitness instruction, personal training, education, exercise prescription and health.

GRADUATE  
DESTINATIONS:

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. Graduates can pursue postgraduate studies in Education, Strength and Conditioning, Exercise Physiology and Therapy, Health Promotion, Sports Management and Marketing.

PROFESSIONAL  
ACCREDITATION:

Students get more than a degree with this programme at IT Sligo. Graduates of the BBS (Hons) Sport with Business can attain a number of industry recognised external qualifications are incorporated into the programme. These include REPs (Register of Exercise Professionals) Ireland Qualifications in the area of fitness instruction and personal training.

Coaching Ireland awards in a variety of sports are incorporated into the sports coaching modules.

- Qualifications in Swim Teaching
- Royal Lifesaving Society National Pool Lifeguard
- Basketball Ireland
- Athletics
- Community Walking Leader
- IRFU
- GAA





## BACHELOR OF BUSINESS

## 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 course, 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.

## PROGRAMME OVERVIEW:

**Year One:** Students begin by studying sports modules including Aquatics, Adventure Tourism, Fundamental Movement Skills, Athletics, Gymnastics and Dance, as well as business modules in Accounting and Business Technology.

**Year Two:** In second year, students study Marketing, Economics, Information Technology, Sports Management and Sports Law. They can acquire a European accreditation in fitness instruction and study a specialised area such as Physical Activity for Healthy Aging, Disability Sport or Pool Lifeguard. Students can exit after two years with a Higher Certificate in Applied Sport with Business.

**Year Three:** In the final year students combine both business and sports modules by studying Enterprise, Managing People, Digital Analysis, Financial Management, Sports Planning, and elective choices in Surfing, Level 2 Swim Teaching or Sports Nutrition. A 13-week work placement is included as a critical component of the course.

## SPECIAL FEATURES:

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.

## FURTHER STUDY OPPORTUNITIES:

The programme offers students the opportunity of acquiring appropriate practical expertise to enable them to develop the competencies to be effective leaders in the sport industry and provide pathways through postgraduate study.

Graduates from this Level 7 can progress onto the Level 8 BBS (Hons) Sport with Business. They may also choose the BBS (Hons) in Business, Marketing or Human Resource one year add on.

Graduates may continue to Level 9 Masters level in Health Promotion, Marketing and Sports Management.

AskBusiness@itsligo.ie

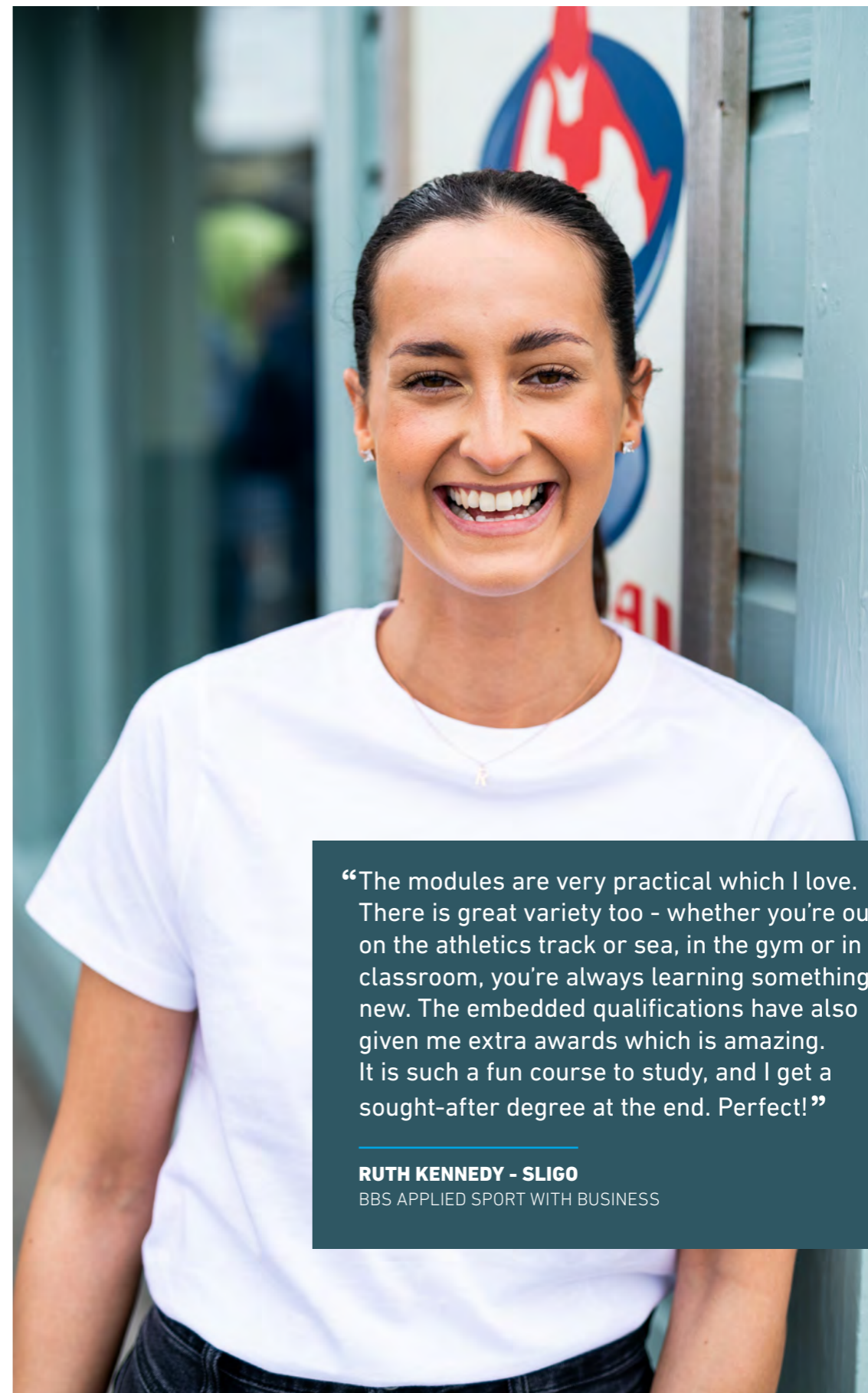
Award:  
**Ordinary Degree (Level 7)**  
 CAO Code: **SG134**  
 CAO Points: **215**  
 Duration: **3 Years**  
 Number of Places: **50**  
 Work Placement: **Yes**  
 Erasmus+: **Yes**  
 Professional Accreditation: **Yes**

www.itsligo.ie/SG134

## GRADUATE DESTINATIONS:

As a solid business degree, an abundance of opportunity awaits our graduates. Many start their own business, work as fitness professionals, work in sports facility management, sports development, health promotion, personal training, coaching and instruction. Some have also gone on to specialise in primary and secondary school teaching.

## PROFESSIONAL ACCREDITATION:



“The modules are very practical which I love. There is great variety too - whether you're out on the athletics track or sea, in the gym or in a classroom, you're always learning something new. The embedded qualifications have also given me extra awards which is amazing. It is such a fun course to study, and I get a sought-after degree at the end. Perfect!”

**RUTH KENNEDY - SLIGO**  
 BBS APPLIED SPORT WITH BUSINESS



“Getting 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 what specific type of career you want to pursue. There is such a diverse number of modules on the degree which bring different learning outcomes too. The lecturers are so friendly and have worked in industry. Their expertise and knowledge is invaluable.”

**CIAN LALLY - SLIGO**  
BA (HONS) SOCIAL CARE PRACTICE

AskSocialSciences@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG243**  
CAO Points: **301**  
Duration: **4 Years**  
Number of Places: **70**  
Work Placement: **Yes**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG243](http://www.itsligo.ie/SG243)

## BACHELOR OF ARTS (HONOURS)

# SOCIAL CARE PRACTICE

THIS PROGRAMME IS APPROVED BY CORU

“Social Care Workers are professional practitioners engaged in the practice of social care work. Social care work is a relationship-based approach to the purposeful planning and provision of care, protection, psychosocial support and advocacy in partnership with vulnerable individuals and groups who experience marginalisation, disadvantage or special needs. Principles of social justice and human rights are central to the practice of Social Care Workers.”

Social Care Workers Board, CORU

### PROGRAMME DESCRIPTION:

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.

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.

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.

### PROGRAMME OVERVIEW:

**Year One:** Modules include: Professional Practice, Sociology, Creative Practice, Research-based Study Skills, Introduction to Lifespan Development,

Interdisciplinary Care, Social Policy and Communicative Practice.

**Year Two:** Professional Practice, Creative Practice, Psychology, Social Care and Social Policy, Principles of Law, Practice Placement are studied in second year.

**Year Three:** Professional Practice, Child and Adolescent Mental Health, European Social Policy Analysis, Sociology, Social Science Research Methods and Social Science Law are studied. Students also take up a practice placement in this year.

**Year Four:** Professional Practice, Management and Leadership for the Social Care Sector, Social Care Practice, Ethics Practice and Policy, Welfare and Protection in Social Care, Practice, Policy and Evidence, Building Relationships & Resolving Conflict. Elective modules available.

### SPECIAL FEATURES:

Our team of lecturers inspire students with their first-hand industry experience as social care workers, solicitors, and psychologists to name a few. Real life experiences help bring the theory to life for our students.

### GRADUATE DESTINATIONS:

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.

Graduates may also 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.

### 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 course.

**BACHELOR OF ARTS (HONOURS)****EARLY CHILDHOOD CARE AND EDUCATION****PROGRAMME DESCRIPTION:**

This programme focuses on how education and care influence a child's life and how improving these areas can have a positive effect on individual children and the wider society. It will equip students with a comprehensive knowledge base of all factors influencing children in contemporary society, including play, society, the family, diversity and creative studies.

**PROGRAMME OVERVIEW:**

The programme is structured to give students a holistic perspective of the diverse aspects of a child's life, including the influence of family, society, policy and the government. In Year One, students cover Policy, Sociology, Education, Care, Creative Practice, Law and Psychology.

Each subject area is covered in greater depth as the programme progresses, while elective modules allow students to specialise in their chosen area. This academic foundation is cemented by two practice placements which provide essential opportunities to link theory to practice under the supervision of a proficient practitioner.

The 13-week placement takes place in Year Two and Year Three in professional learning environments for example montessori, crèche as well as family resource centres and agencies, hospitals, primary schools, depending on what aspect of Early Childhood Care and Education the student is interested in.

There is also the option of completing a final year research project or dissertation.

**SPECIAL FEATURES:**

This programme benefits from a state-of-the-art early years skills laboratory, outdoor learning spaces and two creative practice spaces. Students undertake many off-site learning experiences locally and nationally.

**QUICK FACT:**

Leaving Certificate Mathematics is not an entry requirement for this course.

**FURTHER STUDY OPPORTUNITIES:**

Postgraduate opportunities include a full time one-year, or part time two-year taught MA in Leadership and Advocacy in the Early Years or a Masters/PhD by research.

Graduates may also undertake Postgraduate study in primary school teaching, psychology, disability studies, community development, childhood studies and play therapy.

AskSocialSciences@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG242**  
 CAO Points: **279**  
 Number of Places: **60**  
 Duration: **4 Years**  
 Work Placement: **Yes**  
 Erasmus+: **Yes**

[www.itsligo.ie/SG242](http://www.itsligo.ie/SG242)**GRADUATE DESTINATIONS:**

Graduates have diverse and progressive careers. They gain employment in montessoris', crèches, nurseries, playgroups and pre-schools, and in a variety of family and children's agencies, government programmes and non-government organisations.

**STUDENT STORY:**

**“Our lecturers are so inspiring, they are involved in national working groups and county committees to help develop the sector into a highly regulated professional industry. The future is exciting for this sector.**

**My favourite part of the course so far is the work placement. We get to put the theory into practice and see first-hand the positive impact we can have on a child's life.”**

**Roisin Brennan,**  
 BA (Hons) Early Childhood Care and Education



**“Knowing that you can help shape the healthy development and learning of children makes this degree particularly enjoyable. Getting to participate in two professional practice placements was great too. The skills and competencies this course provide, sets you up for numerous career choices. Having finished my final year, I am now completing my PGCE in Primary Education at Edge Hill University.”**

**KATHLEEN MC FADDEN - DONEGAL**  
 BA (HONS) EARLY CHILDHOOD CARE AND EDUCATION



“There were two aspects of the degree which stood out the most. Firstly, the lecturers. Their interaction with students, their willingness to create a fun learning environment and their expertise are just some of the areas worth highlighting. The second was the politics placement. I completed my placement at the European Parliament in Brussels. I now live in America and have continued my studies as I work towards completing a PhD.”

**SEAMUS BANNON - SLIGO**  
BA (HONS) SOCIOLOGY AND POLITICS

AskSocialSciences@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG248**  
CAO Points: **281**  
Duration: **3 Years**  
Number of Places: **25**  
Work placement: **Yes**  
Erasmus+: **Yes**

[www.itsligo.ie/SG248](http://www.itsligo.ie/SG248)

## BACHELOR OF ARTS (HONOURS)

# SOCIOLOGY AND POLITICS

### PROGRAMME DESCRIPTION:

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 don't necessarily have to be governmental – politics can be found in most interactions from schools to businesses and religious institutions.

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. By equipping students with an in-depth knowledge of society and politics on a national and global scale, we encourage them to look beyond face-value assumptions and start questioning what is perceived as common sense in our world.

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.

### PROGRAMME OVERVIEW:

**Year One:** Modules in sociology, politics and research and writing skills are introduced. Students also get to choose from a range of elective modules.

**Year Two:** Students study specific areas of both politics and sociology such as Contemporary Sociology, Gender, Sexuality and Race, European Politics, Political Theory, Political and Civic Engagement and Active Citizenship. Students will also take on work placement in this year.

**Year Three:** The final year sees students focus on their specialised areas of interest, completing a research project on a political or sociological topic of their choice.

### QUICK FACT:

Leaving Certificate Mathematics is not an entry requirement for this course.

### SPECIAL FEATURES:

In the past students have gone to a variety of destinations for their work placement in year two, including to the European Parliament in Brussels.

One module in the final year will be delivered online, allowing the student more flexibility in their study.

### FURTHER STUDY OPPORTUNITIES:

Graduates may progress to a Level 9 Masters in Social Care and Social Justice or a research Masters/PhD in IT Sligo.

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 post-primary school teacher in Civic, Social & Political Education (CSPE) and the Leaving Certificate subject Politics and Society.

### GRADUATE DESTINATIONS:

There is a wide variety of careers to choose from including a representative for vulnerable people in society, public sector jobs (teaching, administration, etc) social policy, teaching, community development and international and national governmental work.

**BACHELOR OF ARTS (HONOURS)****ENGLISH AND PSYCHOLOGY****PROGRAMME DESCRIPTION:**

This programme integrates English and Psychology to create a unique and versatile degree that allows the graduate 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. Students will be introduced to both English and Psychology in the first year and as the course progresses, allowed to focus on their specific, chosen interest.

In the Psychology strand, students will broaden their understanding of human nature as they develop 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 through 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.

**PROGRAMME OVERVIEW:**

**Year One:** Students will have an introduction into both subjects. Modules include English Literature, Prose and Poetry, Drama Studies, Foundations of Psychology, Introduction to Cultural Performance and Representation. Students can choose from a number of elective modules.

**Year Two:** Different aspects of English and Psychology are studied. Modules include: Children's Literature, Drama in Education, Wider World Literature, Adult Developmental Psychology, Personality and Individual Differences, and Social Psychology.

**Year Three:** Students use their knowledge from the previous two years to explore the subjects in greater depth. Modules include: Contemporary Theatre for Children and Young People, Contemporary Irish Writing, Cognitive Psychology, Research Methods for English and Drama/Applied Theatre Studies, Research Methods for Psychology, Psychological Connections with Well-Being, English and Drama Research Seminar. Students will have a choice of elective modules.

**SPECIAL FEATURES:**

Students will have the opportunity to experience blended learning in their final year. The research methods module is taught online, giving the student more chance to prepare for their post graduate career world.

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Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG247**  
CAO Points: **309**  
Duration: **3 Years**  
Number of Places: **25**  
Erasmus+: **Yes**

[www.itsligo.ie/SG247](http://www.itsligo.ie/SG247)**QUICK FACT:**

Leaving Certificate Mathematics is not an entry requirement for this course.

**FURTHER STUDY OPPORTUNITIES:**

Graduates may apply for the Level 9 Masters in Leadership and Advocacy in the Early Years or a Masters by research or Level 10 PhD at IT Sligo. They may consider a Psychology conversion programme or Masters, or progress to the Professional Master of Education (PME).

This programme has considered the Teaching Council Registration Curricular Subject Requirements to meet the requirements to apply to undertake the PME programme to become a post-primary teacher in English.

**GRADUATE DESTINATIONS:**

Employment opportunities exist in communications and media, community development, arts management, research and also in the business and technology sectors.

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Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG255**  
CAO Points: **NEW**  
Duration: **3 Years**  
Number of Places: **30**

[www.itsligo.ie/SG255](http://www.itsligo.ie/SG255)**PROGRAMME OVERVIEW:**

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 Law strand covers core law subjects to give students a good foundation should they wish to continue their studies further to qualify as a solicitor or a barrister.

Emerging fields of study is also covered such as governance and compliance, data protection and privacy, company secretarial, business sustainability, ethics, and social media.

The business strand covers the core business subjects to equip students for success in business such as Marketing, Management, Economics, Finance, and Organisational Behaviour.

**BACHELOR OF ARTS (HONOURS)****LAW AND BUSINESS****PROGRAMME DESCRIPTION:**

This three year honours degree in Law and Business is the only such programme in this field available within the northwest and midland region. This is a brand-new innovative degree that has been developed in partnership with industry. 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.

To support the growing need for and understanding of data, social media presence and digital change, the business major also includes learning in the fields of ICT applications, data analytics, web and social media analytics and digital transformation.

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, that will equip students for employment and professional practice across a range of sectors.

Combining both strands, students will be given an opportunity to undertake research in their final year for an applied project or dissertation immersing them in emerging areas relevant to professionals working in a range of legal and business settings.

**FURTHER STUDY OPPORTUNITIES:**

Graduates may progress to Level 9 Masters or Level 10 PhD across a range of subject areas.

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 post-primary teacher in Business.

Graduates interested in pursuing a legal career may progress to a postgraduate course to prepare for the FE1 exams, the first step in becoming a qualified solicitor.

**GRADUATE DESTINATIONS:**

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, marketing and digital transformation. Roles in governance, compliance, data protection and ethics are particularly sought after due to a shortage of skills in that space.



WELCOME TO THE

# FACULTY OF ENGINEERING AND DESIGN

## WITHIN THIS FACULTY WE HAVE FIVE DEPARTMENTS

**DEPARTMENT OF MECHATRONIC  
ENGINEERING** 92

**DEPARTMENT OF MECHANICAL  
AND MANUFACTURING ENGINEERING** 96

**DEPARTMENT OF CIVIL ENGINEERING  
AND CONSTRUCTION** 100

**DEPARTMENT OF COMPUTING  
AND ELECTRONIC ENGINEERING** 108

**YEATS ACADEMY OF ARTS,  
DESIGN AND ARCHITECTURE** 116

## Why Engineering and Design?

Skills shortages across the engineering and design landscape means there are huge job opportunities. Graduates are highly sought after and can demand significant starting salaries. Engineering, construction, computing and design industries continue to boom. Our graduates with their applied skills and theory knowledge are in very high demand both within Ireland and across the globe.



# WHY IT SLIGO?

## PUTTING THE A IN STEAM

Science, Technology, Engineering and Maths (STEM) have traditionally worked side by side. We are pushing the growing trend of including Arts into this acronym. We understand that all these disciplines require creativity and innovation. We explore the link between them with our unique programme range.

## OUR STUDENTS ARE HIGHLY SOUGHT AFTER WITHIN INDUSTRY

We work closely with industry experts to stay on top of new developments across art, design, computing, construction and engineering. This ensures our graduates have the skills employers want. Our students benefit from the latest cutting-edge trends and practical experience on campus. Work placements and real-life projects are also a key feature throughout the faculty.

## AWARD-WINNING FOR INNOVATIVE DESIGNS

Our programmes have produced many award-winning students. Success has come on both the national and international stage.

## MORE THAN JUST A DEGREE

A wide range of programmes are on offer. These range from Level 6 Higher Certificates to Level 10 PhDs. Many of our programmes provide professional accreditations and progression routes into professional careers.

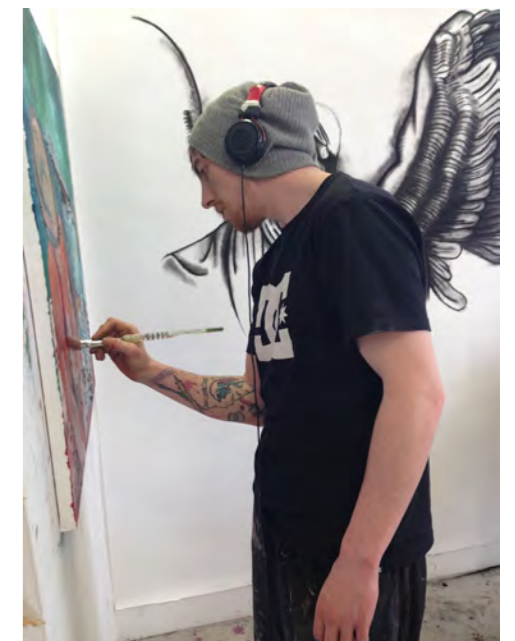
# PROGRAMME PROGRESSION ROUTES

		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	POSTGRAD LEVEL 9 & 10
<b>ENGINEERING AND CONSTRUCTION</b>							
SG341	LEVEL 8	BSC (HONS) GENERAL ENGINEERING (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » ELECTRONICS AND SELF DRIVING TECHNOLOGIES » ROBOTICS AND AUTOMATION » MECHANICAL » CIVIL				
SG330	LEVEL 7	BENG GENERAL ENGINEERING (COMMON ENTRY)	SEMESTER 2 - CHOOSE STREAM » CIVIL » MECHANICAL » MECHATRONIC » PRECISION		→	ADD ON OPTION TO PROGRESS TO LEVEL 8 IN CHOSEN STREAM	
SG300	LEVEL 6	HIGHER CERTIFICATE GENERAL ENGINEERING (COMMON ENTRY)	SEMESTER 2 - CHOOSE STREAM » CIVIL » MECHANICAL » MECHATRONIC » PRECISION		→	ADD ON OPTION TO PROGRESS TO LEVEL 7 IN CHOSEN STREAM	
SG349	LEVEL 8	BENG (HONS) ELECTRONICS AND SELF DRIVING TECHNOLOGIES (COMMON ENTRY)					
SG350	LEVEL 8	BENG (HONS) ROBOTICS AND AUTOMATION (COMMON ENTRY)					
SG334	LEVEL 7	BENG MECHATRONIC ENGINEERING (COMMON ENTRY)			→	ADD ON OPTION MECHATRONIC ENGINEERING LEVEL 8 OR ROBOTICS & AUTOMATION LEVEL 8	
SG335	LEVEL 7	BENG MECHATRONIC SYSTEMS			→	ADD ON OPTION ONE AND TWO YEAR LEVEL 8 PROGRAMMES ON CAMPUS OR ONLINE	
SG344	LEVEL 8	BENG (HONS) MECHANICAL ENGINEERING (COMMON ENTRY)					
SG333	LEVEL 7	BENG MECHANICAL ENGINEERING (COMMON ENTRY)			→	ADD ON OPTION MECHANICAL ENGINEERING LEVEL 8 OR PRECISION ENGINEERING LEVEL 8	
SG336	LEVEL 7	BENG PRECISION ENGINEERING AND DESIGN (COMMON ENTRY)			→	ADD ON OPTION MECHANICAL ENGINEERING LEVEL 8 OR PRECISION ENGINEERING LEVEL 8	
SG342	LEVEL 8	BENG (HONS) CIVIL ENGINEERING (COMMON ENTRY)					
SG338	LEVEL 7	BENG CIVIL ENGINEERING (COMMON ENTRY)			→	ADD ON OPTION LEVEL 8 CIVIL ENGINEERING	
SG343	LEVEL 8	BSC (HONS) QUANTITY SURVEYING					
SG339	LEVEL 7	BSC QUANTITY SURVEYING			→	ADD ON OPTION QUANTITY SURVEYING LEVEL 8	
SG302	LEVEL 6	HIGHER CERTIFICATE CONSTRUCTION ECONOMICS		→	ADD ON OPTION QUANTITY SURVEYING LEVEL 7	→	ADD ON OPTION QUANTITY SURVEYING LEVEL 8
SG346	LEVEL 8	BSC (HONS) CONSTRUCTION PROJECT MANAGEMENT AND APPLIED TECHNOLOGY					
SG332	LEVEL 7	BSC ADVANCED WOOD AND SUSTAINABLE BUILDING TECHNOLOGY			→	ADD ON OPTION CONSTRUCTION PROJECT MANAGEMENT LEVEL 8	
SG308	LEVEL 6	HIGHER CERTIFICATE APPLIED CONSTRUCTION TECHNOLOGY		→	ADD ON OPTION ADV WOOD & SUSTAINABLE BUILDING TECHNOLOGY LEVEL 7	→	ADD ON OPTION CONSTRUCTION PROJECT MGT LEVEL 8

LEVEL 9 TAUGHT MASTERS & MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE

		YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9 & 10
<b>COMPUTING</b>						
SG246	LEVEL 8	BSC (HONS) COMPUTING (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » GENERAL COMPUTING » NETWORKS & CYBER SECURITY » SOFTWARE DEVELOPMENT			LEVEL 9 TAUGHT MASTERS & MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG138	LEVEL 7	BSC COMPUTING (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » GENERAL COMPUTING » NETWORKS & CYBER SECURITY » SOFTWARE DEVELOPMENT » GAMES DEVELOPMENT		ADD ON OPTION TO PROGRESS TO LEVEL 8 IN CHOSEN STREAM	
SG102	LEVEL 6	HIGHER CERTIFICATE COMPUTING (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » GENERAL COMPUTING » NETWORKS & CYBER SECURITY » SOFTWARE DEVELOPMENT » GAMES DEVELOPMENT	ADD ON OPTION TO PROGRESS TO LEVEL 7 IN CHOSEN STREAM	ADD ON OPTION TO PROGRESS TO LEVEL 8 IN CHOSEN STREAM	
SG253	LEVEL 8	BSC (HONS) COMPUTER NETWORKS AND CYBER SECURITY (COMMON ENTRY)				
SG137	LEVEL 7	BSC COMPUTER NETWORKS AND CYBER SECURITY (COMMON ENTRY)			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8	
SG252	LEVEL 8	BSC (HONS) SOFTWARE DEVELOPMENT (COMMON ENTRY)				
SG136	LEVEL 7	BSC SOFTWARE DEVELOPMENT (COMMON ENTRY)			ADD ON OPTION TO PROGRESS TO LEVEL 8 SOFTWARE DEVELOPMENT	
SG131	LEVEL 7	BSC GAMES DEVELOPMENT (COMMON ENTRY)			ADD ON OPTION TO PROGRESS TO LEVEL 8 SOFTWARE DEVELOPMENT	

		YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	POSTGRAD LEVEL 9 & 10
<b>YEATS ACADEMY OF ARTS, DESIGN &amp; ARCHITECTURE (YAADA)</b>							
SG245	LEVEL 8	BA (HONS) CREATIVE DESIGN					
SG232	LEVEL 7	BA CREATIVE DESIGN			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8		
SG347	LEVEL 8	BARCH (HONS) ARCHITECTURE					
SG348	LEVEL 8	BA (HONS) INTERIOR ARCHITECTURE AND DESIGN					
SG331	LEVEL 7	BA INTERIOR ARCHITECTURE AND DESIGN			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8		
SG244	LEVEL 8	BA (HONS) FINE ART					
SG231	LEVEL 7	BA FINE ART			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8		
SG249	LEVEL 8	BA (HONS) WRITING AND LITERATURE (ON CAMPUS)					
SG254	LEVEL 8	BA (HONS) WRITING AND LITERATURE (ONLINE)					
SG241	LEVEL 8	BA (HONS) PERFORMING ARTS					
SG236	LEVEL 7	BA PERFORMING ARTS (ACTING) (COMMON ENTRY)			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8		
SG235	LEVEL 7	BA PERFORMING ARTS (THEATRE DESIGN) (COMMON ENTRY)			ADD ON OPTION TO PROGRESS TO YEAR 4 OF LEVEL 8		





## BACHELOR OF SCIENCE (HONOURS)

## ENGINEERING

## PROGRAMME DESCRIPTION:

This programme offers students an introduction to a wide range of engineering disciplines. Our suite of Level 8 degrees in Civil, Mechanical, 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 of which discipline to specialise in from Year Two. No matter which programme you come to us on, you will have the flexibility to change your specialism at the end of Year One if you wish.

This general engineering year gives students exposure to all the different types of engineering that are on offer and equips them with the fundamentals of engineering. This helps students to make an informed choice of what field of engineering to enter based on their aptitude and interest. On successful completion of the first year, students will transfer into second year of the course of their choice.

## PROGRAMME OVERVIEW:

**Year One:** The first year focuses on the fundamentals of engineering such as Engineering Maths, Engineering Science, Introduction to Engineering and CAD and Modelling amongst others.

**Year Two to Four:** In the subsequent years, students choose which speciality from Civil Engineering, Robotics and Automation, Electronics and Self Driving Technologies or Mechanical Engineering to explore. In these years students engage in more detailed applications of the fundamentals of engineering in their chosen field.

Students undertake a 12-week work placement in semester two of their third year.

## CAREER OPPORTUNITIES:

The career opportunities vary for graduates depending on which stream of engineering they choose to follow. From the high-tech pharmaceutical and electronics sectors to traditional manufacturing with design, fabrication and assembly, graduates take a wide variety of career paths. They work as design and project engineers or in consultancy and management, to name a few.

## FURTHER STUDY OPPORTUNITIES:

We offer a comprehensive suite of Level 9 and Level 10 postgraduate qualifications both on-campus and online to further develop and enhance career prospects of our students.

## SPECIAL FEATURES:

Our engineering programmes are hands-on, with a big emphasis on developing practical skills. This means our students graduate with the skills employers want.

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG341**  
CAO Points: **NEW**  
Duration: **4 Years**  
Number of Places: **64**  
Professional  
Accreditation: **Yes**  
Work Placement: **Yes**

[www.itsligo.ie/SG341](http://www.itsligo.ie/SG341)

## QUICK FACT:

Our engineering graduates are in high demand to meet the skills shortage across the sector both nationally and internationally.

## COMMON ENTRY:

The nature of this programme allows students that may not be decided on what field of engineering to pursue, the opportunity to try them all in Year One. Students discover their interests and find the best fit for them before making an informed decision of which specialism to follow from the start of Year Two.

## PROFESSIONAL ACCREDITATION:

The Institute will seek accreditation from Engineers Ireland for Chartered Engineer after the first cohort of graduates.

## GRADUATE STORY:

**“The flexibility of the engineering degrees at IT Sligo is brilliant. I originally planned on studying Mechanical Engineering. However, after studying the different aspects of engineering I changed my specialism to Civil Engineering.”**

**John Mc Fadden**  
BEng (Hons) in Civil Engineering

AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
**Higher Certificate (Level 6)**  
CAO Code:  
Level 7: **SG330**  
Level 6: **SG300**  
CAO Points:  
Level 7: **243**  
Level 6: **209**  
Duration: **2/3 Years**  
Number of Places: **64**  
Professional  
Accreditation: **Yes**

L7: [www.itsligo.ie/SG330](http://www.itsligo.ie/SG330)  
L6: [www.itsligo.ie/SG300](http://www.itsligo.ie/SG300)

This general engineering semester gives students exposure to all different types of engineering and equips them with the fundamentals of engineering. This helps students to make an informed choice of what field of engineering to enter based on their aptitude and interest. On successful completion of the first semester, students transfer into the second semester of the course of their choice.

## PROGRAMME OVERVIEW:

**Year One:** The first semester focuses on the fundamentals of engineering including Introduction to Engineering, Mechatronics, Electronics, Design and much more. Students choose which stream of engineering to specialise in from Civil, Mechatronic, Mechanical or Precision Engineering and Design in semester two.

**Year Two:** Students explore and engage in more detailed applications of the fundamentals of engineering in their chosen field.

**Year Three (Level 7):** Students undertake a project to develop and display their technical

BACHELOR OF ENGINEERING  
HIGHER CERTIFICATE OF ENGINEERING

## ENGINEERING

## PROGRAMME DESCRIPTION:

We offer a wide range of engineering programmes including Civil, Mechanical, Mechatronic and Precision Engineering and Design. A common first semester is built in to all our Level 7 and Level 6 engineering programmes. This gives students the opportunity to study engineering in a general way before specialising in an area of their choice. No matter which programme you come to us on, you will have the flexibility to change your specialism at the end of semester one if you wish.

skills. They also conduct more advanced analysis and develop practical skills relevant to their discipline.

## GRADUATE DESTINATIONS:

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. 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.

## 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.

## SPECIAL FEATURES:

Students can join the Engineers Ireland Association. Our engineering programmes are hands-on, with a big emphasis on developing practical skills. This means our students graduate with the skills employers want.

## QUICK FACT:

Our engineering graduates are in high demand to meet the skills shortage across the sector both nationally and internationally.

## GRADUATE STORY:

**“I always had an interest in engineering, but I wasn't sure which area was right for me. I loved getting to study all areas of engineering in IT Sligo before deciding. In the end, I chose Mechanical Engineering. I haven't looked back since!”**

**Rebecca Staunton**  
BEng in Mechanical Engineering

## PROFESSIONAL ACCREDITATION:

 **ENGINEERS IRELAND**

ACCREDITED PROGRAMME



“The lecturers on the degree 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 get to carry out practicals. Getting 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 the computer to real life.”

**NHAT LONG VAN PHAM - VIETNAM**  
BENG MECHATRONIC ENGINEERING

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG350**  
CAO Points: **NEW**  
Duration: **4 Years**  
Number of Places: **16**  
Work placement: **Yes**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG350](http://www.itsligo.ie/SG350)

## BACHELOR OF ENGINEERING (HONOURS)

# 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. Robotics and Automation 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.

Robotic and Automation engineers are problem solvers by nature, looking for solutions to sometimes difficult engineering applications.

During this practical based degree, students learn how to analyse and design, build prototypes and control the machines and processes that are found in a range of industries.

### PROGRAMME OVERVIEW:

**Year One:** Students are introduced to the engineering profession by sharing the fundamentals of engineering subjects with our other engineering programmes. The common first year helps develop a multidisciplinary mindset. Students are counselled during their first year on possible transfers, in line with their abilities and wishes.

**Year Two:** Students deepen their knowledge and understanding of robotic and automation engineering, focusing on control systems, electronics, industrial data communication, pneumatics, automation technology and robotics.

**Year Three:** Control systems, energy operations, image processing and power electronics are some of the subjects focused in Year Three before students enjoy a six-month work placement.

**Year Four:** Advanced automation and robotic systems, sensors and controls are focused on in the final year along with a project to help bring learning to life.

### SPECIAL FEATURES:

Enjoy a common first year across all our Level 8 engineering degrees. This gives you an understanding of all aspects of engineering and the flexibility to change direction in Year Two if desired.

### CAREER OPPORTUNITIES:

The integrated skills developed in this Robotics and Automation course 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. Graduates will have the interdisciplinary approach necessary to integrate

electronics, control, software and mechanical engineering to a wide range of industrial problems. This is one of the most sought-after skills in industry at present.

### FURTHER STUDY OPPORTUNITIES:

There are a number of masters programmes available in IT Sligo in the area of Connected and Autonomous Vehicles and Industry 4.0 as well as the opportunity to do a masters by research.

### PROFESSIONAL RECOGNITION:

The Institute will seek accreditation from Engineers Ireland for Chartered Engineer after the first cohort of graduates.

### DID YOU KNOW?

Robotics and Automation is becoming one of the fastest growing career areas.

## BACHELOR OF ENGINEERING

## MECHATRONIC ENGINEERING

## PROGRAMME DESCRIPTION:

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems used in modern manufacturing industries. 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.

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.

Mechatronic engineers are problem solvers by nature, looking for solutions to sometimes difficult engineering applications.

## PROGRAMME OVERVIEW:

**Year One:** Students study general engineering subjects including Mathematics and Physics, and modules including Technology, Electrical Principles, Introduction to Engineering and Programming.

**Year Two:** Students deepen their studies in the core modules of mechatronics, studying Instrumentation and Control, Automation and Electrical Signals and Systems. Hands-on experience in Robotics, Electronics, Pneumatics and Programmable Logic Controllers help to develop the skills expected of a mechatronic technician.

**Year Three:** Specialist modules including Industrial Data Communication, Control Systems, Supervisory Control and Data Acquisition ensure that students become proficient in Electronic System Design, Real-time Programming and Process Control. Students develop their abilities in design, implementation, report writing, time management and problem solving.

## QUICK FACT:

Our engineering graduates are in high demand to meet the skills shortage across the mechatronic & automation sector both nationally and internationally.

## GRADUATE DESTINATIONS:

Graduates work in a wide range of industrial settings, including the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors.

## DID YOU KNOW?

Mechatronics is how high-tech manufacturing is carried out today and is becoming one of the fastest growing career areas.

AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG334**  
CAO Points: **290**  
Duration: **3 Years**  
Number of Places: **32**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG334](http://www.itsligo.ie/SG334)

## FURTHER STUDY OPPORTUNITIES:

Graduates may progress to the Level 8 BEng (Hons) in Mechatronic Engineering or the BEng (Hons) in Robotics and Automation at IT Sligo. Following this, we have a wide range of Level 9 and 10 postgraduate programmes.

## COMMON ENTRY:

All our Level 7 and Level 6 engineering programmes have a common first semester. This equips students with the fundamentals of engineering and exposes them to all the types of engineering we offer. In semester two, students can then make an informed decision of what field of engineering to specialise in.

## PROFESSIONAL ACCREDITATION:



AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG335**  
CAO Points: **NEW**  
Duration: **3 Years**  
Number of Places: **32**  
Delivery: **Workplace/  
Online**

[www.itsligo.ie/SG335](http://www.itsligo.ie/SG335)

You 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. As a Mechatronic Systems graduate you will be equally at home in the mechanical or electronic domain and will be a specialist in interfacing computer-controlled systems.

## PROGRAMME OVERVIEW:

If you are interested, simply go to [itsligo.ie/sg335](http://itsligo.ie/sg335) and fill out the expression of interest form. After this, we will contact you to discuss what type of employer you would like to work with and what location you would like to work in.

In order to be accepted onto this course, applicants must be offered a three year traineeship position with a suitable employer, and meet the CAO points entry requirement. CAO applications should be made in the usual way. Our team are on hand to help find a placement with a suitable employer.

## BACHELOR OF ENGINEERING

## 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 course, you will spend three days per week in the workplace and two days per week studying online.

## SPECIAL FEATURES:

Students are paid for their three days per week in the workplace. Many employers will support students with fee payments also.

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.

All lectures are recorded which allows students the flexibility to watch them again.

## GRADUATE DESTINATIONS:

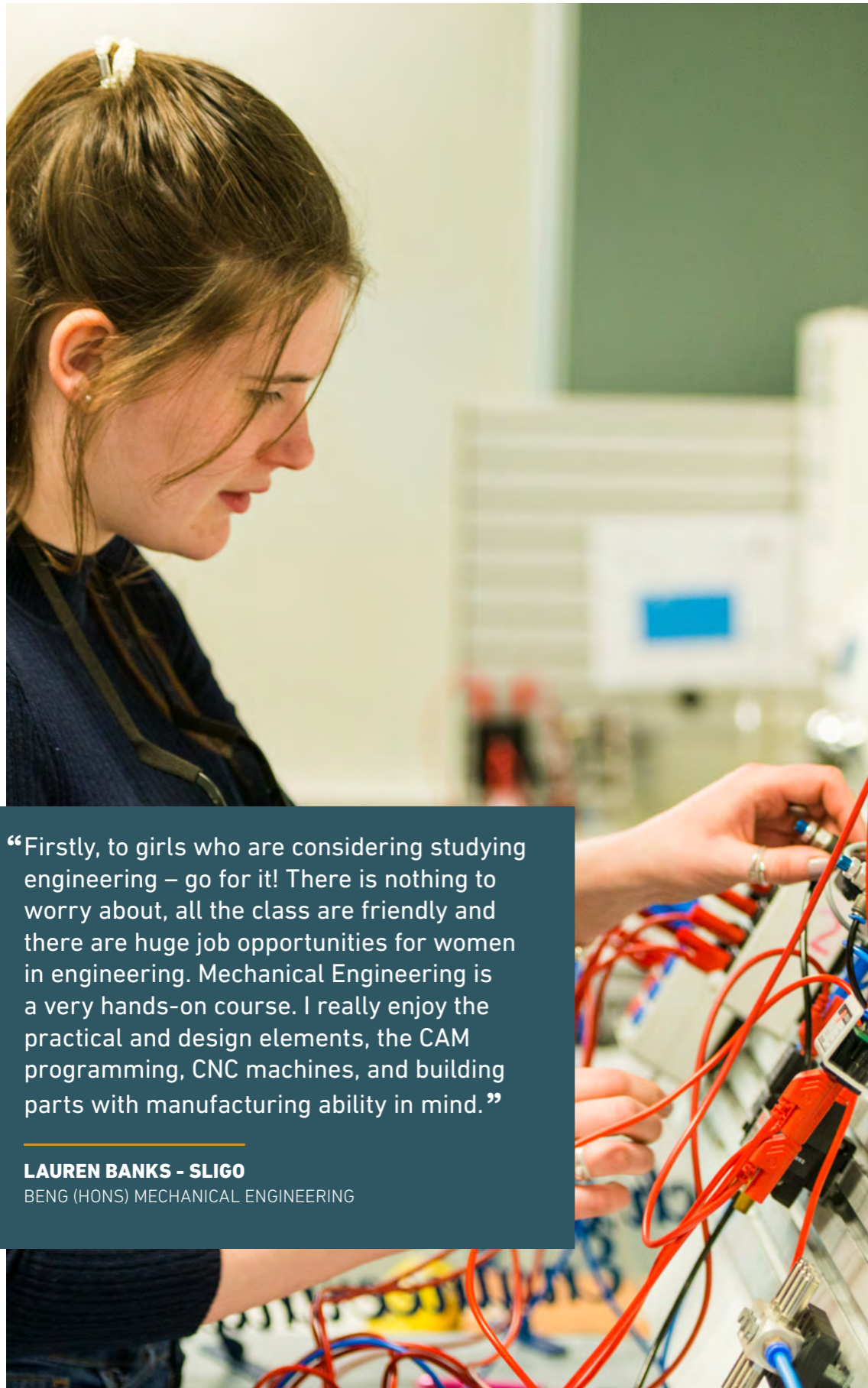
Graduates have the integrated skills to work in a variety of positions across the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors.

## FURTHER STUDY OPPORTUNITIES:

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.

## DID YOU KNOW?

IT Sligo is Ireland's leading online provider, delivering online engineering courses since 2002. Online students have access to a wide range of supports, the same as on-campus students, throughout their studies.



“Firstly, to girls who are considering studying engineering – go for it! There is nothing to worry about, all the class are friendly and there are huge job opportunities for women in engineering. Mechanical Engineering is a very hands-on course. I really enjoy the practical and design elements, the CAM programming, CNC machines, and building parts with manufacturing ability in mind.”

**LAUREN BANKS - SLIGO**

BENG (HONS) MECHANICAL ENGINEERING

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG344**  
 CAO Points: **NEW**  
 Duration: **4 Years**  
 Number of Places: **16**  
 Work Placement: **Yes**  
 Professional  
 Accreditation: **Yes**

[www.itsligo.ie/SG344](http://www.itsligo.ie/SG344)

## BACHELOR OF ENGINEERING (HONOURS)

# MECHANICAL ENGINEERING

### PROGRAMME DESCRIPTION:

This is a modern programme that prepares students for a broad range of career choices, some of which may not yet even exist, 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. Students will also be asked to consider issues such as ethics and sustainability.

IT Sligo provides an interactive learning experience, with a strong emphasis on practical, hands-on modules and project work in design and manufacturing. Modules are designed and delivered to ensure students are prepared for industrial innovation, whilst also enhancing their leadership and management skills.

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, and 3D printers as well as advanced CNC machines.

### PROGRAMME OVERVIEW:

**Year One:** Students are introduced to the engineering profession by sharing the fundamentals of engineering subjects with our other engineering programmes. The common first year helps develop a multidisciplinary mindset. Students are counselled during their first year on possible transfers, in line with their abilities and wishes.

**Year Two:** Students deepen their knowledge and understanding of mechanical engineering through

lectures, practicals, laboratories and workshops in Mechanics, Dynamics, Hydraulics, Manufacturing Processes, Materials, Automation, and CAD, along with Mathematics and a Design Engineering Project.

**Year Three:** Students further enhance their knowledge in subjects allied to the mechanical engineering profession, such as Energy systems, Simulation, Computer Aided Engineering, and Lean Six Sigma & Validation. Students also prepare for their Industrial Placement that is carried out between January and September.

**Year Four:** Students engage in advanced subjects that look at the future of the mechanical engineering sector and promote innovation. Students undertake a significant engineering project in order to develop an innovative product or system. Topics such as Finance, and Industry 4.0, prepare students for the digitalisation of the engineering sector.

### SPECIAL FEATURES:

All our Level 8 engineering programmes have a common first year. This gives students an understanding of all aspects of engineering and the flexibility to change their specialism in Year Two if they wish.

Students will have the opportunity to apply to study for one semester in Germany (Esslingen University of Applied Sciences) via an Erasmus+ exchange programme.

### GRADUATE DESTINATIONS:

The core skills in this mechanical engineering programme enable students to take up the growing employment opportunities nationally and internationally. Graduates work in positions such as Mechanical Engineer, Manufacturing Engineer, Design Engineer, Product Designer and Materials Engineer. Graduates also have the necessary key skills and attributes to progress into managerial or Research & Development roles. This programme also equips graduates with sufficient research skills for progression to postgraduate studies.

### PROFESSIONAL ACCREDITATION:

The Institute will seek accreditation from Engineers Ireland for Chartered Engineer after the first cohort of graduates.

## BACHELOR OF ENGINEERING

MECHANICAL  
ENGINEERING

## PROGRAMME DESCRIPTION:

The programme provides students with the skills, knowledge, and competencies required to begin a career in mechanical and manufacturing engineering. The programme will enable students to understand and apply the principles of mathematics, science, physics, and the various mechanical engineering technologies, as well as practising design processes and techniques.

This programme is a hands-on practical learning experience, designed to address the needs of industry by supplying skilled technicians who have developed a diverse set of skills.

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, and 3D printers as well as advanced CNC machines.

PROGRAMME  
OVERVIEW:

**Year One:** Students explore the different areas of engineering through a selection of practical modules, allowing them to decide which area they wish to pursue in second semester. Students study general engineering subjects including Mathematics, Physics, Mechanics, Engineering Technology and Computer-aided Design.

**Year Two:** Students specialise in mechanical engineering, and study Engineering Materials, Thermodynamics and Fluid Mechanics, Computer-integrated Manufacturing and Automation Technology, Computer-aided

Manufacture, Manufacturing Technology and Computer aided Design (CAD), along with Mathematics, Mechanics and completing a group project.

**Year Three:** Students enhance their knowledge and skill levels. They perform more detailed analysis and testing. Students also undertake a major design and group build project.

## SPECIAL FEATURES:

A large proportion of the programme is delivered via practicals, laboratories and workshops. Students also undertake company visits and receive guest lectures from industry speakers.

Our students have won several national competitions with their final year projects, notably with Engineers Ireland and at the National Ploughing Championships.

After completion of Year Two, students can exit with a Higher Certificate in Mechanical Engineering. After completion of Year Three, students can either join the BEng (Hons) Mechanical Engineering or the BEng (Hons) Precision Engineering & Design. Both Honours degrees offer a placement in a relevant industry.

AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG333**  
CAO Points: **216**  
Duration: **3 Years**  
Number of Places: **48**  
Work Placement: **No**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG333](http://www.itsligo.ie/SG333)GRADUATE  
DESTINATIONS:

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 course, graduates secure positions as design engineers in automation companies and other manufacturing companies. Graduates work as technicians, technologists and associate engineers in production planning, engineering management, maintenance, quality, calibration, validation, energy utilisation and project management.

A number of graduates work in medical device manufacturing whilst others have obtained positions working in aircraft maintenance.

PROFESSIONAL  
ACCREDITATION:

AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG336**  
CAO Points: **309**  
Duration: **3 Years**  
Number of Places: **16**

[www.itsligo.ie/SG336](http://www.itsligo.ie/SG336)

Students will acquire the specialist knowledge and skills needed to design and manufacture modern, high-tech engineering products, and to design and build the specialist equipment needed for their manufacture. Skill shortages have been identified in precision engineering and there are huge job opportunities for engineers with these skills. Opportunities exist both nationally and internationally.

The 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, and 3D printers as well as advanced CNC machines.

PROGRAMME  
OVERVIEW:

**Year One:** During the first semester students are introduced to the engineering profession by sharing the same modules as our other engineering programmes. The common first semester helps develop a multidisciplinary mindset.

## BACHELOR OF ENGINEERING

PRECISION ENGINEERING  
AND DESIGN

## PROGRAMME DESCRIPTION:

Precision Engineering is a sub-discipline of Mechanical Engineering that focuses on the design, development and manufacturing of high accuracy components and products, such as machines and fixtures produced for the medical devices and aerospace industries.

The programme will enable students to understand and apply the principles of mathematics, science, physics, and the various precision engineering technologies, as well as practicing design processes and techniques.

**Year Two:** Students specialise in Mechanical Engineering, and study Engineering Materials, Thermodynamics and Fluid Mechanics, Computer-Integrated Manufacturing and Automation Technology, Computer-Aided Manufacture, Manufacturing Technology and Computer Aided Design (CAD), along with Mathematics, Mechanics and completing a group project.

**Year Three:** Specialist precision engineering modules ensure that students become proficient in Product and Tool Design, CNC Technologies, Robotics, Integrated Manufacturing, Metrology, Validation and Quality Management. Students complete a major final-year project.

## SPECIAL FEATURES:

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.

After completion of Year Two, students can exit with a Higher Certificate in Mechanical Engineering. After completion of Year Three, students can either join the BEng (Hons) Precision Engineering & Design or the BEng (Hons) Mechanical Engineering. Both Honours degrees offer a placement in a relevant industry.

Students of this programme can apply for financial bursaries which are worth up to €1500.

## QUICK FACT:

Our graduates are in very high demand to meet the skills shortages in the precision industry, both nationally and internationally.

GRADUATE  
DESTINATIONS:

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.

## BACHELOR OF ENGINEERING (HONOURS) BACHELOR OF ENGINEERING

# 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 a number of different engineering areas including environmental, geotechnical, structural, transportation and construction. Our degrees are a blend of formal lectures and relevant practical classes to enhance understanding of topics. Meanwhile, real-life projects allow students to apply the information learned to typical Civil Engineering applications.

### PROGRAMME OVERVIEW:

**Year One:** The early part of the programme is designed to allow students to develop an understanding of science and technology, which are the underlying principles of engineering. Modules include: Computer Aided Design (CAD), Mathematics, Surveying, Structures and Construction Technology.

**Year Two:** The modules of Year One are honed with added study in areas such as Hydraulics, Geology, Site Management and Structural Mechanics. Written and verbal communication skills are continuously developed through presentations and technical writing.

**Year Three:** Students continue with modules from the previous two years while also focusing on structural design and various sectors of engineering such as environmental. Level 7 graduates will also prepare their final year project.

**Year Four (Level 8):** Level 8 students continue structural analysis while also preparing their final year project. This allows them to demonstrate their research skills in a specific area of interest.

### SPECIAL FEATURES:

Enjoy a common first year across all Level 8 engineering degrees. Level 7 students enjoy a common first semester. Students get an understanding of all aspects of engineering and keep the flexibility to change direction of speciality in their first year.

Level 8 students complete a 12-week work placement towards the end of the second semester of Year 3 from April to June.

Students can exit after Year Two, Three or Four and leave with a qualification regardless of which course they sign up for.

### GRADUATE DESTINATIONS:

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.

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
CAO Code:  
Level 8: **SG342**  
Level 7: **SG338**  
CAO Points:  
Level 8: **415**  
Level 7: **245**  
Duration: **3/4 Years**  
Number of Places: **32**  
Work Placement: **Yes**  
Professional Accreditation: **Yes**

L8: [www.itsligo.ie/SG342](http://www.itsligo.ie/SG342)

L7: [www.itsligo.ie/SG338](http://www.itsligo.ie/SG338)

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.

Level 7 graduates may progress to the BEng (Hons) in Civil Engineering at IT Sligo and at other higher education Institutions. Graduates who achieve a minimum overall result of 55%, and 70% in Mathematics can progress to the start of the third year of the Honours Degree.

Level 8 graduates may progress to taught and research Masters of Engineering at IT Sligo or at other third-level Institutions.

### PROFESSIONAL ACCREDITATION:

 **ENGINEERS IRELAND**  
ACCREDITED PROGRAMME

AskEngineering@itsligo.ie

Award:  
**Higher Certificate (Level 6)**  
CAO Code: **SG302**  
CAO Points: **184**  
Duration: **2 Years**  
Number of Places: **32**  
Erasmus+: **Yes**

[www.itsligo.ie/SG302](http://www.itsligo.ie/SG302)

### PROGRAMME OVERVIEW:

**Year One:** The course commences with a general introduction to the building industry including roles and responsibilities of the various people involved. Students are also introduced to the principles of measurement supported by an insight into modern construction technology and techniques.

Computer software including 3D building modelling is used to assist with measurement and ensure that modern techniques and tools are available from an early stage. A subject in site management focuses on organisational skills, materials management and health and safety requirements of running a building site. Year One also provides an ongoing focus on verbal, written and digital communication.

**Year Two:** In the second year students continue to explore core subjects of measurement and construction technology at a more advanced and specialised level, including low energy houses, renewable energy sources and mechanical/ electrical services. New subjects

## HIGHER CERTIFICATE IN SCIENCE

# CONSTRUCTION ECONOMICS

### PROGRAMME DESCRIPTION:

This course 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 course will ensure that graduates are prepared for the role of managing construction project costs in an ever-changing industry.

of law, construction contracts and procurement are also introduced which examine the necessary aspects of appointing a builder, contracts, payments and insurances. Cost estimating and economics modules provide the essential skills for financial planning and running a construction project of any size within a fast-paced industry. Year Two also builds on communication skills.

### EXAMPLE OF MODULES:

Measurement, Construction Technology, Estimating Software, Site Management, Information Communications Technology, QS/3D Software, Learning Theory, Report Writing, Estimating, Contracts & Procurement, Law, Construction Economics, Professional Practice.

### SPECIAL FEATURES:

The course employs the latest technology including 3D modelling, on-screen measurement and BIM readers.

Construction Economics has become a stepping-stone for many students into the area of quantity surveying and construction management.

### GRADUATE DESTINATIONS:

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.

Graduates can progress directly to the final year of our BSc in Quantity Surveying, the final year of our BSc in Construction Management (Online) or to related Level 7 courses at other third-level Institutions.



**BACHELOR OF SCIENCE (HONOURS)  
BACHELOR OF SCIENCE**

## QUANTITY SURVEYING

### PROGRAMME DESCRIPTION:

This programme prepares students for the specialised discipline of quantity surveying and offers graduates a broad skills base for the specialised profession.

The 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 course reflects the current needs of the workplace. The syllabus covers a range of professional skills including communication, ethics, construction law, property development and commercial management.

### PROGRAMME OVERVIEW:

**Year One:** Students will be taught the basics and principles of simple building measurement and will also be introduced to Basic Building Technology, Site Management and Professional Management Skills.

**Year Two:** Students study Construction and Material Management, Health and Safety, Contract Administration, Quantity Surveying Software (to estimate the value of construction projects), Construction Economics and Construction Law.

**Year Three:** Students undertake a work placement for a minimum of three months. Core Modules include Measurement of Industrial and Commercial Buildings, Cost

Control and Planning, Dispute Management and Resolution and Programming of a Construction Project.

**Year Four (Level 8):** The programme culminates in fourth year with the measurement of complex structures and civil engineering works, the application of building information modelling, property development, commercial management, overview of the Public Works contracts and research methods.

Students undertake a practical Capstone project, whereby a cost planning and value engineering exercise will be carried out on a commercial building. Students also complete a dissertation on a relevant topic of their choice.

### SPECIAL FEATURES:

Students will undertake a period of relevant work placement to enhance the whole learning experience. This degree programme is fully accredited for chartered membership of the Society of Chartered Surveyors Ireland (SCSI), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
 CAO Code:  
 Level 8: **SG343**  
 Level 7: **SG339**  
 CAO Points:  
 Level 8: **311**  
 Level 7: **195**  
 Duration: **3/4 Years**  
 Number of Places: **32**  
 Work Placement: **Yes**  
 Erasmus +: **Yes**  
 Professional Accreditation: **Yes**  
 L8: [www.itsligo.ie/SG343](http://www.itsligo.ie/SG343)  
 L7: [www.itsligo.ie/SG339](http://www.itsligo.ie/SG339)

### GRADUATE DESTINATIONS:

Level 7 graduates can progress to the Level 8 in Quantity Surveying.

Level 8 graduates can progress directly to the Level 9 Certificate in Mechanical and Electrical Quantity Surveying and MSc in Construction Project Management.

Graduates are qualified for careers in quantity surveying consultancy, contracting organisations, specialist sub-contracting firms and elsewhere within the industry.

### PROFESSIONAL ACCREDITATION:



“The course has a great mix of practical and theory. We were never just sitting in a class all the time. We could have a class of construction studies or construction law, and then we might be outside carrying out a land survey or in the computer lab using AutoCAD. The modules are varied and always kept me interested and wanting to learn more. I now live in New York and I have worked on large scale projects across Manhattan using my IT Sligo degree.”

**KRISTINA MC GRATH - DONEGAL**  
 BSC (HONS) QUANTITY SURVEYING



“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. Days in the workshop are great, as it is a real hands-on experience. 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. We also study modern subjects like Building Information Modelling (BIM) which is really important.”

**NATHAN WRAY - DONEGAL**

BSC (HONS) CONSTRUCTION PROJECT MANAGEMENT AND APPLIED TECHNOLOGY

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG346**  
 CAO Points: **291**  
 Duration: **4 Years**  
 Number of Places: **32**  
 Work Placement: **Yes**  
 Professional  
 Accreditation: **Yes**

[www.itsligo.ie/SG346](http://www.itsligo.ie/SG346)

This programme integrates applied technology with the use of a state-of-the-art workshop. Students develop economic, legal, technical, managerial knowledge and skills. They also take part in project-orientated group work where real-life problems are tackled. 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.

**PROGRAMME OVERVIEW:**

**Year One:** Modules include Applied Practical Technology, Sustainable Construction Technology, Graphical Communication and Design, Computer Aided Design (CAD), Measurement and Costing, Health and Safety for the Built Environment, Computer Applications, Site Surveying and Building Information Modelling (BIM).

**Year Two:** More in-depth knowledge with an introduction to new modules in Risk Management and Research Design and Fabrication of Low Energy Fabric Models.

**BACHELOR OF SCIENCE (HONOURS)**

**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. Our graduates have the skills needed to effectively manage project cost, scope and timelines for an ever-changing national and international construction industry.

**Year Three:** Real-life practical projects are used to reinforce the theory, culminating in a major practical project combining all course modules. A work placement is undertaken within industry to utilise skills developed.

**Year Four:** Includes modules such as Financial Management, Contracts and Dispute Resolution, Development Appraisal and Economics, Planning and Programming, Corporate Management and Construction Law Liabilities and Obligations. A dissertation in the area of Construction Project Management will also be undertaken.

**SPECIAL FEATURES:**

The course is accredited by the Chartered Institute of Building (CIOB), the Royal Institution of Chartered Surveyors (RICS) and with the Society of Chartered Surveyors Ireland (SCSI), which will enable graduates to become Chartered Project Managers and manage projects in line with the industry best practices.

Students can obtain an internationally recognised certificate or micro-credential titled Building Information Modelling Approved Graduate (BIM AG).

**FURTHER STUDY OPTIONS:**

Graduates can further their studies with a Level 9 masters or study a Professional Masters of Education (PME) to become a post-primary school teacher in Construction Studies & DCG.

**GRADUATE DESTINATIONS:**

Construction project managers are in considerable demand, therefore graduates from this course are much sought after by employers. Graduates work with consultants, building contractors, architects, quantity surveyors and local authorities, as carpenters, site managers, project managers and architectural technicians.

**PROFESSIONAL ACCREDITATION:**





## BACHELOR OF SCIENCE

# 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.

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 to construct real-life projects in our purpose built, highly equipped workshops.

## PROGRAMME OVERVIEW:

**Year One:** Introduction to the basic domestic building elements and construction methods including Practical Carpentry & Joinery, Site Management, Information Communication Technology, Sustainable Construction Materials and Detailing, Graphical Communication and Design.

**Year Two:** Students will develop a greater understanding of domestic building elements and construction methods including, Practical Building Construction, Passive and NZEB Construction, Building Services, Health and Safety, Measurement and Management and Building Information Modelling.

**Year Three:** Students will continue their in-depth study of larger scale building elements

and construction methods in the final year. They include Practical Construction of Installations, Health & Safety, Project Planning, Design and Management of Facilities. Throughout the programme, real-life practical projects are used to reinforce the theory, culminating with a major practical project.

## SPECIAL FEATURES:

This programme has an exit award after two years of a Higher Certificate, Level 6. The programme is accredited by the Chartered Institute of Building (CIOB), the largest construction body of its type.

## GRADUATE DESTINATIONS:

Many graduates work as Building Contractors, Construction Project Managers, Carpenters, Fire Safety Engineers, Site Managers and Architectural Technicians. A wide and diverse range of employment opportunities are on offer from construction planning to building surveying and site mapping.

Graduates have the opportunity to progress to a one-year Level 8 add-on Degree in Construction Project Management in IT Sligo, or other related courses.

AskEngineering@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
 CAO Code: **SG332**  
 CAO Points: **208**  
 Duration: **3 Years**  
 Number of Places: **32**  
 Work Placement: **Yes**  
 Professional  
 Accreditation: **Yes**

[www.itsligo.ie/SG332](http://www.itsligo.ie/SG332)

## GRADUATE STORY:

**“We undertook a vast array of interesting and practical modules. These have all been very relevant across the different roles I have been employed in since graduation. AutoCAD, Asta Power Project, Planning and Cost Control and Health and Safety have been particularly beneficial to myself, as they are common areas that I use on a daily and weekly basis.”**

**Ciarán Blake,**  
 BSc in Advanced Wood and Sustainable Building Technology and BSc (Hons) in Construction Project Management (add-on),  
 Site Foreman, JFC Ltd.

## PROFESSIONAL ACCREDITATION:



AskEngineering@itsligo.ie

Award:  
**Higher Certificate (Level 6)**  
 CAO Code: **SG308**  
 CAO Points: **171**  
 Duration: **2 Years**  
 Number of Places: **32**

[www.itsligo.ie/SG308](http://www.itsligo.ie/SG308)

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. Students will also 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. Students will acquire a range of employability skills through team project work and ongoing development of transferable skills e.g. report writing, communication and time management, important components of career development.

## HIGHER CERTIFICATE OF SCIENCE

# 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 new two-year Level 6 Higher Certificate in Applied Construction Technology is based around IT Sligo's state-of-the-art construction workshops, delivering a unique experience to students by applying theoretical knowledge to practical projects.

## PROGRAMME OVERVIEW:

**Year One:** Modules include Applied Construction Technology, Graphical Communication and Computer Aided Design (CAD), Surveying, Domestic Construction Technology.

**Year Two:** Modules include Building Information Modelling (BIM), Project Design and Management, Construction Contracts and Procurement, ICT for Construction and Health and Safety Management.

## GRADUATE DESTINATIONS:

This course will prepare students for a wide range of career opportunities within the construction, surveying and architectural technology disciplines. A graduate from this programme 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. Graduates from the programme will be ideally placed to take advantage of the growing opportunities in the construction sector nationally and internationally.

Graduates can progress to the Level 7 programme at IT Sligo in BSc. Advanced Wood & Sustainable Building Technology after which they can progress to the Level 8 BSc. (Hons) in Construction Project Management & Applied Technology.

## QUICK FACT:

Our graduates are in high demand to meet the skills shortages in the construction industry, both nationally and internationally.

**BACHELOR OF ENGINEERING (HONOURS)****ELECTRONICS AND SELF-DRIVING TECHNOLOGIES****PROGRAMME DESCRIPTION:**

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. Our innovative degree in Electronics and Self Driving Technologies provides students with the skills required to invent the next generation of electronic devices for all sectors and applications. Not only that, students will also have the engineering and electronic design skills to pursue a career in the exciting new chapter of automotive and robotic technologies – Self Driving Technologies.

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 in areas that require skills in electronic, mechanical, mechatronics and embedded systems engineering.

**PROGRAMME OVERVIEW:**

**Year One:** First year modules are common across all our Level 8 engineering programmes. Modules consist of the foundation blocks of engineering.

**Year Two:** Students begin to specialise in electronics. They take modules such as Analogue and Digital Electronics, Programming, Networks and Data Communications, and Control Systems. Many modules contain a high percentage of practical work.

**Year Three:** Students start to explore the exciting area of image processing, the first step to understanding how an autonomous vehicle/robot 'sees'. The Digital Signal

Processing module explores how a computer/processor would process such signals, and extract intelligence from them. From January, students go on a six-month work placement, where they get to put their newly acquired skills into practice.

**Year Four:** Students explore and deepen their knowledge in relevant areas of electronics and self-driving technologies. Modules such as Cybersecurity, Virtual and Augmented Reality, Sustainable Technologies, Machine Learning and Robotic Path Planning are undertaken. The year culminates with the development of a Capstone Project.

**SPECIAL FEATURES:**

Students can apply to complete their work placement abroad as part of the Erasmus+ programme.

**DID YOU KNOW?**

Silicon Republic described Ireland's west coast as being in the driving seat when it comes to autotech, and IT Sligo 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.

AskEngineering@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG349**  
 CAO Points: **NEW**  
 Duration: **4 Years**  
 Number of Places: **32**  
 Erasmus+: **Yes**  
 Professional Accreditation: **Yes**  
 Work Placement: **Yes**

[www.itsligo.ie/SG349](http://www.itsligo.ie/SG349)**FURTHER STUDY OPPORTUNITIES:**

Graduates may progress to our Master of Engineering in Connected and Autonomous Vehicles.

**GRADUATE DESTINATIONS:**

The autonomous/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/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.

**PROFESSIONAL ACCREDITATION:**

The Institute will seek accreditation from Engineers Ireland for Chartered Engineer after the first cohort of graduates.

AskComputing@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
**Higher Certificate (Level 6)**  
 CAO Code:  
 Level 8: **SG246**  
 Level 7: **SG138**  
 Level 6: **SG102**  
 CAO Points:  
 Level 8: **290**  
 Level 7: **260**  
 Level 6: **254**  
 Duration: **2/3/4 Years**  
 Number of Places: **25**  
 Work Placement: **Yes**  
 Professional Accreditation: **Yes**

L8: [www.itsligo.ie/SG246](http://www.itsligo.ie/SG246)  
 L7: [www.itsligo.ie/SG138](http://www.itsligo.ie/SG138)  
 L6: [www.itsligo.ie/SG102](http://www.itsligo.ie/SG102)

Creativity, problem solving, persistence and critical thinking are key skills which are developed during the course. 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.

**PROGRAMME OVERVIEW:**

**Year One:** Students take modules in Programming, Mathematics, Computer Systems and Networking, Web and App Design, User Experience, Personal Development and Internet of Things. This gives a broad overview of computing and equips them to select their electives in future years.

**Year Two:** Modules in Programming, Mathematics, Cloud Computing and Database Management. Students choose

**BACHELOR OF SCIENCE (HONOURS)  
BACHELOR OF SCIENCE  
HIGHER CERTIFICATE OF SCIENCE****COMPUTING****PROGRAMME DESCRIPTION:**

In the first year of study, students learn about the core foundations in key computing disciplines. From Year Two onwards, students have a choice of what modules they study and can choose from disciplines including Software, Cyber Security, Cloud Computing and Networking. Our programmes in computing are ideal for students who are interested in computing but want flexibility. They are also extremely hands-on with lots of time spent in computer labs creating programs and solving problems.

two electives each semester, from Networking or Software Development. The cloud computing module includes certification from Amazon Web Services.

**Year Three (Level 7 and Level 8):** A mixture of mandatory and elective modules as well as a team project. Third year also includes a 12-week work placement module where students get a chance to gain hands-on experience and prepare for the world of work.

**Year Four (Level 8):** Modules in year four include Machine Learning and Artificial Intelligence as well as advanced networking and cloud computing. Students undertake an individual project which requires them to work with state-of-the-art technology.

**SPECIAL FEATURES:**

Enjoy a common first year in computing modules to give you an understanding of all aspects of computing and the flexibility to change direction in year two if desired.

We have listened to employers and incorporated soft skills such as team-work, project management and presentation skills into this programme.

**GRADUATE DESTINATIONS:**

Graduates work in Ireland and internationally in roles such as software developers, software quality assurance personnel, systems engineers, telecoms engineers, database developers, database administrators and more, commanding high salaries.

**DID YOU KNOW?**

A degree in computing offers countless employment opportunities both in Ireland and abroad. Recent government reports have highlighted a skills shortage in computing. This has also resulted in increased graduate salaries.

**PROFESSIONAL ACCREDITATION:**

 **aws academy**



“The degree is very hands-on and gives real life experience with equipment. The syllabus includes relevant topics and techniques that are used in the working environment. Systems Administration and RPI were my favourite modules as the projects were based on our own ideas and research. This gave freedom to expand our knowledge in specific areas and provided a platform to be creative. I secured employment straight after college and I currently work as a Cloud Technician.”

**ORLA DEVANEY - SLIGO**

BSC (HONS) COMPUTER NETWORKS AND CYBER SECURITY

AskComputing@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
 CAO Code:  
 Level 8: **SG253**  
 Level 7: **SG137**  
 CAO Points:  
 Level 8: **378**  
 Level 7: **326**  
 Duration: **3/4 Years**  
 Number of Places: **30**  
 Professional  
 Accreditation: **Yes**  
 Work Placement: **Yes**  
 Erasmus opportunity: **Yes**  
 L8: **www.itsligo.ie/SG253**  
 L7: **www.itsligo.ie/SG137**

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.

We also focus on developing students' soft skills including teamwork, communication and creativity which are increasingly important to employers.

#### PROGRAMME OVERVIEW:

The programme covers skills in the design, configuration and deployment of networking infrastructures. As well as skills in software configuration of networking devices and deploying such devices to the cloud.

**Year One:** Students study a common first year across all computing courses, allowing them to establish where their strengths lie.

## BACHELOR OF SCIENCE (HONOURS) BACHELOR OF SCIENCE

# COMPUTER NETWORKS AND CYBER SECURITY

#### PROGRAMME DESCRIPTION:

This course 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 eco-system has evolved and grown at an exponential rate over the last number of years and is a critical aspect for all sectors of our economy.

**Year Two:** Students are introduced to Networks and Database Technology and Management. Modules include Linux, Signals and Systems and Cloud Computing.

**Year Three:** Students complete a minimum 12-week work placement in an IT industry. This placement, coupled with a full year group project, gives students valuable practical experience. The project allows students to work in a team building a real-world IT infrastructure consisting of existing and emerging technologies.

**Year Four (Level 8):** The emphasis is on advanced skills in Networking, Cyber Security, Virtualisation and Cloud Computing. Students also engage in a research thesis/project.

#### PROFESSIONAL ACCREDITATION:

This course is mapped onto professional industry qualifications in the areas of CompTia A+, Cisco CCNA, Microsoft Server and AWS certifications.

#### GRADUATE DESTINATIONS:

Graduates have the skills to work as a Network Systems Administrator, Computer Network Defence Administrator, Wireless Network Engineer, Computer Systems Administrator, Cloud Solutions Architect, Cybersecurity Engineer, Network and Cyber Security Specialist, Wireless and Voice Specialist, Systems Design Engineer and lots more.

#### FURTHER STUDY OPPORTUNITIES:

Graduates of the Level 7 degree may progress to the BSc (Hons) in Computer Networks and Cloud Infrastructure. Graduates of the Level 8 degree can progress to our Level 9 MSc in Computing.

#### 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.

## BACHELOR OF SCIENCE (HONOURS) BACHELOR OF SCIENCE

# SOFTWARE DEVELOPMENT

### PROGRAMME DESCRIPTION:

The emphasis of the programme is to supply candidates with coding and communication skills to enable them to be productive members of a growing worldwide software technology sector. The software industry is strong, providing specialist employment, with Ireland an important centre for localisation. We constantly re-assess course content to keep pace 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.

The Irish technology sector remains buoyant with Google, Facebook, Microsoft and eBay all having a major presence here. At IT Sligo, our objective is to equip graduates with the skills to seek employment in this level of business.

We also focus on developing students' soft skills such as teamwork and communication. These skills are increasingly important to employers.

### PROGRAMME OVERVIEW:

**Year One:** This is common across all computing streams. Students are introduced to a variety of computing technologies including fundamentals of Computer Hardware, Micro Controller Programming, an Introduction to Microsoft .NET programming and Mathematics for Computing. Supports are in place to aid with mathematics.

**Year Two:** Planning and developing small object-oriented software solutions for desktop and the web in a cloud-based environment. Modules include Systems Analysis and Design, Database Systems, Object Oriented Programming, Web Programming, Cloud Computing and Mathematics.

**Year Three:** A year-long group project, Work Placement, Rich Applications Development, Software Engineering, Database Management and Open Stack Development.

**Year Four (Level 8):** Covers advanced programming concepts and gives students a more rounded education, focusing on technologies and techniques that are highly sought after by the software industry and wider community. Subjects studied include Artificial Intelligence, Strategic Technology Management, Advanced Microsoft.NET Programming, Data Analytics, Machine Learning and Software Security.

### SPECIAL FEATURES:

This degree was the first programme to teach Microsoft .NET technologies. IT Sligo is also 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.

The lecturers on the programme are experienced programmers and designers. In many cases, they are, or have been, practitioners in the software industry.

AskComputing@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
CAO Code:  
Level 8: **SG252**  
Level 7: **SG136**  
CAO Points:  
Level 8: **307**  
Level 7: **272**  
Duration: **3/4 Years**  
Number of Places: **24**  
Work Placement: **Yes**  
Erasmus +: **Yes**

L8: [www.itsligo.ie/SG252](http://www.itsligo.ie/SG252)

L7: [www.itsligo.ie/SG136](http://www.itsligo.ie/SG136)

### GRADUATE DESTINATIONS:

Graduates of the programme typically assume the role of 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 etc. Software development is an internationally recognised transferrable skill.

### FURTHER STUDY OPPORTUNITIES:

Graduates can progress to Masters study. Options include the MSc in Computing or the MEng in Connected and Autonomous Vehicles here at IT Sligo.

### DID YOU KNOW?

Ireland's reputation as a centre of software excellence is unrivalled in Europe. It is home to over 900 software companies, including both multinational and indigenous firms, employing 24,000 people and generating €16 billion of exports annually.



“The common first year across all computing programmes at IT 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 the degree. The programming, machine learning, UX/UI and AWS Cloud modules were some of my favourites. Work placement has been pivotal in my success to date as I gained experience in developing code for real life projects and products. I now work as a Cloud Support Engineer for Amazon in Dublin.”

**AOIFE EGAN - SLIGO**

BSC (HONS) SOFTWARE DEVELOPMENT



“The creative part of the course is something I enjoy the most. In second year, I drew concept art of mechs and picked one to animate. I then implemented it into a game that I was coding at the time. The whole design process was a fun and exciting experience. As part of my work experience, I completed a project which consisted of developing a game from scratch and publishing it. This really helped to develop my skills.”

**SIMRAN DHILLON - SLIGO**  
BSC GAMES DEVELOPMENT

AskComputing@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG131**  
CAO Points: **280**  
Duration: **3 Years**  
Number of Places: **30**  
Work placement: **Yes**

[www.itsligo.ie/SG131](http://www.itsligo.ie/SG131)

**BACHELOR OF SCIENCE**

## **GAMES DEVELOPMENT**

### **PROGRAMME DESCRIPTION:**

This course uses a software engineering approach to games development, combining 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 multi-million euro global industry. Xbox, PlayStation and Smartphone Apps are some well-known examples, with countless other businesses working on games and applications development.

While focused on developing games software, we also provide a general grounding in software engineering to equip students with a breadth of 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 on the programme that allows students to flex their creativity and gain first-hand experience.

### **PROGRAMME OVERVIEW:**

**Year One:** A common first year across computing programmes allows students to establish where their strengths lie. Games development students diverge from the common year to get access to an Introduction to Games Programming module, designed specifically to prepare them for future games programming subjects.

**Year Two:** There will be modules in both 2D and 3D Games Programming, Object Oriented Programming and Game Content Design. Students will be introduced to Database Technology, Data Structures and Algorithms.

**Year Three:** Students have the space and support to work in a team, to design and develop an original gaming experience, while exploring emerging technologies such as augmented and virtual reality. Students are also prepared for the workplace through a work placement. We have a network of work placement employers and a successful work placement is often the door to a full-time job.

### **GRADUATE DESTINATIONS:**

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. While focused on developing games software, we also provide a general grounding in software engineering to equip students with a breadth of skills to work in any aspect of the information technology industry.

### **FURTHER STUDY OPPORTUNITIES:**

Graduates may progress to the final year of our Level 8 honours degree in Software Development.

Following this, graduates can progress to a range of Masters programmes.

### **SPECIAL FEATURES:**

Student projects are presented at The Sligo Engineering & Technology Expo. The Expo is attended by a range of companies including Fortune 500 industry leaders. This allows students to network with potential employers. In 2021, student projects included a variety of video games and innovative apps.

We also focus on developing students' soft skills such as teamwork and communication. These skills are increasingly important to employers.

### **DID YOU KNOW?**

A degree in computing offers countless employment opportunities both in Ireland and abroad. Recent government reports have highlighted a skills shortage in computing. This has also resulted in increased graduate salaries.

## BACHELOR OF ARTS (HONOURS) BACHELOR OF ARTS

# CREATIVE DESIGN

### PROGRAMME DESCRIPTION:

The Creative Design programme at IT Sligo 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. Graduates of this degree are designing cars, apps, medical devices, and are working in design areas like graphics, electronic products, start-ups and more.

The world we live in needs good designers. This programme provides students with the opportunity to shape the world we live in. Everything we use in everyday life has been creatively designed by someone. From the toothbrush we use first thing in the morning, the shoes and clothes we wear, the phones, cars and computers we use, the services we enjoy, to the bed we sleep in at night.

### PROGRAMME OVERVIEW:

Design students enjoy being creative. Through a variety of interesting modules and a high percentage of studio time, students grow in confidence, learning how to be playful, and to listen to, and trust, their creative intuition.

### EXPERIMENT

Students learn to draw, sketch, use computer aided design (CAD), digital media, model-making, and learn how to research and analyse to build better design solutions.

### DESIGN

Students discover the joy in design. Students use design thinking skills to create

imaginative solutions to complex problems creating concepts that shape real change in how we live our lives.

### MAKE

Students use the workshop space to make real-world projects in partnership with companies and industry partners and with the users of the product solutions..

### TRANSFORM

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.

### SPECIAL FEATURES:

Students have the option of work placement in Year Three, which includes the opportunity to take part in an international student exchange programme.

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.

In the final year of the Level 8 degree, students produce their

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
CAO Code:  
Level 8: **SG245**  
Level 7: **SG232**  
CAO Points:  
Level 8: **282**  
Level 7: **276**  
Duration: **3/4 Years**  
Number of Places: **32**  
Work Placement: **Yes**  
Erasmus+: **Yes**

L8: [www.itsligo.ie/SG245](http://www.itsligo.ie/SG245)  
L7: [www.itsligo.ie/SG232](http://www.itsligo.ie/SG232)

final project. This is exhibited to the public at IT Sligo's Annual Design Showcase.

Students enter national and international design competitions. Our students regularly win awards for their innovative designs.

### DID YOU KNOW?

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.

### GRADUATE DESTINATIONS:

Graduates work in design consultancy, industrial design, exhibition design, retail design, furniture design, the multimedia sector, services design, design education and design management.

Level 7 graduates can progress to the Level 8 honours degree in Creative Design. Level 8 graduates can undertake further studies at Masters and PhD level.

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG347**  
CAO Points: **360**  
Duration: **5 Years**  
Number of Places: **32**  
Erasmus+: **Yes**  
Professional Accreditation: **Yes**

[www.itsligo.ie/SG347](http://www.itsligo.ie/SG347)

Our programme is the first programme of architecture in the 'Creative West' of Ireland. Situated on the Atlantic edge of Europe, Architecture at IT Sligo aims to encourage students to develop an understanding and sensitivity to societal, historical, contextual, environmental, technological and cultural influences on the practice of design in a local, national, and global context. 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.

### PROGRAMME OVERVIEW:

**Year One:** Studio projects examine 'the personal experience', 'dwelling' and 'place-making'. The fundamentals of critical thinking, the design process and associated design strategies and tools are introduced alongside communication and representational skills. Modules include Architecture Design Studio, Construction and Architectural Technology and Environment.

## BACHELOR OF ARCHITECTURE (HONOURS)

# 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 IT 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 teachers at its core. Our ambition is to impress upon the students their role in contributing to society as a new generation of architects for this area and beyond.

**Year Two:** Studio focuses on reusing, adapting and evolving proposals and clearly articulate materiality, craft, ambience and innovation. Modules include Context and Theory.

**Year Three:** Examines a wider range of building types and spaces with more complex social, cultural and technological contexts and their impact on the wider community. Architectural form is examined in urban, suburban, rural and coastal contexts. Modules include Interdisciplinary Practice and Professional Studies.

**Year Four:** Develops the skills required to participate confidently within a design team and develop research skills to enrich their design choices for complex buildings. Modules include Design Studio and Thesis Development.

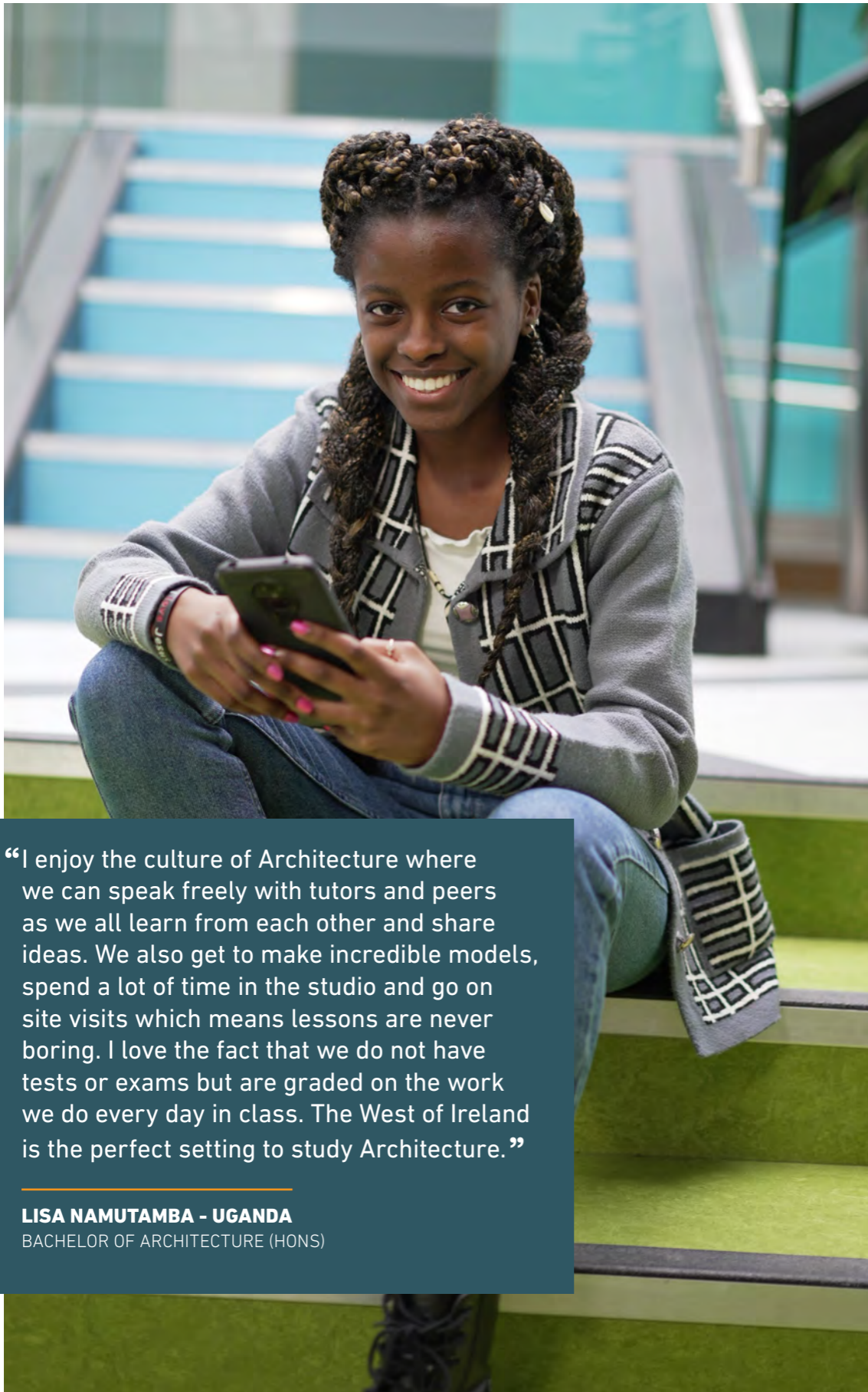
**Year Five:** Provides the opportunity for students to explore a particular chosen aspect of architecture in-depth drawing from the vision. Modules include BIM and Dissertation.

### SPECIAL FEATURES:

- High contact time with tutors
- Students work in dedicated design studio spaces
- An accessible, experiential, self-directed and supported learning experience
- Architecture studio makes up over 50% of the programme for each of the five years
- Multi-disciplinary projects with students from fine art, creative design, structural engineering, quantity surveying and construction project management
- Annual field trips to European design capitals
- Participation in student exhibitions and design competitions

### 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.



“I enjoy the culture of Architecture where we can speak freely with tutors and peers as we all learn from each other and share ideas. We also get to make incredible models, spend a lot of time in the studio and go on site visits which means lessons are never boring. I love the fact that we do not have tests or exams but are graded on the work we do every day in class. The West of Ireland is the perfect setting to study Architecture.”

**LISA NAMUTAMBA - UGANDA**  
BACHELOR OF ARCHITECTURE (HONS)

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG348**  
CAO Points: **331**  
Duration: **4 Years**  
Number of Places: **20**  
Work Placement: **Yes**  
Professional  
Recognition: **Yes**

[www.itsligo.ie/SG348](http://www.itsligo.ie/SG348)

## BACHELOR OF ARTS (HONOURS)

# INTERIOR ARCHITECTURE AND DESIGN

### PROGRAMME DESCRIPTION:

Interior Architecture and Design explores the interaction between people and the spaces they inhabit. Whether it's developing an existing space or creating a new one, interior architects design comfortable homes, functional workspaces and inspirational public spaces that considers 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.

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.

The Interior Architecture and Design degree at IT Sligo provides an internationally recognised level of interior education and training aligned with the European Council of Interior Architects standard and best practice across Europe.

### PROGRAMME OVERVIEW:

**Year One:** Modules introduce students to the fundamentals of Interior Design and its position in the wider context of art, design and architecture.

**Year Two:** Builds upon modules introduced in Year One to advance students' skills. Architecture Technologies, Environment and Advanced Design Elements are new modules introduced around the Studio which remains the primary focus.

**Year Three:** Provides an opportunity for work placement, study abroad through Erasmus programme or engage in studies in another creative discipline or in enterprise training.

**Final Year:** Students complete a year-long Thesis Design Project based on their personal design interests and in conjunction with their Studio design. Professional Studies and Reflective Portfolio modules prepare students for practice.

### SPECIAL FEATURES:

The third year of this course offers students opportunities for work placements, study abroad, training for enterprise, or studies in another creative discipline.

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 in close contact with Tutors in dedicated studio spaces.

Students work on a wide variety of projects including collaborations and community projects.

### CAREER OPPORTUNITIES:

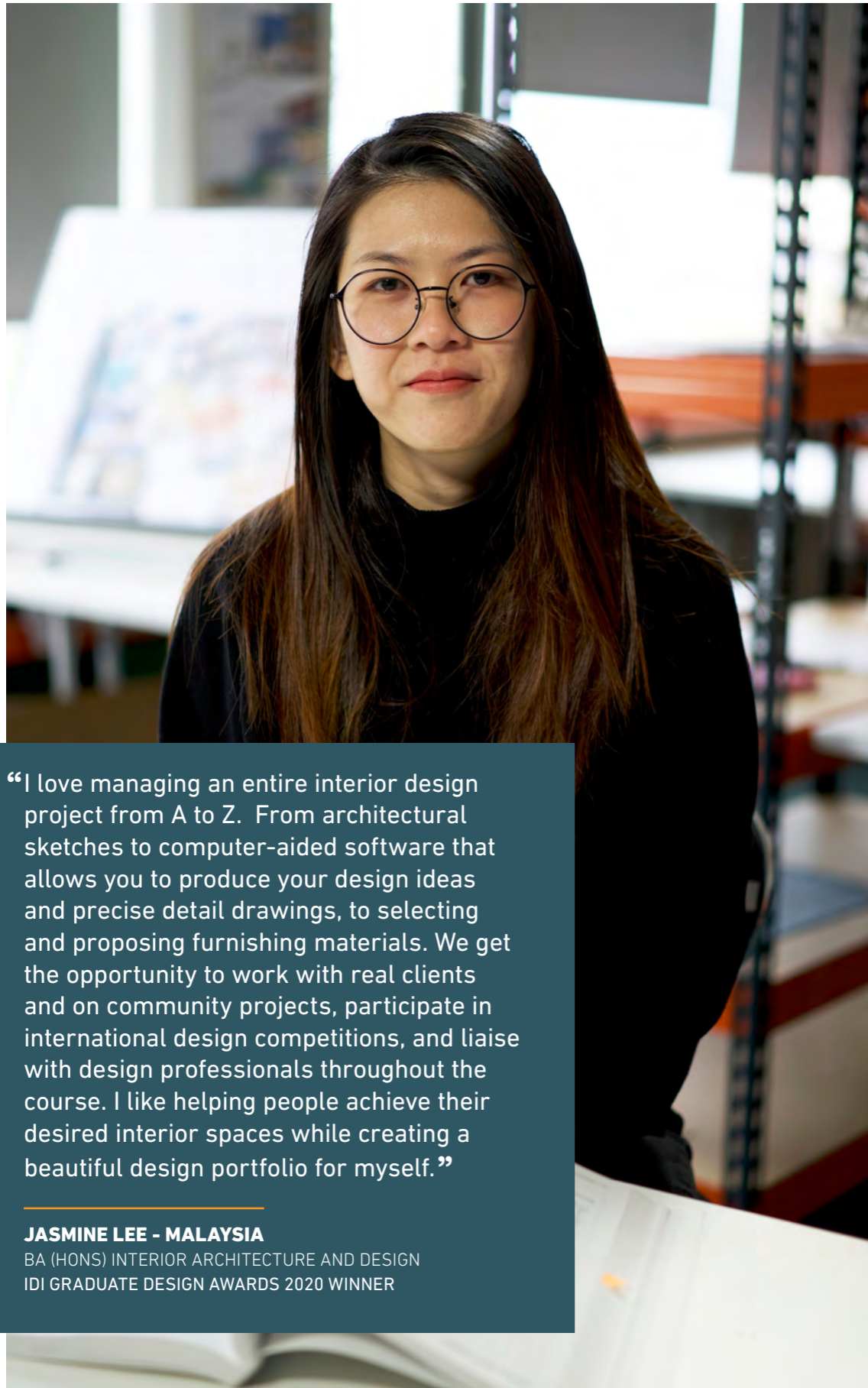
Our graduates are equipped with the skills to work as interior architects, interior designers, retail or exhibition designers or to progress to specialist roles such as lighting designers, set designers or work in associated fields. In addition to working in commercial practice environment, there are opportunities for our graduates in the design sectors in public bodies as well as in education.

### FURTHER STUDY OPPORTUNITIES:

Completion of this Level 8 degree allows entry to a Level 9 Masters in Interior Architecture, through Creative Practice at IT Sligo, as well as serving as a gateway to a wide variety of national and international postgraduate courses.

### PROFESSIONAL RECOGNITION:

IT Sligo's Interior Architecture programmes maintain links to professional bodies such as ECIA (European Council of Interior Architects) and are a member of the IDI (Institute of Designers in Ireland).



“I love managing an entire interior design project from A to Z. From architectural sketches to computer-aided software that allows you to produce your design ideas and precise detail drawings, to selecting and proposing furnishing materials. We get the opportunity to work with real clients and on community projects, participate in international design competitions, and liaise with design professionals throughout the course. I like helping people achieve their desired interior spaces while creating a beautiful design portfolio for myself.”

**JASMINE LEE - MALAYSIA**

BA (HONS) INTERIOR ARCHITECTURE AND DESIGN  
IDI GRADUATE DESIGN AWARDS 2020 WINNER

AskYAADA@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG331**  
CAO Points: **236**  
Duration: **3 Years**  
Number of Places: **20**  
Work Placement: **Yes**  
Professional  
Recognition: **Yes**

[www.itsligo.ie/SG331](http://www.itsligo.ie/SG331)

Design studio is the core element of the programme in each year. Our dynamic studio explores diverse design projects, including residential, hospitality, cultural and exhibition spaces, community projects, conservation, restoration, furniture and lighting design, as well as collaborative projects with students from arts and construction-based professions. Students enjoy one-to-one contact time with tutors in dedicated studio spaces.

**PROGRAMME OVERVIEW:**

**Year One:** Visual Literacy, Visual and Material Culture, Construction and Architectural Technology, Studio Skills, Design Studio, Architectural Context and Theory.

**Year Two:** Students join the first year students from the Level 8 programme and build upon the modules introduced in Year One.

**Year Three:** Emphasis is placed on studio time, supported by modules in Design Fundamentals; Professionalism and Communication; Design Realisation (Materials and Technology), Cultural Studies and Digital Design Representation (including CAD, Sketchup, Photoshop and REVIT).

**BACHELOR OF ARTS**

**INTERIOR ARCHITECTURE AND DESIGN**

**PROGRAMME DESCRIPTION:**

Interior Architecture and Design is a profession that explores new ways to create inspiring interior environments while touching upon other disciplines including furniture design, lighting and exhibition design. This course places the creative response to culture, community and location at the heart of every project.

**SPECIAL FEATURES:**

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.

There are no tests or exams as part of this programme. Students are assessed through design projects and assignments with feedback given as the design and projects progress.

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 OPPORTUNITIES:**

Students can progress onto the BA (Hons) in Interior Architecture and Design at IT Sligo. This can be studied full-time for one year or part time over two years.

Alternatively, Level 7 graduates can apply for advanced progression into national and international Level 8 programmes in Interior Architecture, Interior Design and Spatial Design.

**PROFESSIONAL RECOGNITION:**

IT Sligo's 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).





**BACHELOR OF ARTS (HONOURS)**  
**BACHELOR OF ARTS**

**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 course is designed to offer students a wide experience of materials, media, processes and ideas within a supportive and stimulating environment. The course fosters an awareness of, and responsiveness to, the world around and within students.

Students are be 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 course, 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 also have the opportunity to make collaborative projects with local and national art institutions.

**PROGRAMME OVERVIEW:**

**Year One:** Modules include Visual Literacy, Colour Painting, Printmaking, Visual and Material Culture, Digital Lens-based media and Ceramics and Raku Glazing.

**Year Two:** Students develop their skills in many of the modules introduced in Year One such as Painting and Printmaking as well as undertaking modules in Drawing, Press molding and Slip Casting and Sculpture Studies.

**Year Three:** Students start to elect modules from here and increase their use of individual studio space, learn about the history and theory of art as well as completing the Work-In Context module. This module, though not a placement, offers real-world experience within the arts sector and students often complete this module through Studio residency and curation projects.

**Year Four (Level 8):** Studio practice is emphasised. Students also conduct self-directed research in History Theory as well as practice based Critical Writing.

**SPECIAL FEATURES:**

Each student has individual work space and access to specialised printmaking, ceramics, photography and digital media workshops. All lecturers are practising artists.

**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.

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
CAO Code:  
Level 8: **SG244**  
Level 7: **SG231**  
CAO Points:  
Level 8: **505\***  
Level 7: **449\***  
Duration: **3/4 Years**  
Number of Places: **32**  
Restricted Entry:  
**\*Interview/ Portfolio**  
Erasmus+: **Yes**

L8: [www.itsligo.ie/SG244](http://www.itsligo.ie/SG244)

L7: [www.itsligo.ie/SG231](http://www.itsligo.ie/SG231)

**FURTHER STUDY OPPORTUNITIES:**

Graduates of the Level 7 ordinary degree can progress to the final year of the BA (Hons) in Fine Art.

Graduates of the Level 8 honours degree may progress to an MA in Fine Art or a cognate discipline. Graduates may also progress to a Professional Master of Education (PME) in order to become a post-primary school teacher of Art.

**APPLICATION PROCESS:**

All applicants will be called for interview and a score is given to both the interview (out of 100) and to their academic results for applicants under 23 years old.

For interview applicants must bring a minimum of ten pieces of finished work, along with studies and notebooks that demonstrate the development of their ideas.

**QUICK FACT:**

Leaving Certificate Mathematics is not an entry requirement for this course.



“I love the variety of mediums covered in the degree. 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 small class size gives you more one-to-one time with lecturers too. The trip to Berlin and the opportunity to interact with practicing artists and industry experts were just some of the many highlights.”

**HANNAH MURRAY - CAVAN**  
BA (HONS) FINE ART



“I chose this course because it focused on writing and English as a creative process rather than just an academic subject. It stood out to me as I am more artistically inclined, and this course has given me great confidence in the field. Our lecturers are multi-award winning and published authors. It’s amazing learning from them. Getting to interact with industry experts such as journalists, publishers, screenwriters and agents has been great too.”

**BLAITHÍN RYAN - ROSCOMMON**  
BA (HONS) WRITING & LITERATURE

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code:  
**SG249** On Campus  
**SG254** Online  
CAO Points:  
**SG249: 297**  
**SG254: 225**  
Duration: **3 Years**  
Professional  
Accreditation: **Yes**

On Campus  
**www.itsligo.ie/SG249**  
Online  
**www.itsligo.ie/SG254**

Students will 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.

**PROGRAMME OVERVIEW:**

**Year One:** Students are given a foundation in literature, drama and writing practice, including digital media. The writing and practice modules focus on writing basics and short-form writing.

**Year Two:** Students work on playwriting, screenwriting, poetry and writing for television and explore the major literary and cultural movements of

**BACHELOR OF ARTS (HONOURS)**

**WRITING AND LITERATURE**

**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.

the 20th century and their impact on the development of narrative forms.

**Year Three:** In the final year, students focus on building a significant portfolio of original work undertaken in close consultation with staff mentors. Modules in nonfiction and contemporary Irish writing offer insight into current literary practices. Visits from agents, publishers and editors and practical workshops in teaching/facilitation give students a varied set of skills for professional practice.

**GRADUATE DESTINATIONS:**

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. Graduates may also go on to pursue advanced degrees in English literature, creative writing, journalism, publishing, fine art practice, critical studies, and library science.

**PROFESSIONAL ACCREDITATION:**

This programme is also aligned to Teaching Council requirements for English at second level. Graduates can progress to a Professional Master of Education to teach English at post-primary level.

**SPECIAL FEATURES:**

This programme is also offered fully online, facilitating wider access to this creative degree. All lectures are delivered live online, and students can fully participate in group work and project work by means of innovative online supports.

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.

## BACHELOR OF ARTS (HONOURS)

## 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 Two, 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.

## PROGRAMME OVERVIEW:

**Year One:** Modules include Acting, Theatre Design, Voice and Movement, Culture, Performance and Representation, Digital Media, Performance Analysis and Directing. This gives students an overview of all areas of the performing arts.

**Year Two:** Students choose either Acting or Theatre Design and specialise for the remaining three years. Modules common to both strands include Culture, Performance and Representation, Technical Theatre, Production Arts and Directing.

**Year Three:** Students continue studying either Acting or Theatre Design, examining performance in cultural, historical and representational contexts. Students also complete a project, which may take the form of creative writing, a fully produced film or theatre project, or a work placement.

**Year Four:** The focus is on professional practice. Students interact with leading practitioners from the industry who discuss their work and offer

specialist advice. Graduation projects, in collaboration with a professional director, are presented in the Abbey Theatre, and at professional spaces in Dublin, Sligo and Belfast.

## SPECIAL FEATURES:

A third-year 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. Locations have been across Europe and the United States, including with companies such as CBC Television.

Our Theatre Design and Acting programmes have special links with institutions in Slovakia and Hungary. Go to pages 128 and 129 to find out more.

## GRADUATE DESTINATIONS:

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

AskYAADA@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG241**  
 CAO Points: **328**  
 Duration: **4 Years**  
 Number of Places: **32**  
 Work Placement: **Yes**

[www.itsligo.ie/SG241](http://www.itsligo.ie/SG241)

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.

## FURTHER STUDY OPPORTUNITIES:

Graduates can progress to the Level 9 Master of Arts in Creative Practice at IT Sligo. 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.



“The lecturers with their support and inspiration are amazing. In first year, we studied both acting and design. This gave me the opportunity to figure out what I was passionate about. I originally wanted to study acting but discovered my love for design. I learnt a lot about teamwork during my studies and built a lot of confidence in my design process ideas. Since graduating I have worked on shows such as Orange is the New Black, The Queens Gambit and on Broadway productions.”

**DARREN MC GRANAGHAN - DONEGAL**  
 BA (HONS) PERFORMING ARTS

## BACHELOR OF ARTS

PERFORMING ARTS  
(ACTING)

## PROGRAMME DESCRIPTION:

This course 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.

Students work closely with industry professionals and developing stars. Theory modules teach students how to intellectually engage with the text and become an informed actor. The combination of both practical and theory ensures graduates have all the skills for an exciting future in this thriving industry.

PROGRAMME  
OVERVIEW:

**Year One:** Students are introduced to the collaborative disciplines essential to making theatre and performance, including acting, theatre design, directing and performance/ cultural studies.

**Year Two:** Students focus on a variety of acting skills taught through Chekhov technique and assessed through performance. They are exposed to a range of dramatic genres, acting styles and plays, from the classics through to modern and contemporary works. Cultural/performance studies introduce students to a variety of visual, literary and critical faculties. Plays, film, productions and live performance are considered from practical and academic contexts.

**Year Three:** The focus shifts to considering the relationship between the actor and the audience. Skills development continues with acting to camera, voice, movement and technical training. Two fully realised productions are staged using the full resources of the programme. Students also engage in a variety of performance contexts outside of IT Sligo in cultural/performance studies. Students explore postmodernism, gender theory, post-dramatic performance and postcolonialism.

GRADUATE  
DESTINATIONS:

There is a strong demand for qualified practitioners in the theatre and film 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.

AskYAADA@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG236**  
CAO Points: **235**  
Duration: **3 Years**  
Number of Places: **24**

[www.itsligo.ie/SG236](http://www.itsligo.ie/SG236)FURTHER STUDY  
OPPORTUNITIES:

Graduates may progress to the final year of our Level 8 BA (Hons) in Performing Arts after which they can pursue a range of Masters and PhD options, including the MA in Creative Practice at IT Sligo.

## SPECIAL FEATURES:

The programme has partnered with Debrecen University in Hungary where our acting students go for two weeks of masterclasses in voice, movement and acting.

## 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.

AskYAADA@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG235**  
CAO Points: **319**  
Duration: **3 Years**  
Number of Places: **15**

[www.itsligo.ie/SG235](http://www.itsligo.ie/SG235)

Students develop skills in spatial awareness, visual research, text and character analysis, model-making, costume design, technical drawing and performance design.

Coursework takes full advantage of the Institute's close ties with Sligo's arts community, including the Blue Raincoat Theatre Company, Model Arts Centre and the Hawk's Well Theatre.

Our unique partnership with the Abbey Theatre in Dublin introduces core skills in all forms of stagecraft, including directing, lighting design and digital projection.

PROGRAMME  
OVERVIEW:

**Year One:** Students are introduced to the collaborative disciplines essential to making theatre and performance such as acting, theatre design, directing and performance/ cultural studies.

**Year Two:** Students engage in set, costume and lighting design as a foundation for all industry design practices for stage, screen and TV. Cultural/performance studies introduce students to a variety

## BACHELOR OF ARTS

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. With design skills classes, masterclasses from industry professionals, workshops and performances in our Black Box Theatre, this course equips students for a career as a designer in theatre, film or television. Specific disciplines include film, TV, dance, performance art and music video.

of visual, literary and critical faculties from a range of cultural and historical backgrounds. Plays, film, productions and live performance are considered from practical and academic contexts.

**Year Three:** Students focus on a complete design realization in 3D scale, with costume designs and technical drawings (CAD) in collaboration with industry professionals. Students critically engage in theoretical and practical learning across a range of areas including postmodernism, gender theory, post-dramatic performance and post-colonialism.

## SPECIAL FEATURES:

Students can apply for a six-month Yeats Design Residency at the Abbey Theatre in Dublin.

This programme is linked with the Academy of Performing Arts in Bratislava, Slovakia where our students spend one week, intensively studying set, lighting and costume. Guest lecturers, well known in industry, visit and share their expertise.

GRADUATE  
DESTINATIONS:

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  
OPPORTUNITIES:

Graduates may progress to the final year of our Level 8 BA (Hons) in Performing Arts after which they can pursue a range of Masters and PhD options, such as the MA in Creative Practice at IT Sligo.

NEW CREATIVE  
TEACHING HUB:

A new creative teaching hub at IT Sligo will include state-of-the-art performance facilities including two large black box theatres/ studios, production design studios, costume design studios, computer aided design and fabrication studios and dance/ rehearsal spaces.

A photograph of two scientists, a woman with red hair and a man, both wearing white lab coats and safety glasses, working in a laboratory. They are looking at something on a table, possibly a piece of equipment or a sample. The background shows typical lab equipment and a clean, bright environment.

**WELCOME TO THE**

# **FACULTY OF SCIENCE**

## **WITHIN THIS FACULTY WE HAVE THREE DEPARTMENTS**

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**DEPARTMENT OF ENVIRONMENTAL  
SCIENCE** **136**

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**DEPARTMENT OF LIFE SCIENCES** **140**

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**DEPARTMENT OF HEALTH AND  
NUTRITIONAL SCIENCES** **147**

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## **Why Science?**

Are you interested in understanding more about the world around us and have an impact on improving mankind? If so, science could be for you. Science programmes are practical based involving a wide range of laboratory experiments and field work using specialist equipment backed up with science theory, research and innovation.

# WHY IT SLIGO?

With over 1,100 students across our science programmes, our Faculty of Science is one of the largest science schools outside Dublin and the central hub for innovation at the college. We provide cutting-edge technologies, state-of-the-art laboratories, and work closely within industry to bring the latest research and developments into our programmes.

## CAREER READY

We focus on hands-on skills, work experience and competencies that employers are seeking so that our graduates are career-ready on their first day at work. We offer an excellent learning environment in our recently refurbished science building with field trips, site visits and interactive modules.

## LATEST CONTENT

Each course has been carefully designed and regularly updated to ensure that our students meet the highest level of academic standards and training sought by employers on both a national and international scale.

## OPPORTUNITY TO SUCCEED

We keep our class numbers to a minimum, this ensures students have the opportunity to engage with their lecturer and fellow classmates and are supported throughout their learning. We offer a wide range of programmes from Level 6 Higher Certificate awards to Level 10 PhD doctorate awards. Many of our programmes provide professional accreditations and progression routes into professional careers.

# PROGRAMME PROGRESSION ROUTES

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9&10
<b>GENERAL SCIENCE</b>					
SG444	LEVEL 8	BSC (HONS) GENERAL SCIENCE (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » ENVIRONMENTAL SCIENCE WITH ECOLOGY » OCCUPATIONAL SAFETY & HEALTH » BIOMEDICAL SCIENCE » PHARMACEUTICAL SCIENCE WITH DRUG DEVELOPMENT		LEVEL 9 TAUGHT MASTERS AND MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG401	LEVEL 6	HIGHER CERTIFICATE GENERAL SCIENCE (COMMON ENTRY)	YEAR 2 - CHOOSE STREAM » ENV. SCIENCE WITH ECOLOGY » OCCUPATIONAL SAFETY&HEALTH » BIOMEDICAL SCIENCE » PHARMACEUTICAL SCIENCE WITH DRUG DVLPMT	ADD ON OPTION PROGRESS TO LEVEL 7 IN CHOSEN STREAM  ADD ON OPTION PROGRESS TO LEVEL 8 IN CHOSEN STREAM	

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9&10
<b>ENVIRONMENTAL SCIENCES</b>					
SG450	LEVEL 8	BSC (HONS) ENVIRONMENTAL SCIENCE WITH ECOLOGY		ADD ON OPTION PROGRESS TO YEAR 4 LEVEL 8	LEVEL 9 TAUGHT MASTERS AND MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG439	LEVEL 7	BSC ENVIRONMENTAL SCIENCE WITH ECOLOGY			
SG404	LEVEL 6	HIGHER CERTIFICATE ENVIRONMENTAL SCIENCE WITH ECOLOGY	ADD ON OPTION PROGRESS TO YEAR 3 LEVEL 7	ADD ON OPTION PROGRESS TO YEAR 4 LEVEL 8	
SG442	LEVEL 8	BSC (HONS) OCCUPATIONAL SAFETY AND HEALTH		ADD ON OPTION PROGRESS TO YEAR 4 LEVEL 8	
SG433	LEVEL 7	BSC OCCUPATIONAL SAFETY AND HEALTH			

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9&10
<b>LIFE SCIENCES</b>					
SG449	LEVEL 8	BSC (HONS) MEDICAL BIOTECHNOLOGY		ADD ON OPTION MEDICAL BIOTECHNOLOGY LEVEL 8	LEVEL 9 TAUGHT MASTERS AND MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG436	LEVEL 7	BSC BIOMEDICAL SCIENCE			
SG445	LEVEL 8	BSC (HONS) PHARMACEUTICAL SCIENCE WITH DRUG DEVELOPMENT		ADD ON OPTION PROGRESS TO LEVEL 8	
SG431	LEVEL 7	BSC PHARMACEUTICAL SCIENCE WITH DRUG DEVELOPMENT			
SG448	LEVEL 8	BSC (HONS) FORENSIC INVESTIGATION AND ANALYSIS		ADD ON OPTION PROGRESS TO LEVEL 8	
SG437	LEVEL 7	BSC FORENSIC INVESTIGATION AND ANALYSIS			

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	POSTGRAD LEVEL 9&10
<b>HEALTH AND NUTRITIONAL SCIENCES</b>					
SG530	LEVEL 7	BSC HEALTH AND MEDICAL INFORMATION SCIENCE (ONLINE)		ADD ON OPTION PROGRESS TO YEAR 4 LEVEL 8	LEVEL 9 TAUGHT MASTERS AND MASTERS BY RESEARCH OR LEVEL 10 PHD OPTIONS AVAILABLE
SG447	LEVEL 8	BSC (HONS) HEALTH SCIENCE AND PHYSICAL ACTIVITY		ADD ON OPTION HEALTH SCIENCE & PHYSICAL ACTIVITY LEVEL 8 OR PUBLIC HEALTH & HEALTH PROMOTION LEVEL 8	
SG435	LEVEL 7	BSC HEALTH SCIENCE AND PHYSIOLOGY			
SG406	LEVEL 6	HIGHER CERTIFICATE HEALTH AND EXERCISE SCIENCE	ADD ON OPTION HEALTH SCIENCE AND PHYSIOLOGY LEVEL 7	ADD ON OPTION HEALTH SCIENCE & PHYSICAL ACTIVITY LEVEL 8 OR PUBLIC HEALTH & HEALTH PROMOTION LEVEL 8	
SG443	LEVEL 8	BSC (HONS) HUMAN NUTRITION		ADD ON OPTION PROGRESS TO YEAR 4 LEVEL 8	
SG434	LEVEL 7	BSC HUMAN NUTRITION			

**BACHELOR OF SCIENCE (HONOURS)****SCIENCE  
(GENERAL ENTRY)****PROGRAMME DESCRIPTION:**

This is an undenominated general science degree that gives students an exceptional level of flexibility. The programme builds a core foundation in key science disciplines in the first year of study. This is a good choice for students who know they want to study science but are unsure about their key area at the time of application. Students are given advice during the year to guide them and get to try out elective science subjects in year one before selecting a specialised honours degree at the end of that year.

Students do not need to have studied science for their leaving certificate to gain entry on this course because it covers all key science disciplines from the start.

Students follow one of four designated honours degree pathways in Years Two, Three and Four. These pathways are in

1. Environmental Science with Ecology,
2. Occupational Safety and Health,
3. Biomedical Science and Medical Biotechnology
4. Pharmaceutical science with Drug Development.

Our students enjoy excellent hands-on laboratory experiments in our new purpose-built science building to help put the theory into practice.

**PROGRAMME OVERVIEW:**

**Year One:** Subjects studied in year one include core science modules in Biology, Chemistry, Physics, Mathematics, IT and Learning to Learn. Students also select from a range of elective modules relating to the future pathways.

**Years Two, Three and Four:**

In year two, student join their chosen programme and continue their studies with that degree from there.

Each pathway focuses on hands-on skills, work experience and competencies that employers are seeking so that our graduates are career-ready on their first day at work.

Many of our programmes also provide professional accreditations and progression routes into professional careers.

The course particularly encourages critical thinking skills in students and this aspect of the education ensures ongoing professional career and lifelong learning development. The skills learned will equip graduates for a diverse range of key environmental, health and safety, medical, biotechnology or pharmaceutical roles in industry, local authorities, public sector agencies, or in research and development.

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
CAO Code: **SG444**  
CAO Points: **338**  
Class size: **24**  
Duration: **4 Years**  
Work Placement: **Yes**  
Professional  
Accreditation: **Yes**

[www.itsligo.ie/SG444](http://www.itsligo.ie/SG444)**COMMON ENTRY:**

Students enjoy the flexibility to choose their specialty after one year with a common entry course. It allows students to discover the many aspects of science to identify the best fit for them.

**FURTHER STUDY OPPORTUNITIES:**

Graduates may apply for postgraduate study in taught Masters programmes as well as Doctoral PhD research programmes. There are also a wide range of IT Sligo online programmes at Masters level to suit graduates in the workplace.

**GRADUATE OPPORTUNITIES:**

Graduates work as scientists in a wide range of environmental and occupational safety and health careers, in pharmaceuticals, biopharmaceuticals, medical devices, medical diagnostics, the food and beverage sector and in biotechnology industries. Graduates also work with local authorities and public agencies as analysts in a broad range of roles.

AskScience@itsligo.ie

Award:  
**Higher Certificate (Level 6)**  
CAO Code: **SG401**  
CAO Points: **209**  
Duration: **2 Years**

[www.itsligo.ie/SG401](http://www.itsligo.ie/SG401)

This two-year course is designed as a foundation course in science and builds key skill sets in analytical science and help identify a student's interests.

The course provides students with a core foundation in applied science with an emphasis on hands-on practical laboratory science.

Students follow one of four designated honours degree pathways in Years Two, Three and Four. These pathways are in

1. Environmental Science with Ecology
2. Occupational Safety and Health
3. Biomedical Science and Medical Biotechnology
4. Pharmaceutical science with Drug Development

**PROGRAMME OVERVIEW:**

**Year One:** The subjects studied in Year One include core Science modules in Biology, Chemistry, Physics, Mathematics, Information Technology and Learning to Learn.

**HIGHER CERTIFICATE OF SCIENCE****SCIENCE  
(GENERAL ENTRY)****PROGRAMME DESCRIPTION:**

This is a good choice for the student who wishes to study science but is unsure about their key area at the time of application. The programme is focused on developing students' knowledge, skills and competence in core areas of science, while providing the flexibility to specialise into their selected programme at the end of year one.

There are elective choices in Year One which allow students to experience the different science programmes available in our Faculty of Science.

**Year Two:** In the second year of the course, students transfer to one of four programmes mentioned above and gain a Higher Certificate, from which they can continue to a Level 7 and Level 8 degree.

**QUICK FACT:**

Leaving Certificate science subjects are not an entry requirement for this course. The first year of study will cover all key science disciplines from the start.

**FURTHER STUDY OPPORTUNITIES:**

Graduates from the Level 6 Higher Certificate may progress to Year Three of an Ordinary Degree (Level 7) and subsequently onto an Honours Degree (Level 8) course in Environmental Science, Occupational Safety and Health, Pharmaceutical Science with Drug Development or Medical Biotechnology at IT Sligo.

That means this is a four-year route to an honours degree, the exact same length as applying direct to a Level 8, only this route will provide additional flexibility to students to leave with a qualification earlier.

Level 8 graduates may continue to Level 9 postgraduate study in taught or research Masters programmes as well as Level 10 Doctoral PhD programme.

There are also a wide range of IT Sligo online programmes at Masters level to suit graduates in the workplace.

**GRADUATE DESTINATIONS:**

Graduates work as technical scientists in the environmental, occupational safety and health, pharmaceutical, biopharmaceutical, medical device, medical diagnostic, food and beverage and biotechnology sectors. Graduates also work with local authorities and public agencies as analysts in a broad range of roles.

**BACHELOR OF SCIENCE (HONOURS)**  
**BACHELOR OF SCIENCE**  
**HIGHER CERTIFICATE OF SCIENCE**

## 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. Environmental Science with Ecology equips students with the learning to manage our man-made and natural resources. With a mix of outdoor field work, high tech laboratory experiments, computer mapping, site visits and classroom activities, students gain a range of skills to thrive in industry.

### PROGRAMME OVERVIEW:

**Year One:** Students immediately spend three days on field trips to explore the natural environment, and to build friendships in the class. Students develop core competencies in Maths, Biology, Chemistry, IT and Communications.

**Year Two:** Techniques in Ecology and Environmental Science; Aquatic Ecology and Water Quality-Source to Tap; Climate Science and Environmental Regulation; Terrestrial Ecology; GIS; Soils; Environmental Microbiological monitoring; Wastewater Enquiry Based Learning

**Year Three (Level 7 & 8):** Data Management; Occupational Safety and Health (essential for work-placement the following semester); Ecological monitoring; Environmental Toxicity; Water and Wastewater Treatment Theory; Work placement and a chance to study online modules from Waste Management, Environmental Impact Assessment and Planning to Energy and Sustainability.

**Year Four (Level 8):** A mix of compulsory and elective

modules from Advanced GIS, Environmental Legislation and Policy, Environmental systems and Auditing, and Biomolecular Technologies; Natural Resource Management; Cleaner Production; Conservation Issues; The final year project may be practical or desktop research.

### SPECIAL FEATURES:

This is a hands-on programme, students get to perform practical work in the field and in the lab. We use state-of-the-art equipment, e.g drones, computer apps and biomolecular tools during the four years.

### FURTHER STUDY OPPORTUNITIES:

Graduates of the Level 6 can progress to the Level 7 in Environmental Science with Ecology or transfer to similar Level 7 Programmes. Graduates of the Level 7 can progress to the Level 8 in Environmental Science with Ecology.

Graduates of the Level 8 can progress to a range of Level 9 Postgraduate diplomas and/or taught Masters in Environmental Health and Safety, Water Services Management or an applied

AskScience@itsligo.ie

Award:

**Honours Degree (Level 8)**

**Ordinary Degree (Level 7)**

**Higher Certificate (Level 6)**

CAO Code: Level 8: **SG450**

Level 7: **SG439**

Level 6: **SG404**

CAO Points: Level 8: **304**

Level 7: **254**, Level 6: **358**

Duration: **2/3/4 Years**

Number of places: **32**

Work Placement: **Yes**

Erasmus+ : **Yes**

Professional

Accreditation: **Yes**

L8: [www.itsligo.ie/SG450](http://www.itsligo.ie/SG450)

L7: [www.itsligo.ie/SG439](http://www.itsligo.ie/SG439)

L6: [www.itsligo.ie/SG404](http://www.itsligo.ie/SG404)

Research masters or PhD in the Centre for Environmental Research Innovation and Sustainability (CERIS) in the science faculty.

### GRADUATE DESTINATIONS:

Graduates work across multiple industries; environmental and ecological consultancies, local authorities, or state agencies e.g. EPA Inland Fisheries Ireland and Irish Water. 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, Environmental Protection Officers.

### PROFESSIONAL ACCREDITATION:

Students become student members of Chartered Institution of Water and Environmental Management (CIWEM). Our students can also join the Environmental Sciences Association of Ireland. There are no costs associated with these undergraduate memberships.

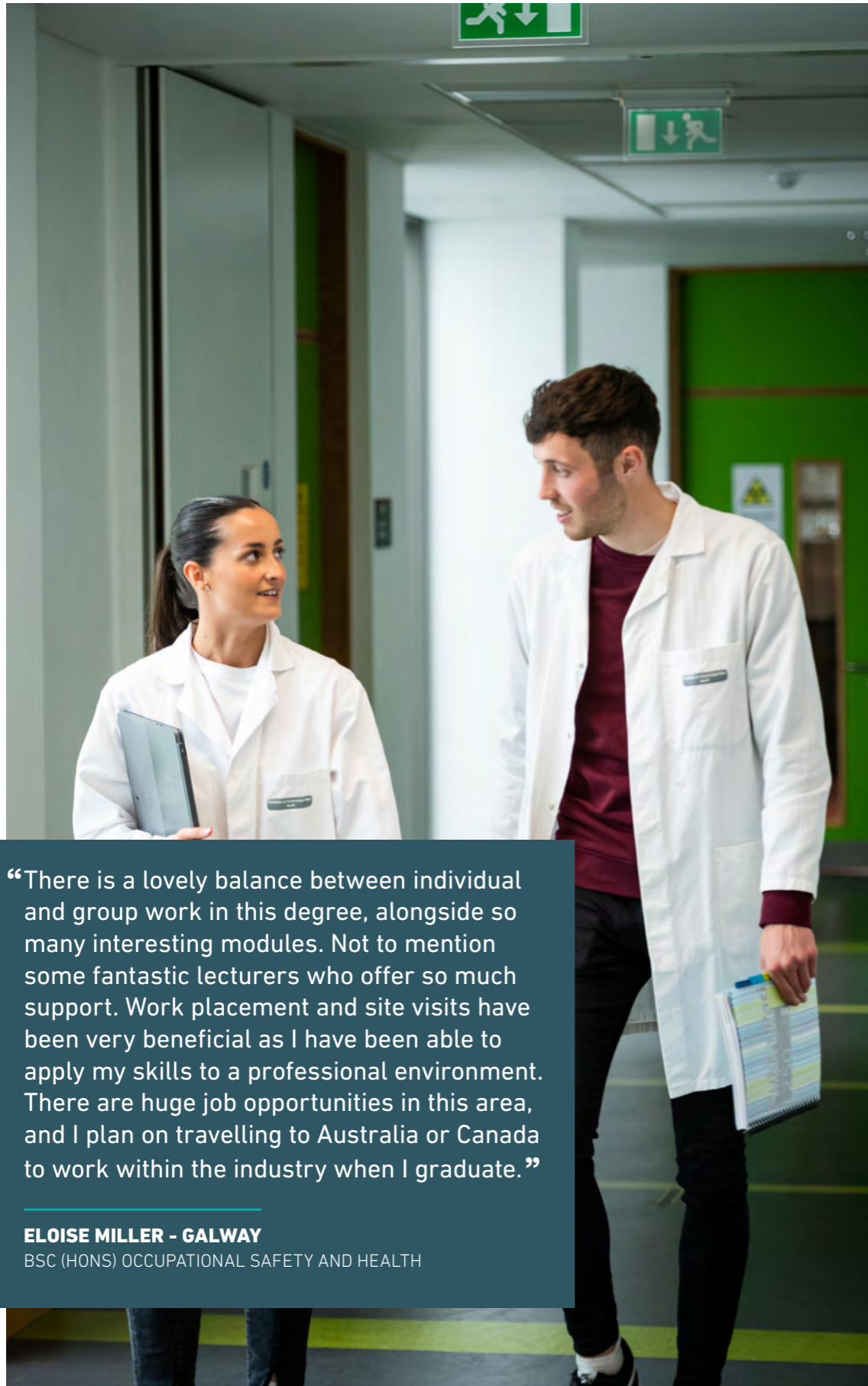


“Environmental issues and sustainability are of huge interest to me. This degree gives me a deep understanding of these topics. I like how the modules we study interlink with each other and that a lot of course time is dedicated to practical learning and fieldwork. The lecturers have a wealth of knowledge and have worked in various professional environments. They give examples of how certain theories are applied in the real world.”

**SHANE REDMOND - DUBLIN**

BSC (HONS) ENVIRONMENTAL SCIENCE WITH ECOLOGY





“There is a lovely balance between individual and group work in this degree, alongside so many interesting modules. Not to mention some fantastic lecturers who offer so much support. Work placement and site visits have been very beneficial as I have been able to apply my skills to a professional environment. There are huge job opportunities in this area, and I plan on travelling to Australia or Canada to work within the industry when I graduate.”

**ELOISE MILLER - GALWAY**

BSC (HONS) OCCUPATIONAL SAFETY AND HEALTH

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
 CAO Code:  
 Level 8: **SG442**  
 Level 7: **SG433**  
 CAO Points:  
 Level 8: **290**  
 Level 7: **223**  
 Class size: **24**  
 Duration: **3/4 Years**  
 Work Placement: **Yes**  
 Professional  
 Accreditation: **Yes**

L8: [www.itsligo.ie/SG442](http://www.itsligo.ie/SG442)  
 L7: [www.itsligo.ie/SG433](http://www.itsligo.ie/SG433)

### PROGRAMME OVERVIEW:

**Year One:** Students study the biological and chemical sciences which underpin Occupational Safety and Health and develop a range of communication and IT skills.

**Year Two:** Students study important safety and environmental topics, including Safety Law, Manual Handling Instruction Training, Construction Technology, Occupational Safety and Health, Biological Health Hazards and Environmental Water Quality.

**Year Three:** In third year, there is a focus on applying the knowledge and skills students have developed on the programme in Years One and Two. Modules include Construction Safety and Contractor Management, Management of Hazardous Materials, Occupational Hygiene, Occupational Health and Health Promotion, Safety and Health Legislation and Environmental Topics.

**Year Four (Level 8):** Students complete a five-month work placement in safety and health.

**BACHELOR OF SCIENCE (HONOURS)**  
**BACHELOR OF SCIENCE**

## 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 law and work in groups to solve workplace safety issues. Students will also learn how to prepare, implement and monitor safety management systems in the workplace.

Modules include Project Management, Ergonomics, Behavioural Based Safety Programmes, Management of Workplace Health and Wellbeing, Environmental Health and Safety Management System Project.

### SPECIAL FEATURES:

Final year honours students complete a five-month work placement.

### GRADUATE DESTINATIONS:

Graduates work as safety advisors, health and safety officers, safety training consultants, site safety officers and safety coordinators in 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.

Level 7 graduates may progress to the one-year, add-on BSc (Hons) in Occupational Safety and Health at IT Sligo. There are also a wide range of IT Sligo online programmes at Level 8 to suit graduates in the workplace. Level 8 graduates may progress to the two-year online Masters

in Environmental Health and Safety at IT Sligo or MSc or PhD awards at IT Sligo or other higher education Institutions.

### GRADUATE STORY:

“The confidence I got from the Enquiry Based Learning module stood to me in the workplace. It gave me the ability to stand in front of 100 employees to give training, or to chair meetings, or present a pitch to senior management. This would not have been possible without the weekly presentations from first to fourth year.”

**Caroline Cavanagh,**  
 BSc Occupational Health and Safety  
 Health and Safety Manager,  
 Dawn Meats,

### PROFESSIONAL ACCREDITATION:



**BACHELOR OF SCIENCE (HONOURS)  
BACHELOR OF SCIENCE**

# 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.

This is an applied multidisciplinary programme, allowing 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.

## PROGRAMME OVERVIEW:

**Year One:** First year focuses on building a foundation in core science subjects, acknowledging many students who may not have studied Chemistry, Physics or Biology at Leaving Certificate level.

**Year Two:** In second year, the core sciences are developed, building on the foundation laid down in first year. The emphasis is on applying the knowledge gained in the first two years to the needs of the pharmaceutical sector.

**Year Three:** Our level 8 programme includes a work placement option to give students the opportunity to refine their skills.

**Year Four (Level 8):** Students study modules at an advanced level. A final year project allows application of the knowledge and skills gained throughout the programme, further enhancing scientific and transferable skills.

## GRADUATE DESTINATIONS:

Graduates work in a diverse range of roles in the pharmaceutical, biopharmaceutical, biomedical, and medical device sectors in areas including legislation/regulatory affairs, formulation, analysis, validation, production, and quality systems.

Level 7 graduates may progress on to the fourth year of the BSc (Hons) in Pharmaceutical Science with Drug Development at IT Sligo. Level 8 graduates may progress to Masters Degree or PhD programmes across a range of disciplines.

With a focus on employability there are a wide variety of progression and career opportunities open to graduates of our suite of pharmaceutical/biopharmaceutical programmes, where graduates can also progress to the pharmacy degree programme in the Royal College of Surgeons in Ireland (RCSI).

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (level 7)**  
CAO Code:  
Level 8: **SG445**  
Level 7: **SG431**  
CAO Points:  
Level 8: **311**  
Level 7: **269**  
Duration: **3/4 Years**  
Class size:  
Work Placement: **Yes**  
Erasmus+: **Yes**

L8: [www.itsligo.ie/SG445](http://www.itsligo.ie/SG445)  
L7: [www.itsligo.ie/SG431](http://www.itsligo.ie/SG431)

## SPECIAL FEATURES:

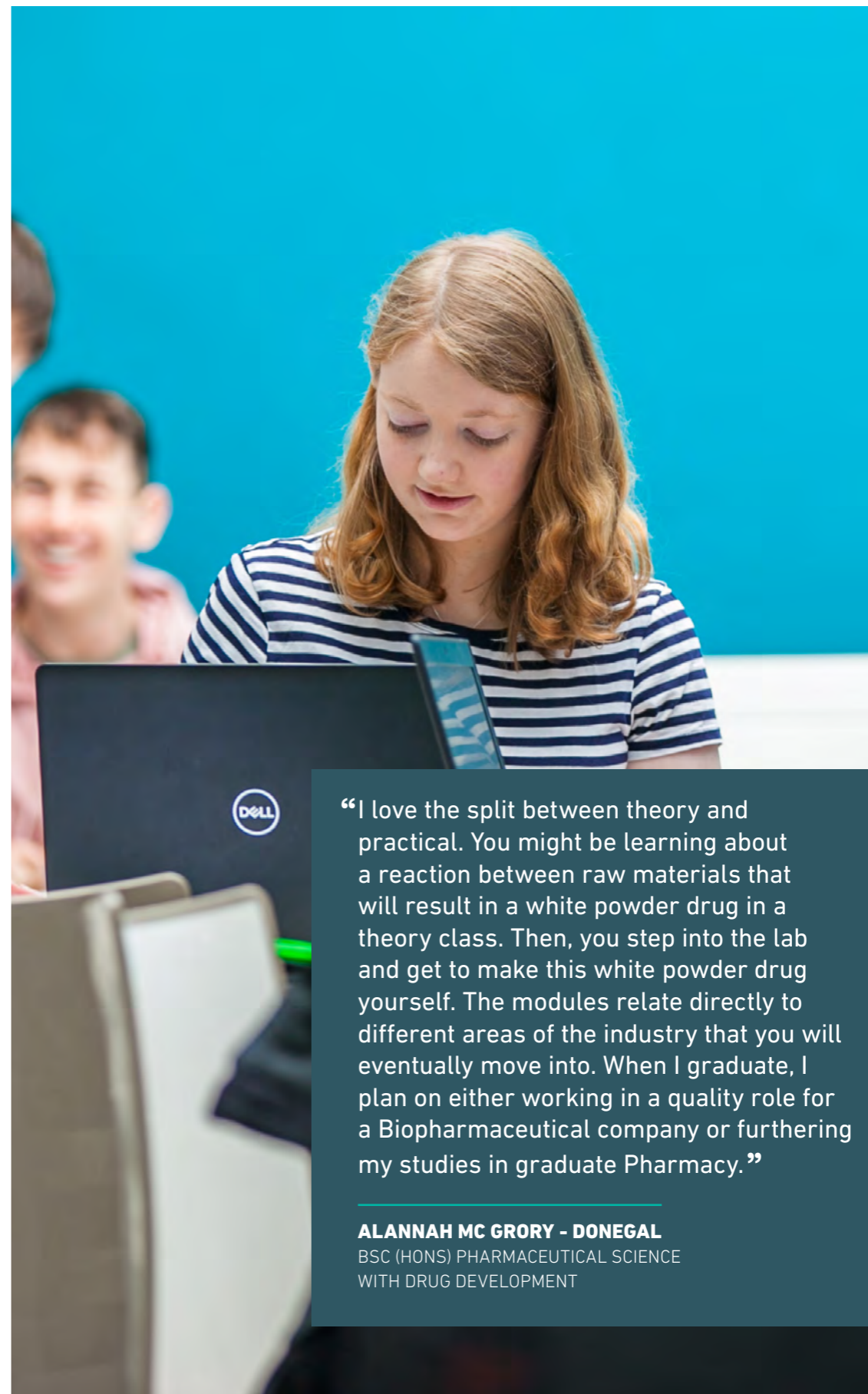
Students get the opportunity to apply for an Abbott Excellence & Science Award where students can get an internship and valuable work experience with one of the many leading pharmaceutical companies in our region.

Level 8 students get the benefit of a work placement in Year Three where they get to apply skills learned on industry spec equipment from IT Sligo to world-leading industries across Ireland and abroad.

## GRADUATE STORY:

**“The course content, practical labs and work experience was a huge benefit to my success.”**

**Amy Flynn,**  
BSc (Hons) Pharmaceutical Science with Drug Development,  
TopChem Pharmaceuticals



**“I love the split between theory and practical. You might be learning about a reaction between raw materials that will result in a white powder drug in a theory class. Then, you step into the lab and get to make this white powder drug yourself. The modules relate directly to different areas of the industry that you will eventually move into. When I graduate, I plan on either working in a quality role for a Biopharmaceutical company or furthering my studies in graduate Pharmacy.”**

**ALANNAH MC GRORY - DONEGAL**  
BSC (HONS) PHARMACEUTICAL SCIENCE  
WITH DRUG DEVELOPMENT



“I love the forensic element of my studies. In first year, we went to a shooting range and carried out tests for gunshot residue. This year we took part in a mock crime scene scenario and had to analyse, collect relative evidence and investigate what happened. We worked with members of the Garda Bureau of Criminal Investigation. The science behind it all is so interesting too. When we get to the lab, we can see how the theory we learnt in class is applied in real life.”

**ELAINE NÍ NIAIDH - GALWAY**

BSC (HONS) FORENSIC INVESTIGATION AND ANALYSIS

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
 CAO Code:  
 Level 8: **SG448**  
 Level 7: **SG437**  
 CAO Points:  
 Level 8: **307**  
 Level 7: **243**  
 Duration: **3/4 Years**  
 Class size: **25**  
 Work placement: **Yes**  
 Professional  
 Accreditation: **Yes**

L8: [www.itsligo.ie/SG448](http://www.itsligo.ie/SG448)

L7: [www.itsligo.ie/SG437](http://www.itsligo.ie/SG437)

Students learn both forensic and analytical science through a range of biology and chemistry modules. A major focus of the programme is the development of excellent practical analytical science skills which are in great 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; projects involving information technology and advanced scientific instrumentation.

### PROGRAMME OVERVIEW:

**Year One:** Students are provided with a solid foundation in Biology, Chemistry, Physics and Mathematics, as well as introductory modules in Information Technologies, Criminal Justice and Forensic Science.

**BACHELOR OF SCIENCE (HONOURS)**  
**BACHELOR OF SCIENCE**

## 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.

**Year Two and Three:** First year modules are studied more in-depth as the programme progresses with added subjects such as Crime Scene Investigation and Instrumentation used for Forensic Analysis, Genetics, Molecular Biology, Statistics and Quality Assurance.

**Year Four (Level 8):** This final year focuses on high-level investigative, observational, evidence interpretation, research and crime scene management skills. Students will complete their work experience and forensic-based research project in this year.

### GRADUATE DESTINATIONS:

Graduates can continue to Level 9 or Level 10 Postgraduate studies. They can also choose to study a Professional Masters in Education (PME) to become a secondary school teacher.

Graduates leave this analytical programme in high demand with large companies such as Abbott Laboratories, Abbvie, Coca-Cola, and Allergan offering employment and internship opportunities.

### GRADUATE STORY:

“I work as a chemist in the field of forensic toxicology. I am responsible for testing human tissue and bodily samples from post-mortem cases. The human toxicology section provides an analytical and advisory service to the coroner’s office in establishing cause of death in state and criminal cases.”

**Vicky Mac Eoin,**  
 BSc (Hons) Forensic Investigation and Analysis, Human Toxicology Chemist, The State Laboratory

### PROFESSIONAL ACCREDITATION:

This programme is accredited by the Chartered Society of Forensic Sciences. It is also aligned to the Teaching Council guidelines for secondary school teaching of science & chemistry.



The Chartered Society of Forensic Sciences

## BACHELOR OF SCIENCE (HONOURS)

## MEDICAL BIOTECHNOLOGY

## PROGRAMME DESCRIPTION:

The world is realising the true benefits of continuous investment in new medical technologies, from how diseases are diagnosed in hospital labs to how a vaccine is developed. Medical Biotechnology is a revolutionary industry incorporating biomedical science with access to the latest industry advancements. There are endless possibilities within the biotechnology and bio-pharmaceutical sector for our graduates.

This honours degree 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.

Innovative teaching methods are used at IT Sligo including the incorporation of Universal Design Learning to facilitate all types of learners. There is a strong focus on industry with industrial workshops and guest speakers from target industries, a central component to the course.

We also recognise the importance of transferrable skills such as data presentation, information sourcing, and scientific technical writing which allow students to broaden their knowledge, skill base and employment possibilities.

## PROGRAMME OVERVIEW:

**Year One:** The first year focuses on developing students' core scientific skills and building foundational knowledge in Biology, Chemistry, Physics and Mathematics. Students are also

introduced to the basics of Medical Biotechnology and its uses.

**Year Two:** Students' knowledge and technical skills in the biological field are developed as the programme progresses and they are introduced to areas such as Molecular Biology, Microbiology, and Medical Devices.

**Year Three:** Students study subjects including cell culture and the medical device industry. There is also a work placement in either an industrial or a research setting at the end of Year Three.

**Year Four:** In the final year, focus moves to the biopharmaceutical industry and its impact on the world today. Students also complete a research project on a specific area of interest.

## SPECIAL FEATURES:

Students take part in an industrial placement in the summer of Year Three. This helps prepare them for the professional working environment.

In Year Four, students also gain training experience at the National Institute for

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Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG449**  
 CAO Points: **341**  
 Duration: **4 Years**  
 Class size: **32**  
 Work Placement: **Yes**

[www.itsligo.ie/SG449](http://www.itsligo.ie/SG449)

Bioprocessing Research & Training (NIBRT) in Dublin, which further develops key skills and competencies for working in the biotech/biopharmaceutical industry.

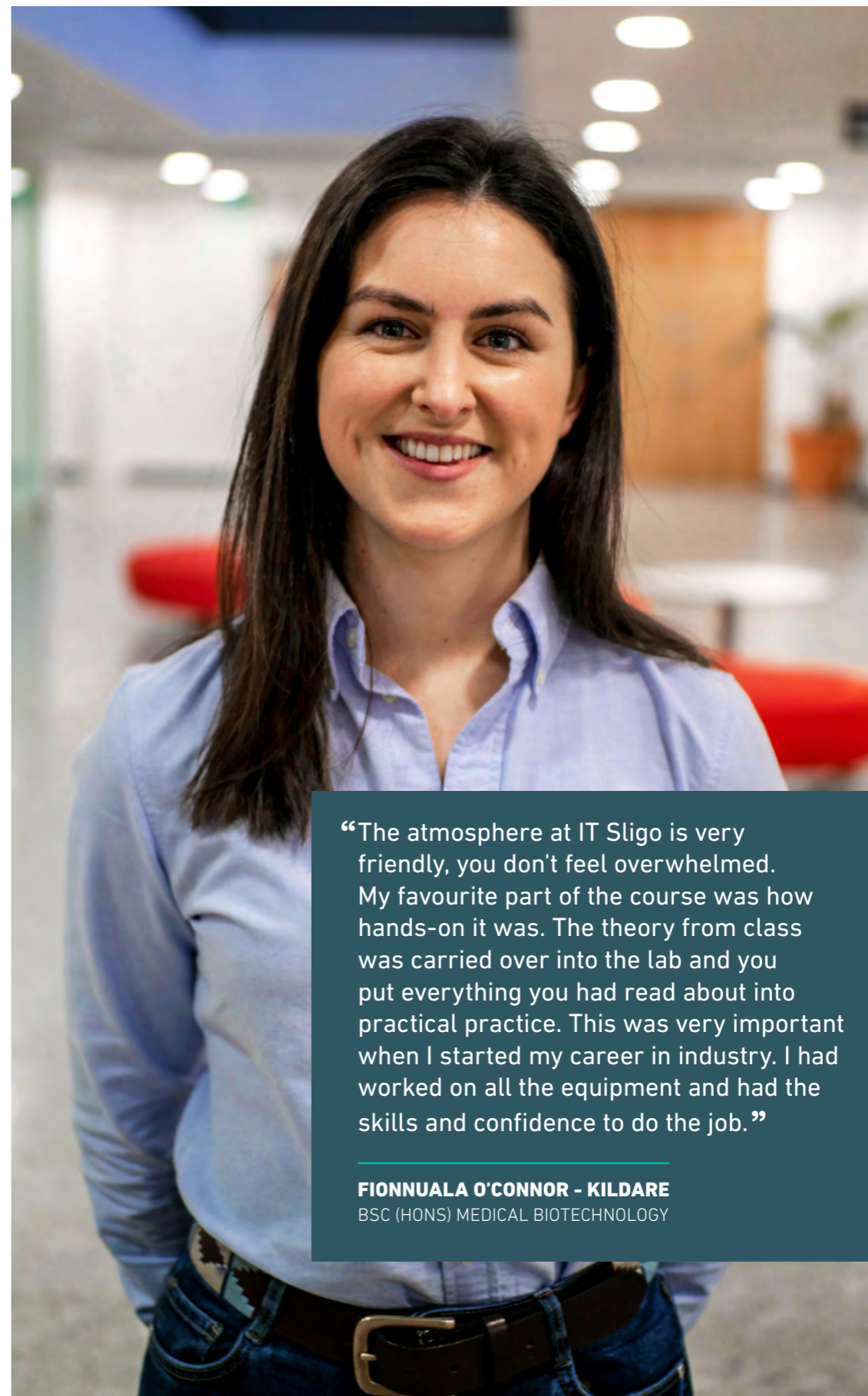
## QUICK FACT:

Enjoy lots of hands-on practical lab work to develop the skills employers need.

Demand for our graduates is extremely high from the growing global bioindustry in Ireland who value the quality and skills of our students.

## GRADUATE DESTINATIONS:

Graduates from this programme work across many bio-based industries including biotech/ biopharmaceutical, diagnostics, and medical devices. They gain roles as technologists, instrumentation scientists, process technicians, cell culture scientists, and protein and drug analysts. Many graduates also elect to pursue a Level 9 Masters of Science or Level 10 PhD doctorate in research.



“The atmosphere at IT Sligo is very friendly, you don't feel overwhelmed. My favourite part of the course was how hands-on it was. The theory from class was carried over into the lab and you put everything you had read about into practical practice. This was very important when I started my career in industry. I had worked on all the equipment and had the skills and confidence to do the job.”

**FIONNUALA O'CONNOR - KILDARE**  
 BSC (HONS) MEDICAL BIOTECHNOLOGY

## BACHELOR OF SCIENCE

## BIOMEDICAL SCIENCE

## PROGRAMME DESCRIPTION:

Biomedical Science is principally focused on the diagnosis, treatment, cure, 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. Graduates go on to work in the exciting and ever evolving biomedical and bioindustry, where there is an abundance of opportunity for skilled graduates.

Not only do students get a strong foundation in biology, chemistry, physics and mathematics and core biomedical disciplines but they are exposed to innovative new processes, devices and technologies, with direct application and importance in research, medical diagnostics, and global bioindustry today.

Unique and interactive teaching methods are used throughout the programme, including the use of social networking, game-based learning, industrial workshops, and visits to target industries and employers. We also understand the importance of transferrable skills including data presentation, information sourcing and scientific technical writing, enhancing employability and expanding student knowledge and understanding of the sector.

## PROGRAMME OVERVIEW:

**Year One:** The first year focuses on developing students' core scientific skills and building foundational knowledge in the scientific disciplines of Biology, Chemistry, Physics and Mathematics. Students are also introduced to the basics

of Biomedical Science and its applications.

**Year Two:** Students' knowledge and technical skills in the bio-based disciplines are developed as the programme progresses and they are introduced to Molecular Biology, Microbiology, Immunology, Medical Devices and Biomedical Applications in Year Two.

**Year Three:** The final year sees students study cell culture applications, immunodiagnostics and bioindustry. There is also a work placement in either an industrial or a research setting.

## FURTHER STUDY OPPORTUNITIES:

Graduates may progress to Year Four of the Level 8 BSc (Hons) Medical Biotechnology. This has a strong focus on Biopharmaceuticals (how drugs are made using cells and bacteria) where there is high demand for graduates.

Following this, graduates can also continue to Level 9 Masters of Science or Level 10 PhD doctoral studies, pursuing research and/or careers in the public or private sectors.

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Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG436**  
CAO Points: **262**  
Duration: **3 Years**  
Class size: **16**  
Work Placement: **Yes**

[www.itsligo.ie/SG436](http://www.itsligo.ie/SG436)

## SPECIAL FEATURES:

There is an industrial work placement in the summer of Year Three. This helps prepare students for the professional working environment.

## GRADUATE DESTINATIONS:

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 assistants, instrumentation scientists, cell culture scientists, and protein and drug analysts.

## GRADUATE STORY:

**“The labs are amazing; you have such a good support system that helps you understand how everything comes together.”**

**Jennifer Murray,**  
BSc Biomedical Science

AskScience@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
CAO Code: **SG530**  
CAO Points: **285**  
Duration: **3 Years**  
Number of Places: **32**  
Delivery: **Online**

[www.itsligo.ie/SG530](http://www.itsligo.ie/SG530)

Course materials will be linked to real-world problems in the area of Healthcare delivery and students will learn how to manage and provide evidence-based solutions.

## PROGRAMME OVERVIEW:

**Year One:** First Year modules consist of the foundation blocks of health science, mathematics, statistics & computing.

**Year Two:** Students begin to specialise in practical data and information management systems and skills whilst developing the knowledge of health and science.

**Year Three:** The final year allows the student to explore and deepen their knowledge in relevant areas of advanced science and statistical data-management methods. The year culminates with a health data project.

## BACHELOR OF SCIENCE

## HEALTH AND MEDICAL INFORMATION SCIENCE (ONLINE)

## PROGRAMME DESCRIPTION:

The world around us is changing and the digital revolution is at the heart of that change. With the rise of high-tech research and data, people are living for longer. As life expectancy goes up, so does the demand for our healthcare services. By studying Health & Medical Information Science at IT Sligo, 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:

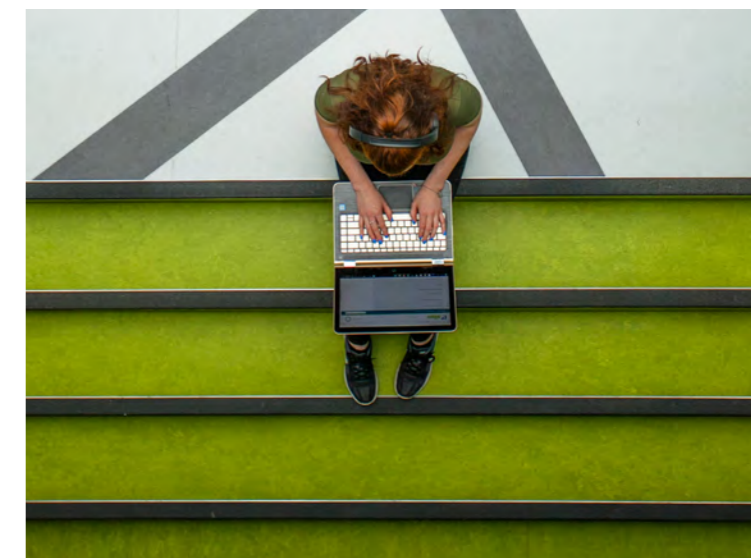
Attending lectures is made easy with our online learning environment. Log into live lectures, engage in discussions, live chat and interact with fellow students and lecturers. Unable to attend? Recorded sessions are available within 24-hours, so students can watch back at a time that suits.

## GRADUATE DESTINATIONS:

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.



## BACHELOR OF SCIENCE (HONOURS)

## HEALTH SCIENCE AND PHYSICAL ACTIVITY

## PROGRAMME DESCRIPTION:

The understanding and promotion of 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. 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.

## PROGRAMME OVERVIEW:

**Year One:** Students acquire practical skills in core subjects, including Biology, Chemistry, Human Anatomy and Physiology, Mathematics, Health and Fitness, Health Communications, Facilitation & Groupwork Skills, Health Promotion, Information Technology, Kinesiology and Exercise Instruction.

**Year Two:** Core subjects in year one are further developed with more emphasis on laboratory and practical elements related to physical activity and exercise. Key modules include Exercise Physiology, Health Psychology, Health Biochemistry, Health

Microbiology, Research Methods, Biomechanics of Human Movement and Promoting Healthy Behaviours.

**Year Three:** Students study specialist streams in more depth. These include Resistance Training and Programme Design, Nutrition, Health Promotion Practice, Physical Activity across the Lifespan and Research Methods. A thesis is completed in the second semester.

**Year Four:** Students will further specialise in Clinical Exercise Prescription, Exercise as Medicine, Physical Activity Project Management, Applied Statistics in Public Health, Qualitative Methods for Health Research, Advanced Facilitation and Group Work Skills. Eligible students will be able to choose an elective in personal training.

A module covering Enterprise and Innovation in Health is included, and a 10-week work placement is completed in the second semester.

## SPECIAL FEATURES:

Register of Exercise Professionals (REPS) Ireland recognised fitness instruction, Personal Training and Exercise for Health Specialist awards are embedded within this programme.

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
 CAO Code: **SG447**  
 CAO Points: **328**  
 Duration: **4 Years**  
 Number of Places: **16**  
 Work Placement: **Yes**  
 Professional  
 Accreditation: **Yes**

[www.itsligo.ie/SG447](http://www.itsligo.ie/SG447)

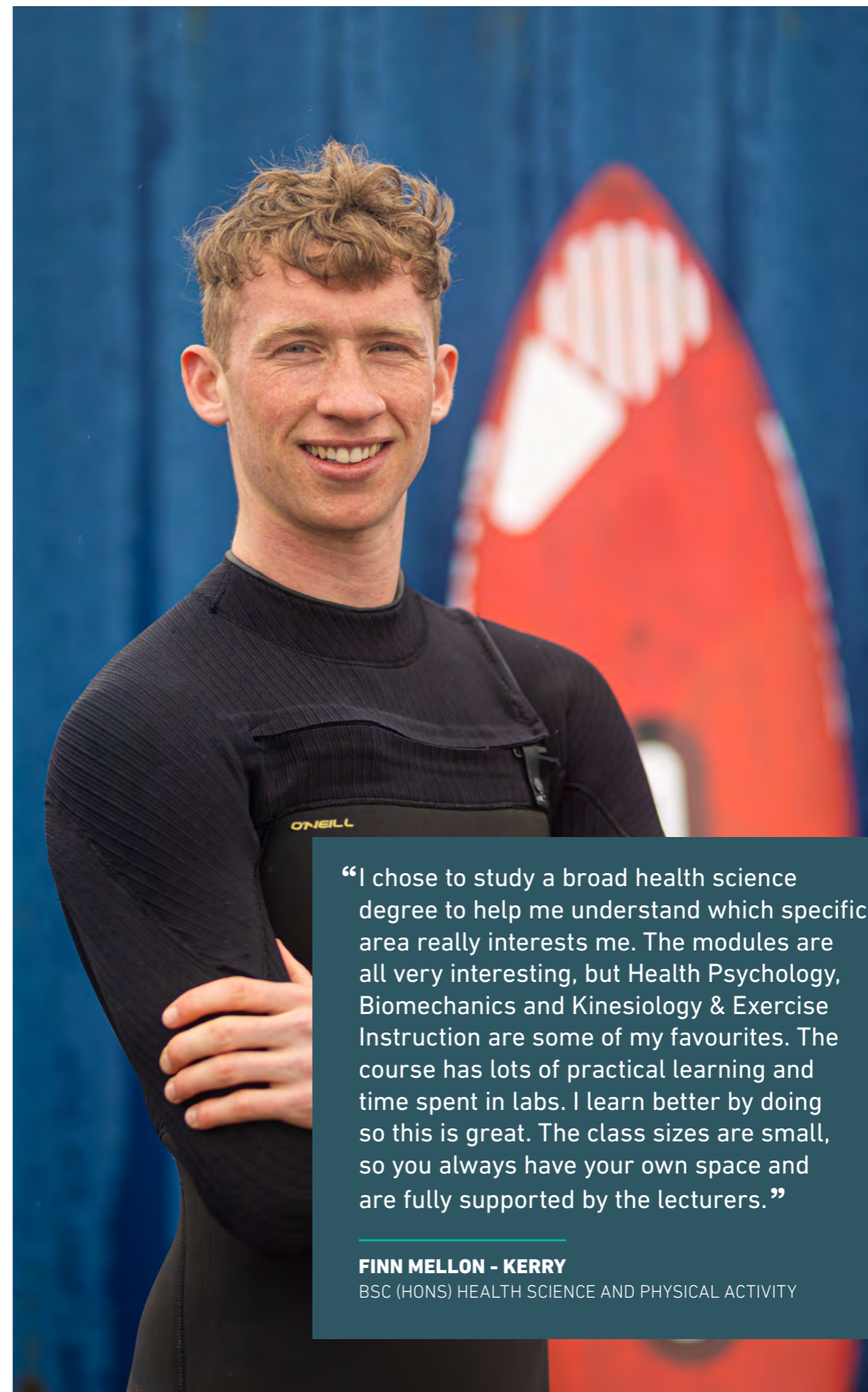
It is also accredited by the International Union for Health Promotion and Education (IUHPE).

## GRADUATE DESTINATIONS:

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.

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 may also gain entry to professional programmes in allied health areas such as Physiotherapy, Radiography and Occupational Therapy.

## PROFESSIONAL ACCREDITATION:



“I chose to study a broad health science degree to help me understand which specific area really interests me. The modules are all very interesting, but Health Psychology, Biomechanics and Kinesiology & Exercise Instruction are some of my favourites. The course has lots of practical learning and time spent in labs. I learn better by doing so this is great. The class sizes are small, so you always have your own space and are fully supported by the lecturers.”

**FINN MELLON - KERRY**

BSC (HONS) 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. 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. I am now deciding whether to start working in industry or continue my studies with a Masters in Radiography.”

#### NIALL CARR - DONEGAL

BSC (HONS) HEALTH SCIENCE AND PHYSICAL ACTIVITY

AskScience@itsligo.ie

Award:  
**Ordinary Degree (Level 7)**  
 CAO Code: **SG435**  
 CAO Points: **289**  
 Duration: **3 Years**  
 Number of Places: **64**  
 Professional  
 Accreditation: **Yes**

[www.itsligo.ie/SG435](http://www.itsligo.ie/SG435)

Modules are aligned to three main study strands: Health Promotion, Exercise and Nutritional Science, and Research Methods for Health. REPS Ireland recognised fitness instruction award is embedded into the programme.

#### PROGRAMME OVERVIEW:

**Year One:** Students acquire practical skills in core subjects, including Biology, Human Anatomy and Physiology, Health and Fitness, Health Communications, Health Promotion, Facilitation & Groupwork Skills and Kinesiology and Exercise Instruction.

**Year Two:** Core subjects in Year One are further advanced placing more emphasis on laboratory and practical elements related to health and physical activity. Key modules include Exercise Physiology, Health Psychology, Health Biochemistry, Health Microbiology, Research Methods, Biomechanics of Human Movement and Promoting Healthy Behaviours.

#### BACHELOR OF SCIENCE

## 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.

**Year Three:** Students study specialist streams in more depth. These include Resistance Training & Programme Design, Human Nutrition, Health Statistics and Data Analysis, Physical Activity across the Lifespan and Health Promotion Practice. A thesis is completed in the second semester.

#### SPECIAL FEATURES:

Graduates from the BSc Health Science Physiology are automatically eligible to apply to become an International Union for Health Promotion and Education (IUHPE) Registered Health Promotion Practitioner. This means that graduates of the combined programmes have qualifications that are recognised worldwide.

#### GRADUATE DESTINATIONS:

Graduates work in the voluntary and state sectors in areas which include youth work, sports development, physical activity, health promotion and health research. Private sector opportunities also exist in a wide variety of areas.

Graduates may progress to the one-year, add-on BSc (Hons) in Public Health and Health Promotion or the final year of Health Science and Physical Activity Honours Degree, subject to meeting the eligibility criteria. Graduates have also gained entry to professional degrees in allied health areas such as Physiotherapy, Radiography and Occupational Therapy, both in Ireland and abroad.

#### GRADUATE STORY:

“The Health Science and Physiology programme gave the knowledge and confidence to follow my passion to become an occupational therapist. After I graduated from IT Sligo, I continued my studies with Cumbria University.”

**Michelle Foody,**  
Occupational Therapist NHS UK

#### PROFESSIONAL ACCREDITATION:



## HIGHER CERTIFICATE OF SCIENCE

## 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.

## PROGRAMME OVERVIEW:

**Year One:** Students acquire practical skills in core subjects, including Biology, Chemistry, Human Anatomy and Physiology, Mathematics, Health and Fitness, Health Communications, Facilitation & Groupwork Skills, Health promotion, Information Technology, Kinesiology and Exercise Instruction.

**Year Two:** Core subjects in Year One are further developed with more emphasis on laboratory and practical elements related to physical activity and exercise. Key modules include Exercise Physiology, Health Psychology, Health Biochemistry, Health Microbiology, Research Methods, Biomechanics of Human Movement and Promoting Healthy Behaviours.

## GRADUATE DESTINATIONS:

This programme provides graduates with a pathway to progress to degree level courses 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. Graduates may be employed in the health and exercise industry.

Graduates can gain direct entry onto Year Three of the Level 7 Bachelor of Science in Health Science and Physiology, after which they may continue to Year Four 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).

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Award:  
**Higher Certificate (Level 6)**  
CAO Code: **SG406**  
CAO Points: **367**  
Duration: **2 Years**

[www.itsligo.ie/SG406](http://www.itsligo.ie/SG406)

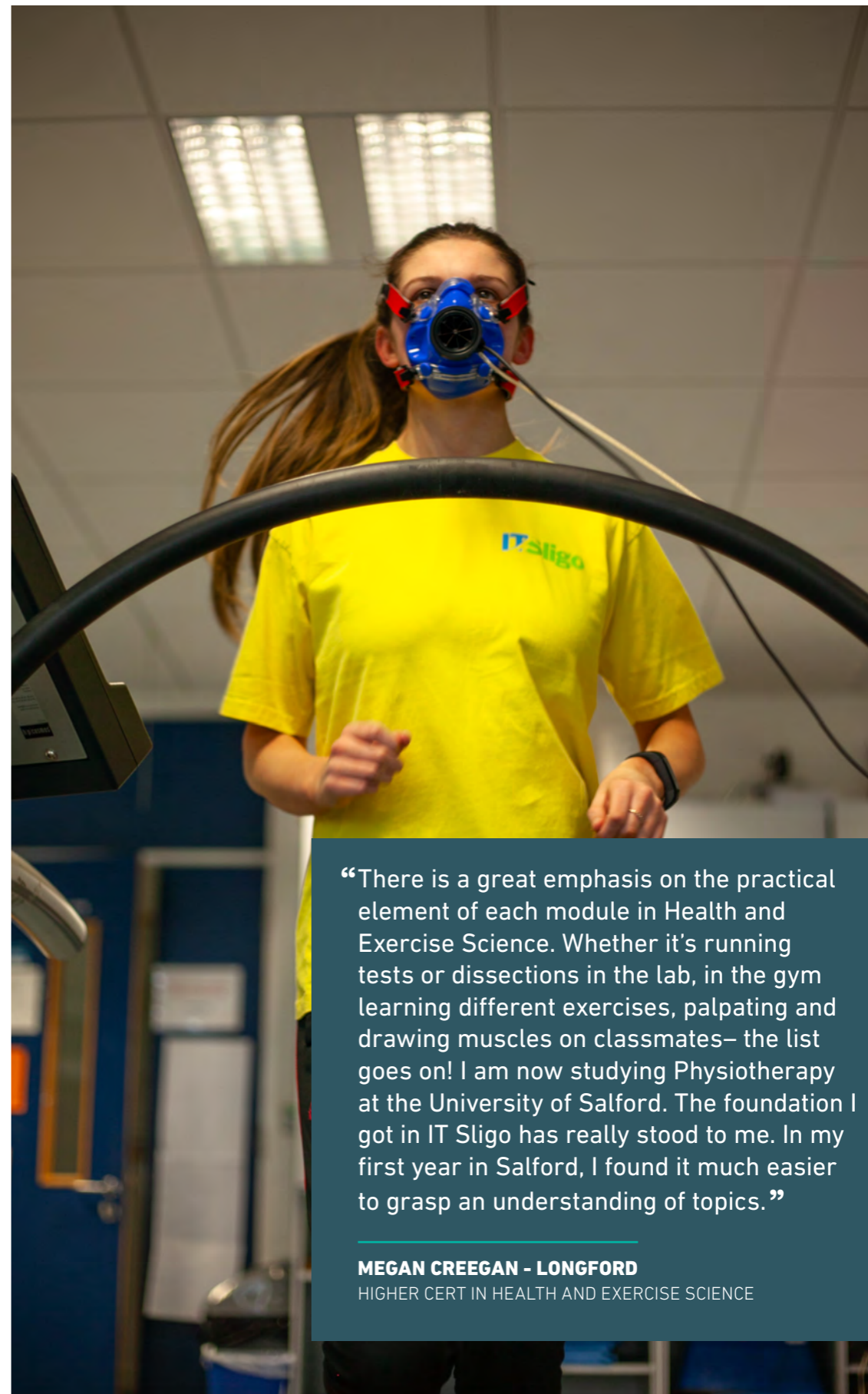
## SPECIAL FEATURES:

Our lecturers together with our career's office will help students with all their progression options. Students may decide to stay in IT Sligo and continue with their degree or move to an alternative college in Ireland or the UK to pursue an allied health profession.

## GRADUATE STORY:

**“I got accepted into Physiotherapy because of this course. The lecturers taught the modules with great enthusiasm and passion, all of which crossed over to us students. If you're a hands-on learner like I am, you will love the blended approach between theory and practical classes. The modules lined up perfectly to physiotherapy where I had an advantageous foundation from this programme.”**

**Dearbhla Neenan,**  
BSc (Hons) Physiotherapy  
Cardiff University



**“There is a great emphasis on the practical element of each module in Health and Exercise Science. Whether it's running tests or dissections in the lab, in the gym learning different exercises, palpating and drawing muscles on classmates– the list goes on! I am now studying Physiotherapy at the University of Salford. The foundation I got in IT Sligo has really stood to me. In my first year in Salford, I found it much easier to grasp an understanding of topics.”**

**MEGAN CREEGAN - LONGFORD**  
HIGHER CERT IN HEALTH AND EXERCISE SCIENCE





“I love that this degree covers all areas of nutrition – from food composition to how the human body works and how we think about food. My lecturers are experts with many of them qualified Dietitians. There is lots of lab work which is a great way to learn and develop new skills. You gain a deep understanding of a wide range of nutrition sectors, such as sports nutrition and clinical nutrition. When I graduate, I will have lots of career and further study options.”

**ANGELA KOSKO - ITALY**  
BSC (HONS) HUMAN NUTRITION

AskScience@itsligo.ie

Award:  
**Honours Degree (Level 8)**  
**Ordinary Degree (Level 7)**  
CAO Code:  
Level 8: **SG443**  
Level 7: **SG434**  
CAO Points:  
Level 8: **356**  
Level 7: **280**  
Duration: **3/4 Years**  
Class size: **32**  
Work Placement: **Yes**  
Erasmus+: **Yes**  
Professional  
Accreditation: **Yes**  
L8: **www.itsligo.ie/SG443**  
L7: **www.itsligo.ie/SG434**

Students will gain an appreciation of the importance of how quality and quantity of food, in addition to the individual's response to food, influence their growth and development. As part of the applied nature of the course, relevant conditions such as obesity, diabetes, cancer, and other conditions will be used to highlight contemporary issues in human nutrition. In addition, students will undertake a 16-week work placement prior to graduation.

### PROGRAMME OVERVIEW:

**Year One:** In first year, students will cover basic sciences including human biology and chemistry, along with modules on mathematics and information technology. Study of nutrition and the foundations of health promotion introduce students to the course's core subject matter.

**Year Two:** Explores Nutritional Biochemistry, Health Psychology and Nutrition through the life stages and various modules related to the science of food.

**Year Three:** As the programme continues, the emphasis is on a range of specialised nutrition subjects, including Advanced

## BACHELOR OF SCIENCE (HONOURS) BACHELOR OF SCIENCE

# HUMAN NUTRITION

### PROGRAMME DESCRIPTION:

Human Nutrition at IT Sligo blends basic sciences, food science, physiology, biochemistry, psychology and specialist nutrition modules in a unique and interesting way to give you the knowledge, skills and training you need to work as a nutritional or food scientist.

Nutrition, Public Health Nutrition, Sports and Exercise Nutrition and Clinical Nutrition.

**Year Four (Level 4):** Students continue their studies in the area of clinical nutrition and are introduced to modules in global nutrition, molecular nutrition and current issues in food and nutrition. They also complete a research project and a four-month placement in the last semester to continue their development in an area related to food and nutrition. The work placement takes place in food-related industries, academia, health promotion and public health agencies, in hospitals and with sports nutritionists in Ireland or abroad.

### GRADUATE DESTINATIONS:

Graduates will be able to use the experience and knowledge gained in this course 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 or they may also progress to postgraduate research in human nutrition, dietetics and related disciplines.

### FURTHER STUDY OPPORTUNITIES:

Level 7 students can progress to the final year in the Level 8 honours degree. We offer a range of Level 9 postgraduate courses in public health nutrition, sports and exercise nutrition and health promotion practice.

### GRADUATE STORY:

“My course highlights were my internship with Abbott Nutrition and my clinical nutrition research project at Sligo University Hospital. Since graduating, I have completed an MSc in Human Nutrition & Dietetics at the University of Limerick. I hope to be a CORU registered dietitian soon.”

**Aisling Lee,**  
BSc (Hons) Human Nutrition,  
Community Dietitian Assistant

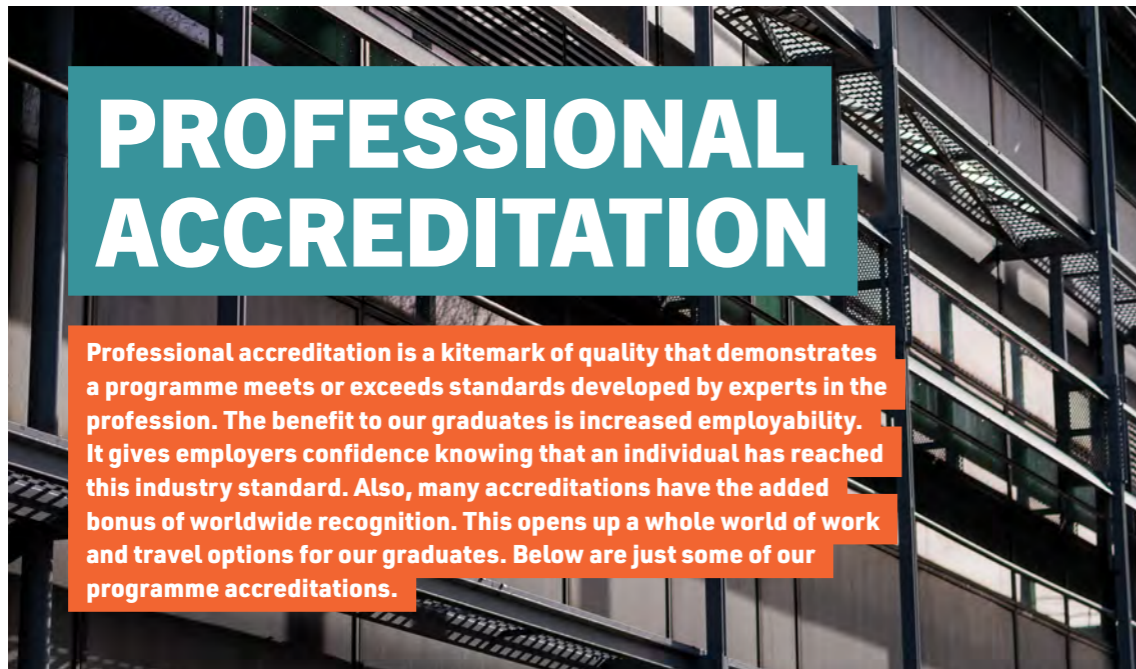
### PROFESSIONAL ACCREDITATION:



Accreditation No. AC289

# YOUR JOURNEY STARTS HERE





# 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 this industry standard. Also, many accreditations have the added bonus of worldwide recognition. This opens up a whole world of work and travel options for our graduates. Below are just some of our programme accreditations.

## BUSINESS AND SOCIAL SCIENCES

<p><b>SG141 BBS (HONS) IN BUSINESS STUDIES</b> Students have the option to obtain this accreditation.</p>	
<p><b>SG145 BA (HONS) IN BUSINESS AND ICT</b></p>	<p>Optional Microsoft and Google Analytics Accreditation</p>
<p><b>SG146 BA (HONS) IN ACCOUNTING</b> 9 professional exam exemptions with ACCA. No University or Institute of Technology in Ireland can offer more.</p>	
<p><b>SG147 BBS (HONS) IN SPORT WITH BUSINESS</b> <b>SG134 BBS IN APPLIED SPORT WITH BUSINESS</b> Students can attain a number of industry recognised qualifications. These include those listed here plus GAA, IRU, Basketball, Athletics and more.</p>	
<p><b>SG243 BA (HONS) IN SOCIAL CARE PRACTICE</b> The first Social Care Practice Programme in Ireland to secure CORU accreditation</p>	<p>CORU Accredited Programme</p>

## ENGINEERING AND DESIGN

<p><b>SG342 BENG (HONS) IN CIVIL ENGINEERING</b> <b>SG338 BENG IN CIVIL ENGINEERING</b> <b>SG300 BENG IN ENGINEERING</b> <b>SG334 BENG IN MECHATRONIC ENGINEERING</b> <b>SG333 BENG IN MECHANICAL ENGINEERING</b> Our new suite of Level 8 Engineering programmes expect to gain this Internationally recognised accreditation after the first cohort of graduates.</p>	
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## ENGINEERING AND DESIGN

<p><b>SG343 BSC (HONS) IN QUANTITY SURVEYING</b> <b>SG339 BSC IN QUANTITY SURVEYING</b> These programmes are fully accredited for chartered membership of the internationally recognised bodies mentioned.</p>	
<p><b>SG346 BSC (HONS) IN CONSTRUCTION PROJECT MANAGEMENT AND APPLIED TECHNOLOGY</b></p>	
<p><b>SG332 BSC IN ADVANCED WOOD AND SUSTAINABLE BUILDING TECHNOLOGY</b> The Chartered Institute of Building is the largest construction body of its type.</p>	
<p><b>SG246 BSC (HONS) IN COMPUTING</b> <b>SG102 HIGHER CERTIFICATE IN COMPUTING</b> <b>SG137 BSC IN COMPUTING</b> <b>SG252 BSC (HONS) SOFTWARE DEVELOPMENT</b> <b>SG136 BSC SOFTWARE DEVELOPMENT</b></p>	<p>Member Institution</p>
<p><b>SG253 BSC (HONS) IN COMPUTER NETWORKS AND CYBER SECURITY</b> <b>SG137 BSC IN COMPUTER NETWORKS AND CYBER SECURITY</b> Students have the option to obtain these accreditations</p>	
<p><b>SG347 BARCH (HONS) IN ARCHITECTURE</b> This programme was awarded provisional approval by the RIAI in line with the RIAI Qualifications in Architecture: Procedures for Prescription under the Building Control Act 2007. The earliest that this qualification may achieve prescription under the Building Control Act 2007 is when the first cohort of students graduate from the programme in 2023.</p>	<p>RIAI Provisionally Accredited Programme</p>
<p><b>SG348 BA (HONS) IN INTERIOR ARCHITECTURE AND DESIGN</b> <b>SG331 BA IN INTERIOR ARCHITECTURE AND DESIGN</b> The first Interior Architecture programmes were the first in Ireland to be recognised by the ECIA (European Council of Interior Architects).</p>	
<p><b>ALL YEATS ACADEMY OF ARTS, DESIGN AND ARCHITECTURE STUDENTS</b> Annual members of the Institute of Designers of Ireland (IDI)</p>	

## SCIENCE

<p><b>SG448 BSC (HONS) IN FORENSIC INVESTIGATION AND ANALYSIS</b> <b>SG437 BSC IN FORENSIC INVESTIGATION AND ANALYSIS</b></p>	
<p><b>SG450 BSC (HONS) IN ENVIRONMENTAL SCIENCE WITH ECOLOGY</b> <b>SG439 BSC IN ENVIRONMENTAL SCIENCE WITH ECOLOGY</b> <b>SG404 HIGHER CERTIFICATE IN ENVIRONMENTAL SCIENCE WITH ECOLOGY</b> Become a student member of CIWEM and join the Environmental Sciences Association of Ireland.</p>	

SCIENCE	
<p><b>SG442 BSC (HONS) IN OCCUPATIONAL SAFETY AND HEALTH</b>  <b>SG433 BSC IN OCCUPATIONAL SAFETY AND HEALTH</b>                      International recognition from the Institution of Occupational Safety and Health (IOSH)</p>	
<p><b>SG447 BSC (HONS) IN HEALTH SCIENCE AND PHYSICAL ACTIVITY</b>  <b>SG435 BSC IN HEALTH SCIENCE AND PHYSIOLOGY</b>  <b>ADD-ON BSC (HONS) IN PUBLIC HEALTH AND HEALTH PROMOTION</b>                      Graduates are automatically eligible to apply to become an International Union for Health Promotion and Education (IUHPE) Registered Health Promotion Practitioner. This is a worldwide recognition.</p>	
<p><b>SG447 BSC (HONS) IN HEALTH SCIENCE AND PHYSICAL ACTIVITY</b>                      Register of Exercise Professionals (REPS) Ireland recognised fitness instruction, Personal Training and Exercise for Health Specialist awards are embedded within this programme.</p>	
<p><b>SG443 BSC (HONS) IN HUMAN NUTRITION</b>                      Graduates are eligible for direct entry as Registered Associate Nutritionists. This worldwide recognition is increasingly seen as an essential criteria for working in the area of nutrition.</p>	



## WAYS TO LEARN

Alongside our extensive range of full-time CAO courses, we have other ways in which you can take the next step in your academic journey.

### ONLINE

With a portfolio of over 150 online courses from Level 6 to Level 10 across our three faculties, IT Sligo continues to strengthen its leadership in Online Learning in Ireland. These are very flexible courses and a great option for those in full-time employment or those with caring and other responsibilities. If you are unable to attend live lectures, recorded sessions are available within a short period of time. Students can review the recordings multiple times at their own convenience. Through blended and experiential learning techniques students will also take part in practical sessions as required. For further information see [www.itsligo.ie/onlinelearning](http://www.itsligo.ie/onlinelearning)

### HIGHER ED FOR ALL

This aims to assist people who wish to further their education but cannot attend campus. Participants in the programme can study remotely from their homes through live online lectures. There are currently three courses available through this initiative –BA (Hons) in Writing and Literature (SG254) and BSc Health and Medical Information Science (SG530). These can both be applied for through the CAO. An additional course, our Higher Cert in Health and Medical Information Science can be applied for through direct application. For more information contact [admissions@itsligo.ie](mailto:admissions@itsligo.ie)

### TRAINING FOR SUCCESS WITH EPILEPSY IRELAND

IT Sligo offers a one-year access course in General Studies (Level 5). The course aims to help individuals identify their goals and how to achieve them, build confidence and self-esteem, decide upon a career of their choice 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 on how to apply please visit [www.itsligo.ie/trainingforsuccess](http://www.itsligo.ie/trainingforsuccess)

### TRADE APPRENTICESHIPS

IT Sligo provides trade apprenticeship training for electricians, carpenters, joiners, toolmakers and manufacturing (Advanced level 6 trade certificate). You get the experience, the skills and the 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.solas.ie](http://www.solas.ie)

### PROFESSIONAL APPRENTICESHIPS

IT Sligo is the co-ordinating provider of the BA (Hons) in Insurance Practice with the Insurance Institute as its industry partner. The structure consists of nine semesters in total with online study from your place of work one day a week and practical on-the-job work experience. Details of course structure as well as graduate stories are available on [www.itsligo.ie/employers/apprentices/](http://www.itsligo.ie/employers/apprentices/)

### WORK-BASED LEARNING

Participants of this new programme will study the BEng in Mechatronic Systems. Individuals 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. Applications are made through the CAO. For more information visit [www.itsligo.ie/SG335](http://www.itsligo.ie/SG335)

## APPLYING

### HOW TO APPLY

All applications for entry to the first year of IT Sligo's full-time undergraduate courses are made through the Central Applications Office (CAO). Applications open during November for courses starting in September of the following year. Detailed information on how to apply is available at [www.cao.ie](http://www.cao.ie)

### ABOUT THE CAO SYSTEM

Using a single application, you may choose up to twenty courses – ten at Level 8 and ten at Level 7 and Level 6. Your choices on one list do not affect your choices on the other; you may receive two independent course offers, one from each list. It is extremely important to list your choices in order of genuine preference in each category. For more information, see [www.cao.ie](http://www.cao.ie)

### KEY CAO DATES

- 5th November at 12:00pm: CAO application season opens
- 20th January at 5:15pm: Online discounted application closes
- 1st February at 5:15pm: Application Deadline
- 5th March CAO Re-opens for late applications
- 1st May at 5:15pm: Late application closing date
- 5th May to 1st July at 5:15pm: Change of mind date
- Mid-August Round one offers and available places/clearing

## APPLICATION TYPES & ENTRY REQUIREMENT

There are five main application types:

1. Irish Leaving Certificate
2. FETAC and QQI applicants
3. Mature Applicants
4. International Applicants
5. GCE and GCSE or School leavers from other EU countries

### 1. IRISH LEAVING CERTIFICATE

#### Minimum Entry Requirements

Higher Certificate (Level 6) and Ordinary Degree (Level 7)

- Five grade O6/H7. Leaving Certificate subjects must include Mathematics\* and English or Irish.

#### Honours Degree (Level 8)

- Four grade O6/H7 and two grade H5. Leaving Certificate subjects must include Mathematics\* and English or Irish.

\* Some courses do not require Mathematics as an entry requirement, while others have certain exemptions or honours requirements – please see section on Mathematics requirements

#### Points

CAO points are allocated for Leaving Certificate grades H1-H8 and O1-O8 as follows (See next column):

Higher Level	% Marks	CAO Points
H1	90 - 100	100
H2	80 < 90	88
H3	70 < 80	77
H4	60 < 70	66
H5	50 < 60	56
H6	40 < 50	46
H7	30 < 40	37
H8	0 < 30	0

Ordinary Level	% Marks	CAO Points
O1	90 - 100	56
O2	80 < 90	46
O3	70 < 80	37
O4	60 < 70	28
O5	50 < 60	20
O6	40 < 50	12
O7	30 < 40	0
O8	0 < 30	0

#### Bonus Points for Mathematics

25 additional points will be awarded for Higher Level Mathematics at grades H6 and above

#### LCVP

LCVP modules can be counted as one of the passes required when considering LCE entry requirements for IT Sligo courses. CAO points are awarded as follows:

Level	Points
Distinction	66
Merit	46
Pass	28

## 2. FETAC AND QQI APPLICANTS

### Entry Requirements

Higher Certificate Course (NFQ Level 6) and Ordinary Degree Course (NFQ Level 7)

- A full QQI FET/FETAC (Level 5 or 6) award.

### Honours Degree Course (NFQ Level 8)

- Full QQI FET/FETAC (Level 5 or 6) award to include Distinction grades in at least three modules.

For entry to most courses, a full award may be accumulated over more than one academic year. In such cases, it is the responsibility of the applicant to apply to QQI for a full award.

Applicants who hold a full Level 6 award may be eligible to apply for entry to Year Two of a cognate programme.

### Points

A full QQI FET/FETAC Level 5 or 6 major award will have a minimum credit value of 120.

Component awards, or achievement of less than 120 credits, do not constitute a full award.

All QQI FET/FETAC Level 5 and Level 6 awards will be scored using the best 120 credits to deliver a maximum of 390 points regardless of whether they were achieved before or after the introduction of CAS. The scoring process is outlined on the CAO website at [www.cao.ie](http://www.cao.ie)



### 3. MATURE APPLICANTS

#### Entry Requirements

The sole criterion for qualification as a mature applicant is age. You are required to be over 23 on 1st January of the calendar year of application. Applications should be made through the CAO in the usual way.

### 4. INTERNATIONAL APPLICANTS

#### Entry Requirements

School Certificates are converted to CAO points for candidates who come to us through the CAO system. For more information contact [admissions@itsligo.ie](mailto:admissions@itsligo.ie)

### 5. GCE AND GCSE APPLICANTS

#### Entry Requirements

##### The minimum entry requirements for applicants from Northern Ireland (GCE AS, A2, AVCE, Double Award, BTEC):

Applicants must have a recognised award at Level 3 on the UK framework of qualifications. GCE AS and A Level, NVQ Level 3, Advanced Diplomas and Vocational Qualifications Level 3 are recognised qualifications for entry to Year One at IT Sligo.

Applied A Levels (AVCE) are treated in the same way as A Levels. Please provide full details of GCE A2 and AS, AVCE, Double Award, BTEC, etc. in the Part B 'Special Categories' section of the application. The CAO will issue offers to applicants who have achieved enough points for their chosen courses towards the end of August.

##### Applicants are expected to have at least:

- GCSE grade C in English language, and GCSE grade C in Mathematics.

#### For Higher Certificate courses (Level 6) and Bachelor Degree courses (Level 7)

- As a guide, two A2 at grade C are required for entry to Level 7 or equivalent grades at BTEC National Diploma Level 3.

#### For Honours Bachelor Degree (Level 8)

- As a guide, three A2 at grade C or equivalent grades at BTEC National Diploma Level 3 or OCR National Level 3.

#### Points

Calculation of CAO points for GCE examinations CAO points (similar to UCAS Tariff points) are assigned to the exam grades presented by candidates who meet the minimum entry requirements. Points are used to rank applicants. The points required for entry to a particular course are determined by the level of demand on course places. A combination of A2 and AS Level grades from different subjects can be used for point scoring purposes. Applied A Levels (AVCE) are treated in the same way as A2 Level for entry to IT Sligo.

Below is our points scoring system:

A Level Scoring from 2019	Institute of Technology, Sligo	
	Best 3 A-Levels	AS Levels (& 4th A-level where presented)
A*	185	74
A	156	62
B	131	52
C	106	42
D	84	34
E	63	25

## APPLICANTS WITH DISABILITIES AND SPECIFIC LEARNING DIFFICULTIES

Many students with disabilities access third level education through the standard route.

### DARE PROGRAMME

IT Sligo is part of the Disability Access Route to Education (DARE). This is a third level admissions scheme which offers places on reduced points to applicants with disabilities. In order to be considered for a place, you must apply to the CAO by 1st February. By 1st March, you must indicate your wish to be considered for DARE by ticking 'Yes' to Question 1. You must also complete Section A (Questions 1-5) of the Supplementary Information Form. You must return the fully completed, signed and stamped Evidence of Disability (Section C) to the CAO by 15th March.

All applicants must achieve at least the minimum entry requirements for any course.

For more information please go to [www.accesscollege.ie/dare](http://www.accesscollege.ie/dare)

### HEAR PROGRAMME

IT Sligo is part of the Higher Education Access Route (HEAR). This is a college scheme which offers places on reduced points and with extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland.

For more information please go to [www.accesscollege.ie/hear](http://www.accesscollege.ie/hear)

The HEAR programme offers a variety of academic, personal and social supports, including:

- An orientation programme to introduce you to college.

- Workshops to help with essay-writing, study skills, time management and money management.
- A dedicated support officer to help facilitate the transition to college life.
- Financial assistance if available.
- A peer-mentoring programme.
- Information and referrals to other student support services in the college.

## ENGLISH AND MATHEMATICS

### ENGLISH PROFICIENCY

All lectures, tutorials and practical work are delivered through English. It is vitally important that students who are not native English speakers have the required standard on entry to ensure they gain maximum value from their time at IT Sligo. If an applicant does not have a Level 5 qualification in English, the required minimum proficiency score in English for entry to IT Sligo is:

English	Under Graduate	Post Graduate
IELTS	5.5	6.0
TOEFL Paper	513	550
TOEFL IBT	65	80
TOEFL CBT	183	210
TOEIC	605	780
Cambridge Exam	FCE	FCE
ETAPP	B+	C1

The Pearson Test of English Academic (PTE Academic) is an English test used by universities, college and government around the world. For university entry, the PTE Academic recommend a minimum score of 51 or more for undergraduate entry and a minimum of 57 or above for postgraduate.

## MATHS REQUIREMENTS

In general, a minimum of F2 in Foundation Mathematics (Leaving Certificate) or a Mathematics module in QQI/FETAC or GCSE grade C in Mathematics.

### Courses with no Mathematics Requirements

The courses listed below do not require Mathematics, regardless of what type of applicant you are or what qualification you hold. For Leaving Certificate Applicants; this subject can be replaced with another Leaving Certificate subject for points calculation.

Course	Level	Code
Early Childhood Care and Education	L8	SG242
Social Care Practice	L8	SG243
English and Psychology	L8	SG247
Sociology and Politics	L8	SG248
Writing and Literature	L8	SG249
Writing and Literature (Online)	L8	SG254
Creative Design	L8 & L7	SG245 & SG232
Fine Art	L8 & L7	SG244 & SG231
Performing Arts	L8	SG241
Performing Arts (Acting)	L7	SG236
Performing Arts (Theatre Design)	L7	SG235

### Other exceptions to the Mathematics Requirements

Foundation Mathematics is not accepted for entry to any of the School of Engineering and Design courses (excluding those with no requirements) except:

Course	Level	Code
Construction Project Management And Applied Technology	L8	SG346
Advanced Wood and Sustainable Building Technology	L7	SG332
Applied Construction Technology	L6	SG308
Interior Architecture and Design	L8	SG348
Interior Architecture and Design	L7	SG331
Computing	L8	SG246
Computing: Computer Networks and Cyber Security	L8 L7	SG253 SG137
Computing: Software Development	L8 L7	SG252 SG136
Computing: Games Development	L7	SG131

### Mathematics Requirements for L8 Honours Degrees

Please note that a minimum of a grade H5 in Leaving Certificate Mathematics, or equivalent, is required for the following courses:

Course	Level	Code
General Engineering	L8	SG341
Civil Engineering	L8	SG342
Mechanical Engineering	L8	SG344
Electronics and Self Driving Technologies	L8	SG349
Robotics and Automation	L8	SG350

For students who do not have a H5 grade in Higher Level Mathematics, IT Sligo have a special Mathematics Examination which is the equivalent to Higher Level Mathematics. For further information please visit [www.itsligo.ie](http://www.itsligo.ie)

### Alternative Maths Exam

IT Sligo hold an alternative Maths Exam after the leaving certificate results are released to satisfy matriculation requirements to facilitate students who did not obtain the necessary grades.

[www.itsligo.ie/alternative](http://www.itsligo.ie/alternative)



## FEES AND GRANTS

A student contribution (registration) fee of €3,000 (2022/23) is payable by all students who do not qualify for a grant or scholarship. SUSI (Student Universal Support Ireland) provides financial support to eligible students. There are two elements to the student grant – a maintenance grant and a fee grant.

- A maintenance grant is a contribution towards living costs.
- A fee grant can cover all or part of the student contribution fee plus the costs of essential field trips.

Students who qualify for a fee maintenance grant will usually qualify for a fee grant. If you don't qualify for a maintenance grant, you may qualify for a partial fee grant if your family's reckonable income is below certain limits.

### Fees and Grants for Students from Northern Ireland or Great Britain

Students from Northern Ireland or Great Britain do not have to pay tuition fees to study in the Republic of Ireland (because they are paid by the Irish government). However, they do have to pay the student contribution fee of €3,000 (2022/23). A student contribution loan can be secured to cover this upfront cost. Student loans and grants in the United Kingdom are primarily provided by the government through the Student Loans Company. Student loans are low-interest and partly means tested. Unlike a grant however, the money must be paid back eventually. The Student Loans Company decides if you are eligible for a loan and if so, how much you can get. Applicants should contact their Local Education and Library Board or visit these websites for more information: [www.slc.co.uk](http://www.slc.co.uk) or [www.studentfinancenl.co.uk](http://www.studentfinancenl.co.uk)

## CRIMINAL CONVICTIONS AND STUDENT VETTING POLICY

**IT Sligo is committed to promoting equality of opportunity and is keen to encourage a diverse student population with a wide range of talents, backgrounds and experiences.**

We will consider applications for admission based on the qualifications, skills, abilities and personal qualities of the applicant. We acknowledge the critical role of education in the rehabilitative process and having a criminal record will not necessarily debar an applicant unless the nature and seriousness of the offence in question makes it inappropriate for them to be admitted.

Applicants with a criminal record should send notification under separate cover marked 'Confidential' to the Student Affairs Manager, IT Sligo, Ash Lane, Sligo, outlining the details of their conviction and the courses in which they are interested in attending. Applications will be processed in accordance with the IT Sligo Criminal Convictions Policy which is available on [www.itsligo.ie](http://www.itsligo.ie)

The on-going participation of any student who acquires a conviction while undergoing any course at the Institute will be subject to review in accordance with this policy.

### GARDA VETTING

A number of courses at IT Sligo require students to undertake work placements that will bring them into contact with children and/or vulnerable adults and in which they will assume positions of trust. We are committed to protecting the safety of those children and vulnerable adults. IT Sligo will use the National Vetting Bureau as part of the assessment process for entry to the relevant programmes in accordance with the IT Sligo Student Vetting Policy.

## VACCINATION REQUIREMENT

Hepatitis B vaccination will be required for work placement on certain courses.

## PHYSICAL TESTING

Physical Health Screening Policy. Some courses offered by IT Sligo include practical modules that consist of physical exercise. Our policy is to ensure that you participate in physical exercise at a level which suits you best. At induction, students for these programmes fill out a simple self-assessment questionnaire. The information provided will be treated as confidential and will be reviewed by our health services staff. You may be invited for a follow-up medical assessment before participating in the physical exercise elements of your course. The purpose of this assessment is to identify the level of physical exercise best suited to your abilities.

Course	Code
Early Childhood Care and Education	SG242
Social Care Practice	SG243
English and Psychology	SG247
Sociology and Politics	SG248
Sport with Business	SG147
Applied Sport with Business	SG134
Tourism and Event Management	SG151
International Tourism and Event Management	SG140
Health Science and Physical Activity	SG447
Health Science and Physiology	SG435
Health and Exercise Science	SG406
Writing and Literature	SG406
Early Childhood Care and Education	SG242
Performing Arts	SG241
Performing Arts (Acting)	SG236
Performing Arts (Theatre Design)	SG235
Public Health and Health Promotion	Add-On
Certificate in Introductory Counselling Skills	Online

This list is subject to review as necessary. In addition, IT Sligo may require any student of the Institute to undergo Garda vetting.





## 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 courses, 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 IT Sligo website [www.itsligo.ie](http://www.itsligo.ie) for the most up-to-date information before making an application.

## EQUAL OPPORTUNITIES

IT Sligo operates an equal opportunities admissions policy. It aims to ensure that all applicants receive equal opportunities regardless of gender, age, ethnicity, nationality, sexual orientation or political or religious belief.

Information contained in this prospectus may also be made available in other formats, to ensure access for everyone. Please e-mail any requests to [cao@itsligo.ie](mailto:cao@itsligo.ie)



## ACKNOWLEDGEMENTS

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## JOIN US AT OUR NEXT OPEN DAY

- Friday 12th & Saturday 13th November 2021  
**Discover your Options**
- Tuesday 18th January 2022  
**Make your Choice**
- Saturday 7th May 2022  
**Be a Student for a Day**

## CONNECT WITH US ONLINE

- Get the most up to date CAO information at [www.itsligo.ie/CAO](http://www.itsligo.ie/CAO)
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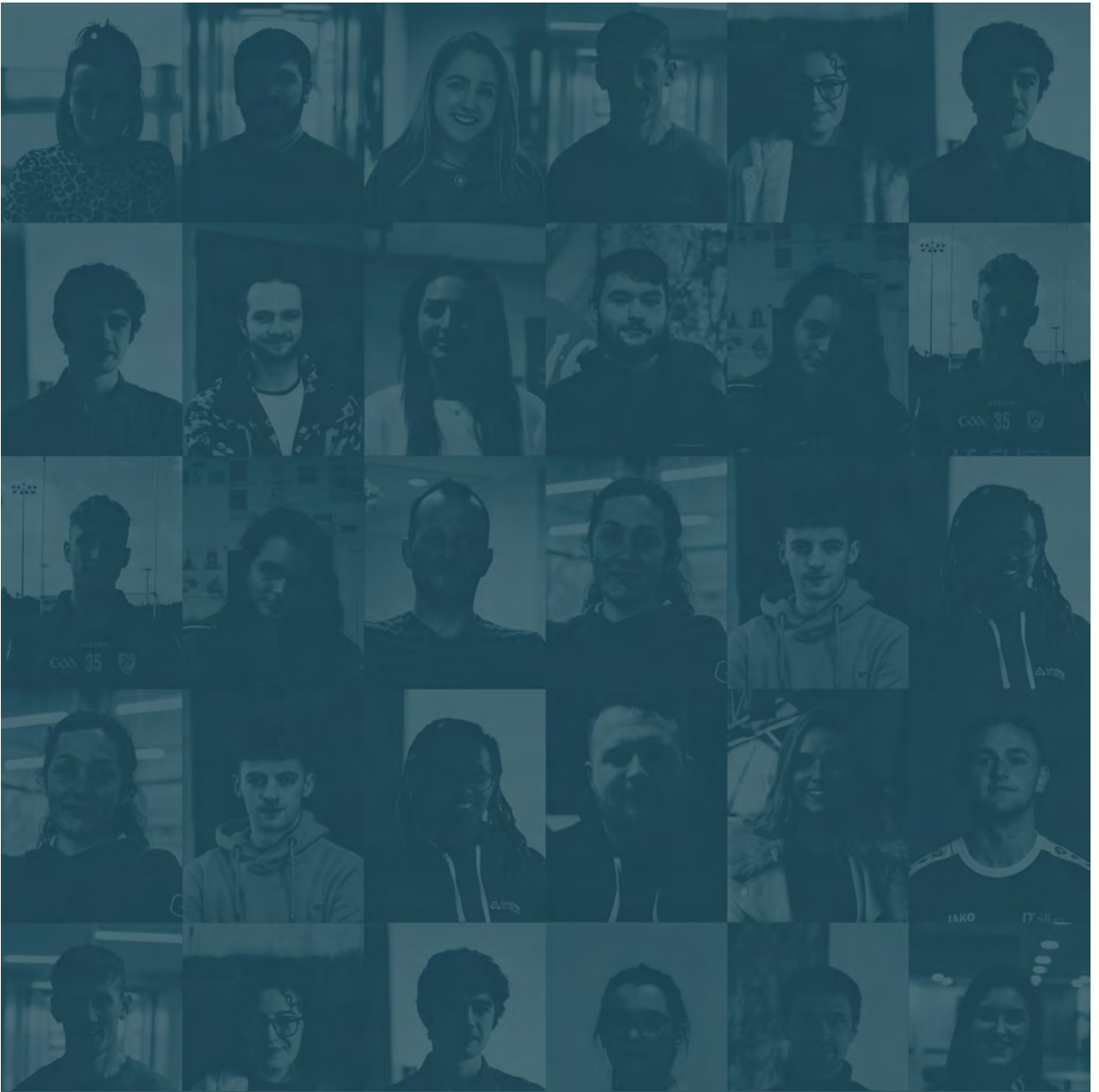
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