50 YEARS OF ACADEMIC EXCELLENCE
## Faculty of Business and Social Sciences

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Be more
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IT Sligo 2018–2019
By Numbers

New Entrants
- Full Time Undergraduates
- Science: 27%
- Business & Social Sciences: 43%
- Engineering & Design: 30%

Enrolments
- Total: 7,022
- Under Grad: 90%
- Post Grad: 10%
- Full Time: 49%
- Online: 43%
- Part Time: 8%
- Male: 50%
- Female: 50%

Graduates
- Total: 1,633
- 1st Class Qualification in Honours Degree: 11%
- Additional Graduates with Special Purpose Awards: 536

International Participation
- 248 Students from 37 Countries
- North America: 17%
- Rest of World: 21%
- Asia: 22%
- EU: 40%

Students Say
- 79% Rate their entire educational experience as Good or Excellent
- 83% Indicated that they would choose IT Sligo again
- 82% From Connacht/Ulster region
- 70 Active clubs & societies
In 2020, IT Sligo will be celebrating 50 years of academic excellence. Over the past five decades this Institute has grown from a small regional college to an internationally recognised third level college providing university level education with a reputation that transcends the globe. Over the next year IT Sligo will submit our plans to become a Technological University.

More than 20,000 students have graduated from IT Sligo over the years, gaining employment with some of the biggest companies in the world. For fifty years our reputation as a third level institution has extended beyond the region and is recognised by some of the largest corporations providing graduates who meet there talent requirements. Many of our students have been recruited straight out of college and even before completing final exams. Our high level of employability is unequalled in Ireland and is due to the reputation we have built with companies over the years.

Academically, IT Sligo students have access to the best facilities and the lecturers that teach them come from industry, sharing the most relevant and up to date skills. We nurture 21st century skills-curiosity, initiative, grit, persistence, adaptability and leadership.

But college isn’t all about academia and we want our students to have a memorable time here. We have the largest number of Clubs & Societies of any Institute in Ireland. With over 70 Clubs & Societies from Surfing to Gaming and Dancing to Debating, you will experience a student life here like no other.

To acknowledge our cultural heritage, this year we officially launched our new Yeats Academy of Arts, Design & Architecture offering students a space to develop their creativity and master their craft under the guidance of our award winning staff who bring with them a reputation recognised internationally.

When you come to Sligo you get the best of everything. A beautiful coastline, a busy town, convenient travel, affordable accommodation, excellent social life and a college that can prepare you for your future careers.

At IT Sligo you will, ‘learn more, live more, be more’. Through applied learning and implementation we work hard to help you develop the skills to think critically, analyse complex issues, to make clear decisions, to communicate effectively and to work well with others.

You will achieve these goals with the help and guidance of our lecturers and support staff on our stunning campus boasting some of the newest facilities of any third level Institute in Ireland. Sharing your experience with 7,000 fellow students from over 30 countries around the world, we will make your time here memorable.

At IT Sligo we will give you the best opportunities to get ahead. This is your time – make the most of it!

Dr Brendan McCormack
Why choose IT Sligo

1. An exceptional academic experience and forefront of research.

2. Very high graduate employment rates.

3. Opportunities for work and work-related experience.
Opportunity to study abroad.

Excellent social, sports facilities and student support.

Active campus dedicated to health and green issues.

Access to Ireland’s leading online learning facilities.
Celebrating 50 years of Academic Excellence in 2020

IT Sligo is celebrating a 50 year anniversary in 2020 with a calendar of events to mark some of the important milestones in our history. From humble beginnings Sligo Regional Technical College began with just 38 full-time students offering courses in Business Studies, Science and Office Skills.

For the first time, students from the Northwest could earn National Certificate qualifications without leaving the region. With the arrival of international corporations such as Abbott Ireland, access to a skilled workforce from Sligo RTC was influential in deciding their location in the Northwest.

Over the decades Sligo RTC would adopt and adapt courses based on the needs of employers in the region, supplying a skilled workforce and employability to our graduates was the essential role of the Institute.

The Institute was paramount in the development of the economic and social fabric of the region. Throughout the 70’s and 80’s the Institute expanded at a dramatic rate as the need for highly educated graduates grew.

Throughout its history, the Institute has been the leader in national demands. In 1974, Sligo RTC became the first third level to offer courses in Environmental Science. To this day, our Science department has some of the best experts in environmental issues in Ireland. The department has attracted students from as far away as Japan to study here.

1970
First of one of the four to be established

1982
First BSc Environmental Science in the country

1997
Institute of Technology Sligo Name Change
The Sligo region has a long tradition of toolmaking and precision engineering. IT Sligo National Centre for Toolmaking, a centre of excellence for the past four decades, has provided apprentices and honour graduates for industry. Many of these have gone on to set up their own companies.

It was in Environmental Science that would lead to another first in IT Sligo. A Masters in Environmental Protection, developed by Dr. Billy Fitzgerald in 1989 was the first distance learning course developed by the Institute. On the arrival of the internet a few years later, IT Sligo would use this example to establish an online learning experience. By the early 2000’s, IT Sligo became the leading online institute in Ireland and today has over 3,500 students studying online around the world.

As we head towards our 50th anniversary, IT Sligo continues its ambitious growth. Shortly IT Sligo will join with GMIT and LYIT to create a Technological University. Combined we will be stronger than ever, becoming one of the largest University’s in Ireland with 8 campuses and an estimated 20,000 students, based in Galway, Mayo, Donegal and Sligo.

The future is looking bright, but we have our past to thank for that.

www.itsligo.ie/50
50 Years Timeline of Achievement

1970
- Regional Technical College, Sligo - one of the first four in the country to be established

1989
- Establishment of distance learning Post Graduate Diploma in Environmental Protection

1990
- Graduated the first PhD student within the IoT sector

1999
- IT Sligo Quality Assurance Procedures approved

2000
- One of the first IoT to be granted delegated authority (QAI/HETAC) to award certificates and diplomas

2013
- Three Strategic Research Centres CERIS, PEM and CRISP, established

2014
- MacMunn Science Building opened by the then Taoiseach Enda Kenny

2014-2016
- Category 1 in HEA System Performance evaluations

2018
- MA in Social Work – First Institute of Technology to develop and deliver a Masters in Social Work
- First HEI for new Institutional Review
- Technological Universities Act - Framework for the establishment of TUs
- Launch of Project Ireland 2040 on the IT Sligo campus

2019
- BSc (Hons) Biomedical Sciences (online) accredited by the Institute of Biomedical Sciences
- Milestone of 3,500 online learners achieved
- Yeats Academy of Art Design and Architecture established
- Launch of new Sligo Rovers Scholarship

2020
- Proposed submission date for Technological University status
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1982</td>
<td>First recruitment to BSc Environmental Science in the country</td>
</tr>
<tr>
<td>1987</td>
<td>Exchange agreement with I.U.T. Montlucon, France</td>
</tr>
<tr>
<td>1988</td>
<td>Exchange agreement with Coventry Polytechnic</td>
</tr>
<tr>
<td></td>
<td>Growth of international exchanges and Erasmus programme</td>
</tr>
<tr>
<td>1994</td>
<td>IT Sligo conferred the First PhD in the State, who had progressed through all levels of the ladder system (from Level 6 to Level 10)</td>
</tr>
<tr>
<td>1995</td>
<td>First Female PhD in the IoT sector graduated from IT Sligo</td>
</tr>
<tr>
<td>1997</td>
<td>Name changed to Institute of Technology</td>
</tr>
<tr>
<td>2004</td>
<td>IT Sligo GAA Team Won Sigerson Cup</td>
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<tr>
<td></td>
<td>IT Sligo’s BEng Civil Engineering is the first Civil Engineering Degree from an IoT to be recognised by Engineers Ireland for chartered membership</td>
</tr>
<tr>
<td>2005</td>
<td>IT Sligo GAA Team Won Sigerson Cup</td>
</tr>
<tr>
<td>2012</td>
<td>Formation of the Centre for Online Learning</td>
</tr>
<tr>
<td></td>
<td>Established Connacht Ulster Alliance with GMIT and LYIT</td>
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<tr>
<td></td>
<td>BSc (Hons) Forensic Investigation is accredited by the Chartered Society of Forensic Science</td>
</tr>
<tr>
<td>2015</td>
<td>Nobel prize Winner William Campbell opens the Aurivo Lecture theatre and launches the first Ireland/UK collaborative distance learning degree programmes with Ulster University</td>
</tr>
<tr>
<td>2016</td>
<td>The first IoT to offer national ‘New Apprentice’ programme BA (Hons) Insurance Practice</td>
</tr>
<tr>
<td>2017</td>
<td>Constance Markievicz Building opened, the home of the Faculty of Business and Social Sciences</td>
</tr>
<tr>
<td></td>
<td>BSc Data Centre Facilities Management – global industry request</td>
</tr>
</tbody>
</table>
An Institute of Firsts

IT Sligo was among the first group of 4 Institutes (then Regional Technical College) established in 1970.

We developed the first Honours Degree in the sector.

IT Sligo graduated the first Masters by Research in all the Institutes.

The first PhD in the sector – Dr Hubert Henry.

The first female PhD graduated from any Institute of Technology Ireland in 1998 – Dr Ann-Marie Duddy

The first PhD in the State to go through all levels of the ladder system, from Level 6 (Higher Certificate) to Level 10 (PhD) – Dr John Bartlett

“Cell Culture in Ecotoxicology.”

– Dr Bartlett is now Head of Research at IT Sligo.

“Novel Wastewater Treatment Systems.”
IT Sligo was among the first group of 4 Institutes (then Regional Technical College) established in 1970. We developed the first Honours Degree in the sector.

IT Sligo graduated the first Masters by Research in all the Institutes. The first PhD in the sector – Dr Hubert Henry – Dr John Bartlett

Cell Culture in Ecotoxicology.

– Dr Bartlett is now Head of Research at IT Sligo.

The first female PhD graduated from any Institute of Technology Ireland in 1998 – Dr Ann-Marie Duddy

Novel Wastewater Treatment Systems.

“I get a better understanding of the theory behind the science by seeing it happen in front of me. When I do lab work, it just clicks.”

Alannah McGrory
BSc Pharmaceutical Science with Drug Development

IT Sligo Prospectus 2020 13
Do you want to graduate from a University?

IT Sligo aims to achieve University status. This means for you joining IT Sligo now, you will graduate from an internationally respected Technological University in the North West of Ireland. Join us on this exciting journey.

Working towards a Technological University

Institute of Technology Sligo, Galway-Mayo Institute of Technology and Letterkenny Institute of Technology have entered into a strategic partnership known as the Connacht-Ulster Alliance (CUA) to create a Technological University for the West/North West of Ireland.

There are a number of steps involved to realise this strategic ambition including choosing a new name, and you can read up on the work that has already taken place on [www.cualliance.ie](http://www.cualliance.ie)

Our new University will service an area of 26,000 square kilometers, have a total student enrolment of up to 20,000.
What is New at IT Sligo

Yeats Academy of Art Design and Architecture

The west of Ireland has always prided itself as a creative force. A new department in the Faculty of Engineering & Design, the Yeats Academy provides a focal point from which to learn, practice and develop creativity, be it Fine Art, Architecture, Creative Design, Performing Arts or Writing and Literature. We recognise the value of creative culture as an asset.

The Yeats Academy makes opportunities for students to acquire the knowledge, skills and experience needed to find their distinctive voice as an actor, architect, artist, designer or writer. Students not only achieve technical mastery of their practice but also the critical and intellectual abilities and the business skills that any career demands.

At IT Sligo, we provide the conditions in which students flourish and achieve their highest potential. Come to IT Sligo to push the parameters of your creativity and to pursue your dreams.

Did you know that the BA Performing Arts (Theatre Design) is the only degree of its kind in Ireland where students can study script writing, acting, directing, costume design, set construction all in one qualification.

Visit our Creative Showcase on the IT Sligo campus in May, the end of year show to exhibit and celebrate the immense talent of our students.

www.itsligo.ie/yaada
What is New at IT Sligo

New North Campus
The Irish government has invested €13 million in IT Sligo's plans to build a North Campus Creative Hub. Situated behind the existing campus and within 100 metres of the main entrance, the site will facilitate the recently established Yeats Academy of Arts, Design and Architecture.

As we strive to become a Technological University, this new North Campus will be a Creative Hub for all art, design and architecture students to optimise their learning experience at IT Sligo.

Each art and design student will have their own studio space, and a place to exhibit. Architecture and design will both benefit from state of the art digital media and model making workshops. While a black box performance space allows performing arts students to push the boundaries of physical and verbal expression – all in a beautiful space students can be proud to learn in.

Abbey Theatre Bursary
The Abbey Theatre Bursary is a unique opportunity only available to IT Sligo students. Robert Ryan, a carpenter from Mullingar, returned to study BA Performing Arts because he wanted to design and build theatre sets with his hands. Kirsty Ryan (no relation) from Kildare started at IT Sligo knowing she wanted to be a director of plays but fell in love with costume design and script writing.

Both Robert and Kirsty were awarded the 2019 Yeats Design Residency at the Abbey Theatre – an annual bursary that awards graduates of Theatre Design from IT Sligo’s BA Performing Arts, a six month residency at the Abbey Theatre.

Watch Robert and Kirsty talk about their time at IT Sligo at the following links.
www.itssligo.ie/Robert
www.itssligo.ie/Kirsty

Common First Year
Regardless of what type of computing or engineering you think you want to study, a common first year will help you establish your strengths and identify where your true passions lie, for example in Software Development, App Design or Games Development.

All Engineering degrees have a common first year, giving the student the equal chance to experience Civil, Electronic, Precision, Mechanical, Mechatronic Engineering and the confidence to choose a pathway that works for them.

Social Work and Arts Degrees
IT Sligo was the first Institute of Technology to develop and deliver a Social Work Programme and it is hugely popular. 20% of places are reserved for mature students. The Arts degrees (English & Psychology; Sociology & Politics) are over-subscribed every year with more applications than places available. Social Science lecturers are the best you will find in Ireland, they advise on government policy, publish books and win awards.
New courses At IT Sligo

At IT Sligo we listen to industry needs and we forecast trends before they happen. We predict skills deficits based on labour market intelligence and develop new qualifications from Level 6 (Higher Certificate) to Level 8 (Honours Degree).

We also listen to what school teachers tell us when they give feedback of what senior cycle secondary school students are looking for in their future. With that in mind we are pleased to share this list of newly established courses as well as alerting you to the ones being developed and awaiting approval.

BSc (Hons) Construction Project Management & Applied Technology (Level 8) CAO Code: SG346

This four year programme is the first of its kind in Ireland to combine practical skills of applied construction technology with building information modelling and construction project management. This programme also incorporates work placement in third year, resulting in highly sought after graduates with a strong practical foundation and cutting edge construction management expertise. See www.itsligo.ie/SG346 or page 124 for more information

Higher Certificate in Applied Construction Technology (Level 6) CAO Code: SG308

This two year full time programme has a hands on practical focus to provide students with excellent skills in sustainable construction technology, carpentry, joinery and building information modeling. See www.itsligo.ie/SG308 or page 120 for more information

Higher Certificate in Health & Exercise Science (Level 6) CAO Code: SG406

This 2-year course gives students the chance to either (1) exit after two years to pursue various allied health courses elsewhere (e.g. Physiotherapy, Occupational Therapy, and Speech & Language) OR (2) progress directly onto our Level 7 BSc Health Science & Physiology and in time pursue the Level 8 Honours degree in Health Science and Physical Activity. See www.itsligo.ie/SG406 or page 153 for more information

BSc Environmental Science with Ecology (level 6, Level 7, Level 8)

There are three entry levels available for this new programme. 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 become Environmental Scientists, Ecologist, Environmental Protection Officers. There are options to travel abroad, work placement, and specialize your own research project in final year. See the programme pages within, for more information

Higher Certificate Sustainable Food Production (Level 6) CAO Code: SG405

Sustainable food production systems include all processes and infrastructure involved in feeding a population: from growing, harvesting, processing, packaging, transporting, marketing, consumption, and disposal of food and food-related items. This programme has been developed to meet the demand for graduates with integrated skills in the agri-food sector. It is science based and covers food production; food processing technologies and sustainable food production across the food chain (farm-to-fork). See www.itsligo.ie/SG405 or page 144 for more information
Courses under development

*Subject to approval

**BEng (Hons) Mechatronic Engineering (Level 8)**

This new programme will provide students with the skills, knowledge, and competencies required to begin a career in robotics and automation engineering. It imparts the knowledge and understanding of the essential elements of the design process and methodologies relevant to complex engineering. Modules will offer both an applied and practical based approach with content that is industry relevant and skills that are sought after. The curriculum includes the manufacturing, automation, and ICT technologies that underpin Industry 4.0 in order to prepare the students to the Smart, Virtual and Digital factories of the future.

**BEng (Hons) Electronic Engineering and Self Driving Cars (Level 8)**

Electronics is a continuously evolving area and is the driving force behind the era of smart technologies, including mobile phones, gaming, smart clothing & watches, smart bionic limbs, smart glasses and smart vehicles. This programme enables its graduates with the ability to design and develop such products, while also introducing them to the new and exciting area of self-driving technologies. The BEng in Electronics and Self Driving Technologies in a 4-year programme, centered around the use of electronics and technology to improve the quality of our lives.

**BEng (Hons) Mechanical Engineering (Level 8)**

Mechanical Engineers have a broad range of skills used in manufacturing and design of machines. Accredited by Engineers Ireland, this degree offers a strong emphasis on applied and practical, hands-on modules and project work in design and manufacturing. The learning experience is designed to ensure students are prepared for industry and/or progression to higher level courses while also enhancing their leadership and management skills. The curriculum includes automation and the ICT technologies that underpin Industry 4.0 that prepares students to the Smart, Virtual and Digital factories of the future. With a one year work placement as part of this programme, students will be exposed to applying their engineering knowledge in solving real world practical problems. This programme addresses the skills shortage in the manufacturing sector both nationally and internationally.

Visit [www.itsligo.ie/newcourses](http://www.itsligo.ie/newcourses) for an update on the start date and CAO codes of new courses.
Our Stunning Campus

From individual Studio Space, Apple Mac Drawing Laboratories, to the 250 seater tiered Aurivo Theatre, and Industry Spec. Analytical Chemistry labs to tool making workshops, IT Sligo has invested heavily in the teaching and learning space to give University-standard education.

The campus provides a professional state-of-the-art academic experience. High expectations and high quality of teaching are our strengths.

The Student Experience

Graduates of IT Sligo not only consistently highlight the quality of the teaching as one of our greatest strengths, they also commend the valuable life-experience that being a student here is. That’s because at IT Sligo, it’s personal. Not only are we ambitious for you to reach your academic potential, we strive to give you a rounded learning experience, where you get to know your lecturers as well as your classmates. IT Sligo offers an education that will stand to you for a lifetime. You’ll graduate confident, innovative and capable of leading the development of the region and beyond, with a network of friendships that will be with you forever.
Our Campus
Outside Our Walls

Not all lecture theatres have walls and no other campus proves that more than IT Sligo. Our degrees offer robust and experiential learning and we use what is on our doorstep to our advantage.

Sligo has 110km of shoreline. Our Sport with Business degree has a module in surfing and students with a passion for water sports are often in the sea before lectures start in the morning.

The North West of Ireland has a rich archaeological landscape. Students from all over the world study Archaeology at IT Sligo to take part in excavations of some of the oldest archaeological sites in world.

Sligo’s adventure tourism is thriving, as well as this Sligo is known for its live music and an increasing number of Music Festivals. Our Tourism and Events Management students get valuable experience as volunteers and hands-on experience as event managers and music promoters.

With the influx of both small start up companies as well as international corporations, Sligo-Leitrim host a very successful Tech Cluster. We are known as Silicon Sligo. Computing and Digital students get face-to-face contact with CEOs of globally successful businesses.

Sligo is a hub of precision engineering and manufacturing with countless industries locally servicing a global demand. Our Engineering student third year projects are inspired by these engineering leaders and in partnership, new products are researched and built. Many engineering students go on to achieve Engineers Ireland awards.

BioPharma companies made Sligo their home decades ago. Science students not only become familiar with their high spec laboratories during work placement but also benefit from the mentorship and career counselling business leaders impart.

At IT Sligo we know you can only learn so much in the classroom. That’s why we produce some of the most employable graduates in the country, by preparing our students with real life experiences.
A Global Experience — We may have Sligo in our name but most of our students come from all corners of Ireland and around the world. When you join IT Sligo, you become part of an international community. This is all part of the IT Sligo experience, allowing you to meet new people and learn new cultures through our large selection of Clubs & Societies.

International Students

Students from all over the world are attracted to IT Sligo, not just for the traditional Irish welcome but also for the rich culture, beautiful location and vibrant and modern campus. International students make up 8% of the student population from 36 nationalities.

Our International Office co-ordinates admissions and supports for visiting students. Our aim is to give our Irish students an international experience, while giving our visiting students a quality Irish educational life.

IT Sligo has International Partnerships with Colleges Ontario, offering degree completion pathway opportunities for Colleges Ontario (CO) Diploma and Advanced Diploma graduates onto Bachelor Degree programmes.

We offer a joint Program in Computing and Electronic Engineering partner institution, Tianjin University of Technology and Education (TUTE) in China.
Life beyond the Lecture Theatre

It’s not all about lectures, assignments, coursework and exams. While these are important, there’s so much more to life at IT Sligo. We have one of the most compact and friendly campuses of any Institute in Ireland, which makes it so much easier to meet people and make friends. You can go to class, visit the library, get your lunch or go to the gym without having to leave the campus.

Why Choose IT Sligo?

→ Courses from Higher Certificate and Bachelor Degree to Masters and Doctorate level (NFQ Levels 6 to 10)
→ State-of-the-art single campus located in “The Land of Hearts Desire” (W.B. Yeats)
→ Diverse and vibrant international student mix
→ Flexible, supportive and friendly learning environment
→ Excellent student support services
→ Modern and affordable student accommodation adjacent to the campus.

BA (Hons) in Architectural Design student Richelle Yi from Malaysia pictured with Minister Mary Mitchell O’Connor during the IT Sligo Creative Showcase.

Erasmus +

IT Sligo is a proud holder of the Erasmus + Charter, encouraging students from around the world to come and study with us. Each year we welcome hundreds of incoming students and staff from our Erasmus + partner institutions.

IT Sligo Students Study Abroad

If you’d like to study and live in another country, travel and improve your language skills, why not consider a study abroad period or a foreign work placement as part of your degree? At IT Sligo, we encourage our students to consider taking all or part of their third year in one of our partner Institutions across Europe or worldwide.

Contact us

The International Office is always available to discuss these opportunities with you.

For Further Information:

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248 International students
studied in IT Sligo in 2018/2019
What We Can Offer You

IT Sligo offers qualifications from Level 6 (Higher Certificate) to Level 10 (PhD), giving equal opportunities to students of all abilities and all backgrounds.

In the programmes pages that follow, you can decide which level you want to join. Not just based on ability or points on entry, you may choose a Level 6, Higher Diploma because after two years you will have a qualification. You may choose to use this for employment or progress onto a Level 7 Degree.

This is called a “ladder system” because you can move up the ladder, gathering qualifications as you go. It gives you choice. You can graduate after any of the levels with your qualification. Some use the system to get a “taste” of a subject before jumping in to a full four year qualification.

Students can also choose to enter directly into a Level 8 Honours degree, these are called “ab initio” degree because you are starting the subject from the beginning for four full years.

Common Entry

IT Sligo’s common entry in both Computing and Engineering disciplines gives you space to explore a range of subjects in the first year, delaying the decision to choose a degree path until second year.

Apprenticeships

IT Sligo offers trade apprenticeships in Electrical, Tool Making, Carpentry, Joinery, Manufacturing and Insurance.

We are the co-ordinating provider of the BA (Hons) in Insurance Practice with the Insurance Institute as its Industry partner. See the following pages for more Apprenticeships.
Work Placement

90% of all Degrees at IT Sligo offer work placement.

Computing
In Year 3 all our Computing students go on placement for between 3 and 6 months. These placements are in a range of companies from small start-ups to the largest multinationals e.g. Codec, Overstock, Live Tiles, Ericsson and Primerica.

Students get a real sense of what it is like to work in industry in roles such as a Software Developer, Systems & Network Engineer, App Designer or Games Developer.

Tourism and Event Management
From Mayo County Council to Sligo Live Festival to Stand Up Paddling, Year 2 and Year 3 Tourism students enjoy hands-on experience working on real events in industry.

Early Childhood Care and Education
In Year 2 and Year 3 students benefit from a 13-week placement in Pre-school settings e.g. Montessori, Creche as well as Family Resource Centres and Agencies depending on what aspect of childcare the student is interested in.

Forensic Investigation and Analysis / Biomedical Science
Science students have a wide choice of where to conduct their placement from the State Pathologist to the Abbott Multinational, the choice is yours depending on what area of forensics interests you.

Archaeology
While the NW of Ireland offers a selection of pre-historic sites, students don’t always have to be involved in actual excavation, others choose a heritage route and explore placements in curation or conservation, tour guidance, museum education or gallery exhibitions.

Sports with Business
Students work at what they love when they complete their 13 week placement in the final semester of third year in leisure centres, private gyms, or council run sports and recreation partnerships.

Agri-Food
These student conduct a 6 to 9 month work placement in a food production environment to experience farm to fork strategies.

Human Nutrition
Human Nutrition students learn the full process from conceiving a new product all the way to getting it on a supermarket shelf when they work with well-known brand “Good4U”, their training ranged from sourcing ingredients, content analysis, to customer feedback surveys and marketing strategies.

Environmental Science
Whether for the Office of Public Works (OPW) or a County Council, any disruption to the environment e.g. new roads, bridges or buildings, means environmental impact.

Sociology and Politics
Third year student Seamus Bannon worked alongside MEP Marion Harkin in Brussels and experienced politics at its core in the European parliament.

Finance and Investment
Business students secure a four month placement in the financial services industry.

Social Care
Social Care students secure a placement in the Social Care industry as it is a mandatory requirement to work in this sector.
More Learning Options at IT Sligo

Online Learning
IT Sligo Online offers 140 online programmes to those who want to study part-time at a pace that matches their work-life balance. Courses span all Faculties and in particular offer programmes of relevance to those working in MedTech, Pharma and Bio Pharma and Manufacturing Industries.

Programmes are delivered by web-casting the live lectures over the internet and students have access to high-quality recordings as well as a range of additional learning resources. IT Sligo is the leader in online learning in Ireland with 3,500 online students currently studying with us.

www.itsligo.ie/onlinelearning

Training for Success – with Epilepsy Ireland
IT Sligo offers a one-year Access Course in General Studies (Level 5). This course is a joint initiative between Epilepsy Ireland, Mayo, Sligo and Leitrim Education and Training Board (MSLETB) and IT Sligo.

The programme is holistic in nature and the only one of its kind in Europe. It aims to support young people to:

→ Identify their own personal goals and plan to achieve them

→ Build confidence and self esteem

→ Decide upon the career of their choice

→ Learn about the nature and management of epilepsy

There are no fees and students are paid a training allowance and where appropriate, an accommodation allowance by MSLETB. For more information on how to apply, please visit

www.itsligo.ie/trainingforsuccess

Apprenticeships

IT Sligo and Trades
IT Sligo provides training for Electricians, Carpenters, Joiners, Manufacturing and Toolmakers (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. For more information please visit

www.solas.ie

Professional Apprenticeship
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 their 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.earnandlearn.ie
“Wow! The equipment is unbelievable. And the help from the lecturers has been unbelievable. Really helpful”

Michael
Tool Making Apprentice – Year 4
Pathways to Success – an Alternative Route

There are multiple ways to achieve your career goal. You can complete an honours degree in IT Sligo followed by additional study and become for example a Teacher, Physiotherapist or Crime Investigator.

Physiotherapy, Occupational Therapy, Speech & Language, Radiography

IT Sligo has launched a new course in 2019, the Level 6 Higher Certificate in Health & Exercise Science, www.itsligo.ie/SG406 (page 153). It is a 2-year course that gives students the chance to pursue various allied health courses elsewhere (e.g. Physiotherapy, Occupational Therapy, Speech & Language, Podiatry or Radiography). UK Universities have a history of welcoming IT Sligo Health Science graduates onto BSc (Hons) Physiotherapy.

Many graduates of BSc(Hons) Health Science & Physiology know before they start at IT Sligo that they want to become an allied health professional and progress onto MSc Occupational Therapy, Podiatry and Speech and Language.

Teacher training

There are a number of degrees in IT Sligo that meet Irish Teaching Council criteria (www.teachingcouncil.ie)

For example, by completing a Honours Level 8 degree at IT Sligo and continuing with a Masters in Education (2 years), you can become a qualified teacher, either Primary or Secondary.

Garda Training and Garda Technical Bureau

One of the primary functions of An Garda Síochána is the investigation, detection and prevention of crime. Graduates of BSc Forensic Investigation and Analysis from IT Sligo often go on to work for Forensic Science Ireland - an associated office of the Department of Justice and Equality. The laboratory and scientific skills learned in this degree can be used in the investigation of crime in order to produce balanced expert reports to support justice. Students from BSc Forensic Investigation and Analysis have had work placement opportunities with the State Pathologist.

IT Sligo graduates (from any degree path) can also choose to do Garda Training and upon successful completion receive a BA in Applied Policing. The Technical Bureau is made up of teams with expertise in a range of areas including photography, ballistics, fingerprints and mapping.
<table>
<thead>
<tr>
<th>Graduate</th>
<th>Master</th>
<th>Educate</th>
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</thead>
<tbody>
<tr>
<td>Graduate of Higher Cert. Health &amp; Exercise Science at IT Sligo</td>
<td>BSc Physiotherapy (3 years)</td>
<td>Qualified Physiotherapist</td>
</tr>
<tr>
<td>Graduate of BB Business Degree at IT Sligo</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Secondary School Teacher of Business</td>
</tr>
<tr>
<td>Graduate of BB Sport with Business at IT Sligo</td>
<td>Professional Masters in Education (Physical Education) (3 years)</td>
<td>Qualified Secondary School Teacher of Physical Education (PE)</td>
</tr>
<tr>
<td>Graduate of BA English and Physiology or BA (Hons) Writing and Literature at IT Sligo</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Secondary School Teacher of English</td>
</tr>
<tr>
<td>Graduate of BA (Hons) Fine Art at IT Sligo</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Secondary School Teacher of Art</td>
</tr>
<tr>
<td>Graduate of BA Early Childhood Care and Education (along with an Honour in Honours Irish in your Leaving Cert)</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Primary School Teacher</td>
</tr>
<tr>
<td>Graduate of BA Sociology and Politics at IT Sligo</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Secondary School Teacher of CSPE (Civil Social Political Education). CSPE is a required course in citizenship education for Junior Cycle students</td>
</tr>
<tr>
<td>Graduate of BSc Forensic Investigation and Analysis at IT Sligo</td>
<td>Masters in Education (2 years)</td>
<td>Qualified Secondary School Teacher of Chemistry</td>
</tr>
<tr>
<td>Any Level 8 Honours degree from IT Sligo + Work Experience</td>
<td>Masters in Guidance Counselling</td>
<td>School Career Guidance Counsellor</td>
</tr>
<tr>
<td>Any L6, L7 or L8 qualification from IT Sligo</td>
<td>Garda Training</td>
<td>Member of Garda Siochana</td>
</tr>
</tbody>
</table>
GenZ Employability

Every generation is different and we are looking forward to welcoming our first GenZ students this year. We know your generation have a different and fresh approach to life and we at IT Sligo are preparing for that. Your generation want a healthier, open and greener campus. This year we have signed up to Green Campus and are already active in our Healthy Campus. When you join IT Sligo you can be part of this revolution against climate change, having a say in what measures we can take together in saving the planet and living a healthier lifestyle in body and mind. When you come to IT Sligo we want you to be part of this shift towards a greener world.

Preparing for a changing workforce

Artificial Intelligence, robots, autonomous vehicles, Industry 4.0. A decade ago, all these phrases were science fiction. Today, IT Sligo is offering courses in all of these new industries. We are the first Institute in the world to offer an online Masters in Autonomous Vehicles in the English language, attracting students from the US, India and across Europe.

We are also leading a European study into how we will prepare as humans to work with robotic colleagues. IT Sligo is at the forefront of this new industrial revolution. Join us.
More Than
Just a Degree

You get more than a degree at IT Sligo. Graduates of BSc Sport with Business, also receive a range of external qualifications as part of their degree programme

→ Level One Athletics Coaching Qualification
→ Level One and Two IHF Community Walking Leader
→ EQF Level 3 Fitness Instructor
→ EQF Level 4 Personal Trainer
→ Irish Water Safety Assistant Swim teacher award
→ Royal Lifesaving Society Emergency Response Swimming Pools award
→ Royal Lifesaving Society National Pool Lifeguard Qualification (with Automated External Defibrillation)
→ Irish Water Safety Level 2 Swim teacher award.
→ GAA - Foundation or level 1 award
→ IRFU - Lep Rugby award
→ Basketball Ireland - Introductory Basketball Award

Professional Accreditation

Many of our degree programmes are recognised by the following professional bodies
Postgraduate Opportunities

IT Sligo has a range of options available to students after graduation from Postgraduate Diploma, Masters and Post Doctoral Degree. IT Sligo offers online and on campus choices. From established taught masters programmes in Marketing, Social Work and Connected and Autonomous Vehicles to a new suite of Masters in the Workplace Degrees, these are flexible to suit the individual.

Research Options

A postgraduate research degree (Research Masters or PhD) is different to a taught course in a number of ways.

- It is project based – you design and decide your studies from the outset
- There is no coursework
- You are responsible for carrying out the work
- This mode of learning is self-learning
- A supervisor is appointed by the Institute to guide you in developing and carrying out the project.

Each research project is unique and involves a specific research question, which the project is designed to answer in a structured way. The project is built around an appropriate theory or hypothesis and requires a plan of work to answer the question, together with a suitable schedule within which to achieve the degree (a Masters is typically two years, a PhD is typically four years). The nature of projects at IT Sligo is diverse and projects have ranged from ‘Mirror therapy for enhancing motor function after stroke’ to ‘Local Authority planning provision for Event Management in Ireland’.

Students completing their Masters may have the opportunity to progress their projects to a postgraduate doctoral degree (Level 10 – PhD).

Registration can be processed at any time of the year. Each applicant’s learning background and current circumstances are unique and at all stages of the registration application process, the Research Office will consider each application on an individual basis.

Research facts

- There currently close to 100 students actively engaged in postgraduate study in IT Sligo.
- Over 25% of postgraduate students are international. IT Sligo particularly attracts students from Canada, Egypt and Europe.
- 26 new taught and research programmes available for application this year
- Postgraduates progress to post-doctoral research and or lecturing positions in IT Sligo or Universities.

For further information please contact:

Dr John Bartlett
Head of Research
T: +353 (0)71 91 37359
E: bartlett.john@itsligo.ie

New Masters

A range of work based Learning Masters have been launched at IT Sligo. These give students the chance to explore a particular project in depth while benefitting from online taught modules.

- Master of Arts
- MA Professional Leadership
- MSc Biopharmaceutical Process
- MSc Health Promotion Practice
- MSc Public Health Nutrition
- MEng Geotechnical and Structural Engineering
- MEng Industry 4.0
- MSc Data Science

Visit [www.itsligo.ie/postgraduate](http://www.itsligo.ie/postgraduate) for more information

IT Sligo Prospectus 2020 35
Global Alumni – Where IT Sligo Graduates Are Now

1. David Hannon, BSc Construction Management, Consultant at SBC International, Russian Federation
2. Zhi Hao Chin, BA Architectural Design RIBA part 1, Project Manager at Tong Hai Yang Construction, Singapore
3. Kahna Gilligan, BA Accounting, Auditor at FedEx, United Arab Emirates
4. Ah O, BSc Pharmaceutical Science, Product Owner, External Supply in GSK, Japan
5. Tomasz Chanusiak, BEng Electrical and Computing Engineering, Engineer at Airbus, Germany
6. Dr. Thais Diniz Oliveira, PhD, Postdoc Researcher, CIRED, Paris France
7. Oisín Foley, BSc Computing Software Development Engineer at Beijer Electronics, Malmo, Sweden
8. Andres Diez, BB Finance, Chief Risk Officer (CRO) at Santander Consumer Bank – Nordics, Oslo Area, Norway
9. Ruben Illera, BSc International Marketing, Community Manager at Bustravel, Iceland

10. Lígia Sell, BA Interior Architecture, Marketing Director at Pixel, Brazil
11. Brendan Curran, BB Business, Director of Service Delivery with Ten Lifestyle Group, South Africa
12. Martin Gallagher, BB Business Studies, Head of Public Diplomacy and Humanitarian Affairs, the UN, New York
13. Claire Muldrew Kiely, BA Architectural Design RIBA part 1, Designer at MenaAt Work Design Build, Toronto, Canada
14. Tanya Herarty, BSc Medical Biotechnology, Biotechnologist at Lonza, London UK
15. Tara O Malley, BSc Biomedical Science, Analytical Chemist with Astra Zeneca in Australia
16. Colm Hamrogue, BB Business, Group General Manager for Transport, HW Richardson Group, New Zealand
17. Luiz Fernando Zago, BB Business, Escalations Specialist, Facebook Ireland Ltd, Dublin
18. Niall Canning, BB Business, Youth Recruitment Officer at Bank of Ireland, Sligo
19. Catalina Zurard, BSc Pharmaceutical Science, Pharmacist, GSK, Argentina
20. Aaron Heavey, BSc Software Development, Business Department Manager at Gartan, Australia
21. Clare Muldrew Kiely, BA Architectural Design RIBA part 1, Designer at MenaAt Work Design Build, Toronto, Canada
22. Christina Egan, BA Early Childhood Care and Education, Centre Director, New Zealand
1. Ligia Sell, BA Interior Architecture, Marketing Director at Pixel, Brazil
2. Tanya Herarty, BSc Medical Biotechnology, Biotechnologist at Lonza, London UK
3. Liam Curran, BB Business, Director of Service Delivery with Ten Lifestyle Group, South Africa
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22. Niall Canning, BB Business, Youth Recruitment Officer at Bank of Ireland, Sligo
Come See 
For Yourself

The best way to experience our fantastic campus is to come and see it for yourself. At our open days you’ll find out all you need to know about life as an IT Sligo student. Chat to staff and students at our course information stands, visit Student Accommodation and tour our academic departments and first class sports facilities.

Find out more about fees and finance, student support and the student experience you can have through IT Sligo Students’ Union. The list of opportunities is endless! Find more information and book your place at www.itsligo.ie/opendays

Campus Tours
Visit us for a tour of our modern campus. Learn about our faculties and all the courses we offer at IT Sligo and get an in-depth insight into the life of a student at IT Sligo. We offer tours throughout the year on the first Friday of every month at 2pm and more regularly in August. For more information, visit www.itsligo.ie/campustours

Get On Campus – Visit Us
Open Days:

Thursday 17 October 2019
– Discover your Options
10am – 2pm

Tuesday 14 January 2020
– Make your Choice
5pm – 8pm

Saturday 4 April 2020
– Be a Student for a Day
10am – 2pm

Other events are arranged throughout the year for secondary school students and teachers e.g. Transition Year Tasters, Subject Specific Workshops, Leaving Cert Subject Revision Courses

Visit for more information www.itsligo.ie/events
Student Life
on Campus
The Sporting Campus of the North West

Sport plays a central role in the life of the Institute for both our students and staff. The Institute’s multi-purpose sports facility – the Knocknarea Arena – is the main sporting hub on campus and the centre point of our sporting success. With fitness suite, gym, sports hall and a viewing balcony overlooking the athletics arena and playing pitches, it also contains a food and beverage canteen. Students, staff and the wider community use and enjoy the Sports facilities at IT Sligo, often within their working day.

**Fitness Suite**

- 32 pieces of cardiovascular and resistance equipment
- Free weights
- Watt bike
- Free fitness consultations
- Personalised exercise programme with a member of our qualified fitness team

**Outdoor Pitches**

- Floodlit championship-standard playing pitches for Gaelic games and soccer
- Three grass playing pitches for GAA, Soccer and Rugby
- 3G Astro pitch used for soccer/GAA training, internal college tournaments and recreational sport
- Sligo GAA, Donegal GAA, Sligo Rovers, Sligo/Leitrim, Sligo Rugby and the Ireland u21 Soccer Team, avail of our facilities
The Sporting Campus of the North West

Outdoor Gymnasium

→ Outdoor gym facilities located along the campus ‘Slí na Sláinte’ (walking trail)

Athletics Arena

→ An international standard floodlit athletics arena with full track and field facilities
→ Eight 8 lane tartan surface championship facility
→ Available for individual use by college student, staff and external community.

Sports Hall

→ Operates as two basketball courts or three full sized badminton courts
→ Each court is available for a range of activities
→ Fitness classes: Pilates, Spinning, Yoga, Abs Blast.
At IT Sligo we invest in our sports people and facilities to facilitate a winning culture in team and individual sport at inter-varsity level in Ireland. We are committed to nurturing emerging talent to achieve maximum potential with €120,000 invested in Institute Sports Clubs and an additional €150,000 available in actual scholarships for students.

If you’re a talented sports athlete, we want to help you reach your sporting potential.

We currently offer the following range of Sports Scholarship programme opportunities.

**IT Sligo Sports Scholarship Programme**

The scheme awards Sports Scholarships at three levels: Gold, Silver and Bronze. The Gold Scholarship Award is worth €1,750. The closing date for scholarship applications is the end of September. You can apply online at [www.itsligo.ie](http://www.itsligo.ie) or email studentservices@itsligo.ie

**Abbvie – IT Sligo Sports Scholarship and Internship Programme**

High achieving students in the sporting arena have an opportunity to realise their professional career ambitions thanks to a unique sports scholarship collaboration between the global biopharmaceutical company, AbbVie, and IT Sligo. The AbbVie Sports Scholarship and Internship Programme aims to nurture the educational, sporting and leadership ambitions of students. Two AbbVie scholarships will be awarded, each worth €2,000. The successful students will also be eligible for a paid internship with AbbVie. For more information including application details, see [www.itsligo.ie/abbvie](http://www.itsligo.ie/abbvie)

**Sligo Rovers – IT Sligo Scholarship**

Sligo Rovers signed football players who meets the entry criteria for study at IT Sligo can be co-funded annually by IT Sligo and Sligo Rovers Football Club. Four fee-Waiver Scholarships are available per year for both male and female players. Scholarship holders will also play for the IT Sligo soccer teams while also being signed with (Playing and training) Sligo Rovers
College is more than just a degree, it’s a life experience. At IT Sligo we have invested heavily into our Clubs & Societies, there is a wide range available.

They meet or train during the College week outside of lecture time, often arranging weekend trips away as well as social nights out. In the first few weeks of College, the Student’s Union host a Clubs and Societies Day, where you can sign up to an existing Club or Society or even start your own.

Clubs

IT Sligo has 70 active clubs and societies, one of the largest number in the Institute of Technology sector. They have established a proven track record of sporting success nationally and internationally in athletics, Gaelic football, men’s and women’s soccer, surfing, equestrian, boxing and martial arts.

Our sports clubs have access to the best facilities in the region which are so good that Sligo GAA and Sligo Rovers use our facilities to train.

We place a particular emphasis on having our clubs accessible to all students, regardless of ability. The social aspect of being involved with a sports club is part of the fabric of student life at IT Sligo. Here are just a few examples:

- Basketball
- Badminton
- Boxing
- Cycling
- Dance
- Equestrian
- Surf
- Soccer
- Sub aqua
- Swimming
- Ag caint society
- African society
- Airsoft
- Christian union
- Digital art society
- Environmental society
- Film
- Gaisce
- Gaming
- Gospel choir
- International
- LGBTQ
- Mental health
- Organic farming
- Sinn fein society
- Stones & Bones (Archaeology Society)
- Trad society
- GAA
- Golf
- Kayaking
- Martial Arts
- Motorsport
- Rugby

Societies

For those that want to be part of a team and sport is not their thing, joining a society still gives you the chance to meet new people with similar interests as you. You may choose to continue to pursue an established passion of yours or trying something completely new. You can choose anything from dancing to gaming or Trad music to organic farming.
Sports Scholar Recipients

Individuals who love their sport can mix training and competing with academic life, like the following examples of our Sports Scholar Recipients:

**Karl Lacey**, from Donegal, Sports scholar for GAA. Inter-county Gaelic Footballer for Donegal for 14 seasons with 148 appearances, 2012 GAA Player of the year and All-Ireland winner.

**Finn Mellon**, from Castlegregory, Co Kerry is the Irish Junior Champion and 7th Junior World Champion for Windsurfing.

**Ciara Ginty**, from Geesala in Co Mayo, Sports scholar for boxing, Nine-time Irish boxing champion.

**Cliodhna Moloney**, from Tuam, Co Galway, took up Rugby in her first year at IT Sligo. Plays rugby for Leinster and played for Ireland in 2017 Rugby World Cup.

**Daire Martin**, from Monaghan, competes in the National Strongman competition, Champion of the Super Yoke event (230kg) and is able to pull a 10 Tonne Truck (20,000lbs).

**Dessie Leonard**, from Sligo, Double European Gold Medallist for Kickboxing and previously Senior World Kickboxing Champion.
Shauna Quirke, from Laois, plays for Laois GAA County Team and holds a Leinster Title, 2018.

Kate McKeon, from Sligo is an equestrian scholar, Captain of the Equestrian Intervarsity Team, qualified for the Balmoral National Show and has won numerous 110m classes.

Ronan Oertzen, from Antrim, Irish National Surfing Champion now working in Banking.

Andy Moran is a current inter-country footballer for Mayo. He is the record appearance holder for Mayo and former Player of the year 2017. Andy is a three time Sigerson Cup winner.

Donna Ryder, from Newport, Co Mayo, member of Ireland’s international Racquetball team. 3 gold medals at Europeans, Irish open, Hamburg open, national finalist. Donna splits her time between Ireland and training in Arizona.

Amy Boyle Carr, from Donegal plays with Republic of Ireland Women’s National Soccer Team and Ulster Ladies Junior team, played a number of internationals and has won the title of player of the match on numerous occasions.
The Yeats Library

The Yeats Library is a student centered environment, providing a range of study zones over three floors. There are study rooms available on each floor of the library for group and presentation work and students have access to thousands of print and online journals and books. Other resources available include print maps, archived books and previous undergraduate/postgraduate student dissertations. Multiple sockets are available for students to use their laptops while PC stations are also available for use.

Quiet Zone (Top Level):
A traditional library area for your focused silent study with reference material and formal seating. Students can also access previous undergraduate/postgraduate research dissertations as well as archived books.

Info Zone (Centre Level):
Experienced library staff at the information desk will assist you with research queries. Self service facilities include the Quick Check, networked PCs, photocopying and printing services. Print book collections are available for loan as well as magazines, journals, DVDs and quick guides for referencing and online resources.

Social Learning Zone (Lower Level):
An open plan study area where you have a choice of seating with a variety of flexible workspaces.

IT Services helpdesk also available as well as exhibition space.

Visit our website www.library.itsligo.ie to access resources and support services along with many guides to help you develop your research and learning skills such as academic writing, referencing and study skills. Online learners who may not be able to visit the campus will find the website a useful portal to library services. Resources are available off campus using your IT Sligo login and password. Students also have access to the Yeats library Moodle page containing links to guides offering tips on topics such as academic writing, time management, poster presentations, critical thinking. There is also an online library helpdesk monitored by library staff to provide assistance and support.
Love Your Library

- Architecturally designed
- Evening and Saturday opening hours
- Library staff work with each faculty
- 700 study spaces of various types to facilitate group and individual work
- 13 Seminar and Study Rooms
- Website catalogue and a range of search tools
- 70000 print books
- Access to 100,000 e-books and 40,000 e-journals anywhere in the world
- Collections of specialist materials including Celtic Studies, history and heritage
- Collection of print maps and access to digital mapping from Ordnance Survey
- Inter Library Loans and Document Supply Service
- Guides to referencing and referencing software
- A wide range of subscribed digital resources
- Printing, scanning and photocopying facilities
- Academic Support Centre – offering Maths and English support
- Helpdesk and IT Service Desk

www.library.itsligo.ie
IT Support

- Free high-speed internet connection for all students
- Free Microsoft Office 365 to download to your own devices
- Free unlimited OneDrive cloud storage with access to your data anywhere in the world
- Access to the HEAnet and Campus.ie stores for students – discounted offers on PCs, Macs, tablets, and mobile broadband from various suppliers.
- Free short-term rental of IT equipment for project work, etc.

Academic Writing Centre

Within the Yeats Library, and under the remit of the Centre for the Enhancement of Learning & Teaching (CELT) is the Academic Writing Centre at IT Sligo. In a friendly, informal atmosphere, staff offer free advice and support on all aspects of academic writing. 1:1 or small group appointments available are bookable online. The Academic Writing Centre is not an editing or proof-reading service but can support you in acquiring the skills to complete your assignments. Students of all ages and backgrounds use and benefit from the Academic Writing Centre.

How the Academic Writing Centre can help students includes:

- Getting started with an assignment: plan outline & structure
- The writing process: generating ideas, drafting, revising & editing
- Critical reading and effective note-taking
- Developing an argument and critical thinking
- Reflective writing
- Report writing
- Writing for a literature review
- Successful writing in exams
- Avoiding plagiarism

Check out our webpage for more information: [www.itsligo.ie/writing](http://www.itsligo.ie/writing)

Maths Support Centre

Also under the remit of the Centre for the Enhancement of Learning & Teaching (CELT) is the Maths Support Centre, which is aimed at ALL students (on campus and online) studying maths modules or maths components. It is now well known that many capable students, for a variety of reasons, may find it difficult to achieve the required standards in mathematics to support their degree studies.

Services available for students include:

- Individual student consultation
- Individual tutorial assistance
- Additional tutorial support
- Computer-based tutorials
- Study area
- Access to relevant text material

After induction, all enrolled students (both online and campus students) can avail of a full range of services from individual consultation to tutorial assistance and access to relevant text material. 1:1 or small group appointments sessions are bookable online. You can even submit maths problems for correction.

Check out our webpage at: [www.itsligo.ie/maths](http://www.itsligo.ie/maths)
Student Support – Looking after you

Student Support Services
Our Student Support Services team provides information, advice and support to help you make the transition to third level education and to make the very best of your time at the Institute. It is much easier to do well in your studies if you are happy with everything else going on in your life. Our Student Support Services team is here to ensure that any concerns or worries you may have are dealt with sensitively and confidentially.

If it’s important to you, then it’s important to us. Our staff are friendly, warm and care about your well-being.

Support Services Include:

Administrative Advice and Assistance:
The Admissions Office provides on-going support in areas such as admissions, registration, grants, fees and examinations.

Access Office:
Should you have special learning needs, a disability or any circumstance which might need individual consideration, our Access Office staff will be happy to talk to you.

85% of our students receive a SUSI grant

Careers Office:
Our Careers Office provides career guidance during your time with us and as a graduate.

Chaplaincy:
We offer personal support and advice to students of all faiths and none who come to us. Our pastoral care team is always ready to help.

Counselling:
Our counselling services will help you to embrace positive living and work through any concerns you may have.

Disability Support Service:
Located in the Access Office, our expert Disability Support Services will be on hand to help with assistive technology or other support needs.

Health:
Our Student Health Services are available free of charge during term.

IT Sligo Students’ Union:
ITSSU has three full-time officers and a number of part-time staff to provide ongoing support, guidance and representation. ITSSU works closely with Institute management to ensure that student welfare and facilities are first class. See www.itssu.ie for more details.

Learning Support Tutor:
A learning support tutor who works with the Access Officer is available to assist you if you have special needs such as dyslexia or other specific learning challenges.
See www.itsligo.ie/student-hub for more details.
Access Office Supports

IT Sligo is fully committed to developing and promoting initiatives that seek to counter educational disadvantage. There are a number of strands to our Access Office activities, including:

- Supports for students with a disability or medical condition
- Supports for students from the HEAR (Higher Education Access Route) Programme including a student orientation day, workshops and financial support, if available
- Mature student orientation day and student workshops.

The Student Mentoring Programme

At IT Sligo, we wish to create a welcoming and supportive environment for our first years. To this end, we have developed the Student Mentoring Programme. This programme gives new students the opportunity to create networks between each other and student mentors, who are second and third year students trained for this role.

These mentors help first years access the information they need to begin their studies with confidence. Students are placed in groups on the basis of their programme of study and assigned a mentor. These groups then meet for lunch on assigned days for four weeks in semester one, and one week in semester two, giving everyone the opportunity to chat about their new experiences. Each lunch also features ‘drop-in’ visits from academic and support staff.

Mentors are available to answer basic queries via email, text message or phone call for the duration of the programme. They will give you important information on the supports available to you, and can answer practical questions about timetables, room locations or even just where to buy coffee. If you need further help, they will know where best to direct your query.

One Piece of Advice for First Years

IT Sligo student mentors were asked to give one piece of advice to new first years. Here are some of their responses.

“Participate. Connect. Go for Coffee. Join at least two clubs, even if it’s new to you.”

“Take notes in class, the head can only remember so much.”

“There is plenty of help available, you are never alone. Contact student services if you need some support.”

“Get to know the Library Staff – they are amazing.”

“Don’t worry if things don’t click right away. It takes time to settle. All first years are on the same journey.”

“Definitely attend the Induction sessions before the start of term, you will learn everything you need to know.”

“Make an effort to be sociable, don’t run off after lectures.”
Mature Students – Returning to Study

Returning to education takes courage. Nearly every course offered by IT Sligo has mature students represented in the lecture theatre. A class of students is a dynamic thing. They are teams, connected with each other, and they will work together on projects and assignments. Mature Students bring a whole new range of life experience and skills to that group that everyone benefits from. Mature students are often the driving force in a class, giving encouragement and perspective to younger students.

There is no fear walking through the door on the first day because mature students have a bespoke orientation day before induction to give a heads-up on what to expect before they join the thousands of other new students joining the Institute. The first essay, assignment or report may be a challenge but our Library and Academic Writing centre is there to get you started.

Mature students often have other commitments in life or work, and so time management and efficiency is often at its peak. In the down time the Mature Student Society is just one of the many clubs and groups, students can join.

Students Union

Every student at IT Sligo is automatically a member of the Students’ Union. The IT Sligo Students’ Union (ITSSU) offer a range of services, support, advice, events and opportunities that help students better their time in IT Sligo.

Elected by you, the ITSSU sit on the Institute committees and speak on the students behalf to the President of IT Sligo and their Executive Team.

They work with students in the following ways:

➤ Help you find accommodation
➤ Support you in setting up a new club or society
➤ Arrange all the major student events on campus – Freshers Week; RAG Week; Day out at the Races; Graduation Ball as well as a long list of other events throughout the academic year
➤ Support your physical, sexual and mental health
➤ Campaign on issues that are important to you at a national level with the Students Union of Ireland (SUI)
➤ Help you with any issue that is affecting you at as an IT Sligo student

They have a dedicated space in the Student Services Building with hang out space, place to charge your phone and socialise. They operate a Students Union shop for all your stationary, snacks, phone top up and health products. A visit to the Students Union is a must if you are new to Sligo and want to make friends.
By Air
Knock (Ireland West) Airport is a 40 minute drive from campus. It has regular flights to and from London, Liverpool, Manchester, Birmingham, Bristol as well as mainland Europe (Germany, Spain and Italy). Bus Eireann operates an Expressway bus service (route 64) from the airport to Sligo town. www.irelandwestairport.com

Dublin International Airport is slightly more than two hours drive from Sligo town and is well serviced by rail and bus connections. www.dublinairport.com

City of Derry Airport is an hour and 40 minute’s drive from Sligo. London, Manchester, Glasgow, Edinburgh.

By Train
Sligo Train station is a 10 minute walk from campus and it’s surrounding Student Accommodation. Sligo is 2.5 hours from Dublin by train with direct daily services to and from the following stations – Lexlip - Maynooth – Johnstown Bridge - Mullingar – Longford – Drumod – Carrick on Shannon – Boyle – Sligo. www.irishrail.ie

By Car
Sligo is well serviced by a network of motorways and national primary roads from Dublin, Belfast, Derry, Donegal, Mayo, Galway and all surrounding counties. IT Sligo has 800 free parking spaces for students cars on campus, as well as a visitor car park. Purpose built student accommodation includes car parking spaces in its tenancy.

800 Student parking spaces on campus

By Bus
Bus Eireann
Bus Eireann operates a number of routes from around Ireland with direct services to Sligo Bus Station e.g. County Sligo, Enniskillen, Donegal, Leitrim, Monaghan, Athlone, Longford, Roscommon, Galway and Mayo. Some routes stop at IT Sligo campus. www.buseireann.ie

Fully wheelchair accessible bus from Derry to IT Sligo campus every day, servicing Letterkenny, Ballybofey, Donegal, Ballyshannon and Sligo. The S1 and S2 Sligo Town Bus Services connect IT Sligo with the outskirts of town and villages such as Strandhill and Rosses Point.

Barrett Coaches
Direct Services from Belmullet, Crossmolina, Ballina to IT Sligo campus. www.barrettcoaches.com

Corduff Travel
Direct services from Westport and Castlebar to IT Sligo campus. www.cordufftravel.ie

Feda O’ Donnell
Direct services to Sligo from Galway, Carndonagh, Annagry, Falcaragh, Letterkenny, and all stops en route to IT Sligo campus. www.busfeda.ie

John Staunton Coach Travel
Direct services from Castlebar to IT Sligo Campus.

West Link Coaches
Direct services from Drumshanbo, Donegal, Limerick, Athlone to IT Sligo campus. www.westlinkcoaches.ie

Ulster Bus and Goldline
Direct service from Belfast to Enniskillen to Sligo. www.bustimes.org

Local Link Bus Service
With a bus stop on campus remote villages in county Sligo are accessible to students and staff (Gurteen – Ballymote – IT Sligo) www.locallink.ie
Getting Here

IT Sligo By Bus

Barrett Coaches
→ Belmullet to IT Sligo

Corduff Travel
→ Westport to IT Sligo

Bus Eireann
→ Enniskillen to IT Sligo

Ulster Bus
→ Belfast to Enniskillen to IT Sligo

John Staunton Coach Travel
→ Castletown to IT Sligo

West Link Coaches
→ Cavan to IT Sligo
→ Athlone to IT Sligo
→ Limerick to IT Sligo
→ Drumshanbo to IT Sligo

Bus Feda
→ Carndonagh to IT Sligo
→ Annagry to IT Sligo
→ Galway to IT Sligo

IT SLIGO

Belmullet
Westport
Castlebar
Limerick
Galoay
Tuam
Derry

corumagh
Monaghan
Cavan
Ballina

Donegal

Belfast

Dublin

2.5 hours from Dublin by Rail
Living in student accommodation is a great way to make new friends and settle in quickly to college life. Sligo has a plentiful supply of accommodation in the town and seven student residences for students within walking distance of our main campus.

**Digs Accommodation**

This option can be popular amongst first year College students moving away from home for the first time. The student lives with a local family in their family home.

Check out the IT Sligo Students Union (ITSSU) website [www.itssu.ie/rent/digs](http://www.itssu.ie/rent/digs) for a listing of current landlords offering Digs Accommodation.

**House Share**

Current IT Sligo Students who have taken on the lease of a property and have a spare room to rent regularly advertise to other students. It is important to establish what (if any) bills (TV License, Utilities) are included.

Students advertise these rooms on the IT Sligo Students Union (ITSSU) website [www.itssu.ie/rent/house-share](http://www.itssu.ie/rent/house-share)

**Privately rented accommodation**

The local area surrounding the Institute has a good selection of private rented houses and apartments from private landlords.

Landlords advertise on [www.itssu.ie/rent/self-catering](http://www.itssu.ie/rent/self-catering) and [www.daft.ie](http://www.daft.ie)

IT Sligo has a bus stop on campus serviced by Bus Eireann S1 and S2 routes for easy access to/from Sligo Town, Strandhill and Rosses Point and all stops in between.
Student Accommodation Options

Student Villages
There are seven purpose built Student Villages beside IT Sligo, all self-catering and a short walk from the campus.

You Don’t Have To Cook:
Many students never cook and choose to eat on campus in one of the cafes and restaurants, which offer a good selection of healthy and economical options.

Weekly Supermarket Bus:
The IT Sligo Students Union organize a bus every Monday evening from campus to a local budget Supermarket for Students to do their weekly shop.

The Clarion Student Village
The Village Clarion Road, Clarion Road, Ballytivnan, Sligo
T: 071 9129002
E: info@thevillageclarion.com
W: www.thevillageclarion.com

The Grove Student Village
The Grove, Block 8, Clarion Road, Co. Sligo
T: 071 – 9144858
E: info@thegrovesligo.ie
W: www.thegrovesligo.ie

Benbulben Suite
T: 071 9199248
E: info@benbulbubencourt.ie
W: www.benbulbencourt.ie

Milligan Court Apartments and Townhouses
Milligan Court, Connaughton Road, Sligo
T: 071-9146754
E: info@milligancourt.ie
W: www.milligancourt.ie

The Yeats Student Village
Yeats Village Sligo, Ballinde, Co Sligo
T: 071-9138551
E: info@yeatsvillage.net
W: www.yeatsvillage.net

Gateway Apartments
Gateway Apartments, Ballinode, Sligo
T: 071 9145618
E: info@gatewayapartments.ie
W: www.gatewayapartments.ie

Ard Nua Village
Ard Nua has two separate management companies taking bookings for its accommodation.

Management Company 1:
T: 071-9199888
E: info@ardnua.com
W: www.ardnua.com

Management Company 2:
T: 071-9300500
E: info@ardnua.ie
W: www.ardnua.ie
Sligo – Your new home

Sligo is one of the best places in Ireland to be a student. Sligo can compete with larger urban areas because of its range of high street shops, cafés and restaurants, it is a hub for arts and culture in the Northwest, with concerts, theatre and galleries for you to enjoy throughout your time here.

These also act as employers offering students the chance to work or get valuable experience. Home to artists, writers, digital creators and filmmakers, and exciting new enterprises in technology, food tourism and outdoor pursuits, Sligo is thriving.

→ High Street Shopping
→ Café Culture
→ Great Night Life
→ Wide Sporting Options
→ Water Adventures
→ Historical Interests
→ Yeats Connections

The big advantage? It is not a huge anonymous space. The campus has a community feel and is nestled on the edge of town, and 8 minute walk from the train/bus station.

Beyond the contemporary European feel to the town, a short drive brings you to a number of magnificent beaches that have made Sligo one of the most popular surfing destinations in the world – check out Mullaghmore for Stand Up Paddling, Streegagh or Standhill for Surfing, Rosses Point for swimming.

Sligo Town has held a Purple Flag since 2015 - an award for reaching a standard of excellence in the evening and night time economy. Sligo offers a diverse cultural offering that is non-alcohol dependent, safe and vibrant.

It’s historical connection to W.B. Yeats, brings with it an international cultural following.

The cost of living is more affordable than many of Ireland’s other college towns and cities, makes Sligo the perfect place for the next step in your life and education.

Average Monthly Accommodation

<table>
<thead>
<tr>
<th>Location</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dublin</td>
<td>€575</td>
</tr>
<tr>
<td>Galway</td>
<td>€420</td>
</tr>
<tr>
<td>Sligo</td>
<td>€320</td>
</tr>
</tbody>
</table>

IT Sligo Prospectus 2020
“Obtaining my first job posting after completing my degree in IT Sligo was instrumental to my later successes. I arrived to the interview prepared with my portfolio in hand, packed with case studies, marketing analysis and project work. I could clearly illustrate my understanding and knowledge of real business challenges coming fresh out the door from IT Sligo.”

“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 from those early days to now.”

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“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 from those early days to now.”

“I loved all the events organized as part of the course, Waterpolo, Sports day, volleyball. A brilliant way to get know your class, year groups above and below and also form more approachable relationships with your lecturers.”

“The presentations within every module of the course were a massive help to me. It allowed me to speak in front of large groups while keeping them interested, while also sharing the important information gathered by the project. After completing my Honours Degree, I moved to Liverpool to further my education. I enrolled into an Master in Psychology in Liverpool Hope University. I enjoy being a Mental performance consultant for Aspire Combat Sports Academy in Liverpool.”

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Faculty of Business and Social Sciences

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Department of Social Sciences 84

“The faculty offers a wide range of programmes at undergraduate and postgraduate level, designed to deliver the specific professional skills required to succeed. The recently opened Constance Markievicz building provides an excellent learning environment supporting collaborative working.”

Dr. Michael Barrett,
Head of Faculty of Business and Social Sciences
Head of Department: Marie Moran

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Level</th>
<th>Page</th>
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<tbody>
<tr>
<td>SG146</td>
<td>BA (Hons) in Accounting</td>
<td>L8</td>
<td>66</td>
</tr>
<tr>
<td>SG108</td>
<td>Higher Certificate in Accounting</td>
<td>L6</td>
<td>67</td>
</tr>
<tr>
<td>SG141</td>
<td>BB (Hons) in Business</td>
<td>L8</td>
<td>68</td>
</tr>
<tr>
<td>SG536</td>
<td>BB in Business</td>
<td>L7</td>
<td>69</td>
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<tr>
<td>SG101</td>
<td>Higher Certificate in Business</td>
<td>L6</td>
<td>69</td>
</tr>
<tr>
<td>SG535</td>
<td>BB in Business Administration</td>
<td>L7</td>
<td>70</td>
</tr>
<tr>
<td>SG149</td>
<td>BB (Hons) in Finance and Investment</td>
<td>L8</td>
<td>71</td>
</tr>
<tr>
<td>SG105</td>
<td>Higher Certificate in Office Administration</td>
<td>L6</td>
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</tr>
</tbody>
</table>
Add-On Courses in the Department of Business

**Bachelor of Business in Accounting**
Eligible students can progress to the add-on Degree course in Accounting.

*Award / Level:* Ordinary Degree (Level 7)
*Duration:* 1 Year (add-on)

*Minimum Entry Requirements:*
In addition to a Higher Certificate in Business (or cognate area), students must demonstrate a competence in accounting.

*Number of Course Places:* 30

**Bachelor of Business (Hons)**
Eligible students can progress to the add-on Degree course in Business.

*Award / Level:* Ordinary Degree (Level 8)
*Duration:* 1 Year (add-on)

*Minimum Entry Requirements:*
Bachelor of Business (Level 7) in a cognate business area.

*Number of Course Places:* 150

**Bachelor of Business**
Eligible students can progress to the add-on Degree course in Business.

*Award / Level:* Ordinary Degree (Level 7)
*Duration:* 1 Year (add-on)

*Minimum Entry Requirements:*
A Higher Certificate in Business (or cognate area).

*Number of Course Places:* 30

Please visit [www.itsligo.ie](http://www.itsligo.ie) for more information about Add-on courses

All Add-on courses are one year in Duration (except where stated)
Bachelor of Arts

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.

Year Three: In the third and final year, students study more advanced accounting topics with a focus on financial management and strategic thinking.

Special Features:
On completion of the three-year programme, graduates are exempt from all CAP1 examinations with Chartered Accountants Ireland; 3 applied knowledge and 6 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.

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 Diploma in Education – PDE) or lecturing (add-on master’s required).

Graduates progress to postgraduate study, teacher training for second level business teaching or professional qualifications in accounting or financial services.

Quick Tip:
Leaving Certificate students will need a minimum of two C3’s at higher level. Students who did not study Accounting at Leaving Certificate level can apply, as Beginners Accounting is taught in the programme. Mature applicants will be interviewed and assessed on an individual basis.

Success Story:
Tara Jayne Wade changed her mind from business to accounting. After her three year honours degree she secured a training contract with an accountancy practice before graduation. Read the full story at www.itsligo.ie/TaraJayne

Professional Accreditation and Exemptions:

Award:
Honours Degree (Level 8)
CAO points: 318
CAO Code: SG146
Duration: 3 Years
Number of Places: 30
Work placement: Yes
Professional Accreditation: Yes

www.itsligo.ie/SG146
Higher Certificate in Business Accounting

Programme Description: This two-year programme is delivered through a combination of lectures, tutorials, case studies, problem-based learning and computer laboratory work. Students are given the skills and competencies to carry out day-to-day practical work in accounting and to play a key role in producing reliable financial information. Students will develop a detailed understanding of accounting and will be given the opportunity to put their new-found skills into practice with practical group and individual projects.

Special Features:
This programme covers Introductory Level Accounting so there is no requirement to have previously studied accounting or business subjects.

Graduate Destinations:
Highly varied opportunities exist in private industry and in the public service. Graduates may progress to the add-on Level 7 Ordinary Degree in Accounting followed by a further one-year Level 8 Honours Degree in Accounting.
Alternatively, graduates may progress to Business or Marketing level 7 Ordinary Degrees.

Programme Overview:
Over the two-year programme, students undertake five mandatory and one elective module during each semester, including a language and a politics option.

Year One: In the first year, students are given 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: Students then advance to more challenging levels in the core business areas: Accounting, Business Management, and Information Technology. Knowledge and understanding of key business disciplines is broadened with the introduction of Business Law, Economics, Management Accounting and Enterprise Development, allowing the student to develop an entrepreneurial spirit along with their accounting knowledge.

Graduate Destinations:
Highly varied opportunities exist in private industry and in the public service. Graduates may progress to the add-on Level 7 Ordinary Degree in Accounting followed by a further one-year Level 8 Honours Degree in Accounting.
Alternatively, graduates may progress to Business or Marketing level 7 Ordinary Degrees.

Special Features:
This programme covers Introductory Level Accounting so there is no requirement to have previously studied accounting or business subjects.

Graduate Destinations:
Highly varied opportunities exist in private industry and in the public service. Graduates may progress to the add-on Level 7 Ordinary Degree in Accounting followed by a further one-year Level 8 Honours Degree in Accounting.
Alternatively, graduates may progress to Business or Marketing level 7 Ordinary Degrees.

Professional Accreditation and Exemptions:

- Proficiency 1 examinations with The Institute of Chartered Accountants Ireland (CAI)
- Applied Knowledge and Applied Skills examinations with The Association of Chartered Certified Accountants (ACCA)
- Formation 1 & 2 and Professional 1 examinations with The Institute of Certified Public Accountants Ireland (CPA)
- Certificate and Operational Level examinations (except for the Operational Case Study Exam) with The Chartered Institute of Management Accountants (CIMA)
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 really 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. Students acquire skills in marketing, financial management, computer applications, human resource management (HRM), business operations management, entrepreneurship, communications and negotiations.

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.
Bachelor of Business
Higher Certificate in 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. Individual and group projects are an integral part of the programme. Guest speakers provide students with an understanding of business practice in a variety of organisational settings.

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 practical’s 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.

Student Story:
Niall Canning, is a champion Charolais breeder and after graduation became a Youth Recruitment Officer at Bank of Ireland. Read the full story at www.itsligo.ie/Niall
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.
Award:
Honours Degree (Level 8)
CAO points: 272
CAO Code: SG149
Duration: 4 Years
Number of Places: 25
Work placement: Yes
Erasmus+: Yes
Professional Accreditation: Yes

www.itsligo.ie/SG149

Bachelor of Business (Honours)
Finance and Investment

Programme Description: Financial Services is one of the most vibrant sectors in the Irish economy. With over 35,000 people employed in the industry, there remains an ongoing shortage of suitably skilled employees. This programme prepares the graduate for a variety of roles throughout the sector; in funds, insurance, banking and accounting. By offering a broad range of subjects from finance to business and marketing the student is getting to explore different career options, while learning adaptable skills that could see them succeed in any business environment.

Quick Tip:
Leaving Certificate students applying should have a minimum of 6 passes to include Mathematics and English or Irish and at least two HC3’s or above.

Professional Accreditation and Exemptions:

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 Organisations, including the Financial Services Sector.

Year Two: Students explore core business areas in greater depth. Student knowledge and understanding of key business disciplines is broadened with the introduction of Business Law, Economics, Financial Markets, Management Accounting and Enterprise Development.

Year Three: Students have the option of either undertaking a work placement of up to seven months or a semester studying abroad. Students also study Compliance and Regulation in the sector in this year.

Year Four: Students will specialise in finance, with a particular focus on Financial Management, Risk, Investments, Strategy, and Insurance. A range of elective modules are also offered.

Special Features:
This programme gives students two exemptions from the CAP 1 examinations of the CAI, as well as exemptions for Insurance Institute of Ireland examinations.

Graduate Destinations:
Graduates pursue careers in a variety of areas, including accountancy, insurance, stockbroking, financial services, financial analysis and advice and funds management. Graduates may progress to postgraduate study, teacher training for second level business teaching, or study for professional qualifications in accounting, banking, insurance or risk management.
Programme Description: Offering a practical and thorough study of office administration, this programme focuses on the IT and business side of the sector. Students explore Business Management and Law, Finance for Business and the challenges of working as part of a team. We focus on practical laboratory classes, case studies and problem-based learning, which allows the students to interact and promotes critical thinking to the modules.

Over the two-year programme, students undertake five mandatory modules and one elective module during each semester, including a language and a politics option. This is a great way for students to explore Office Administration as a career choice, allowing them to progress onto higher level degree courses in IT Sligo.

Programme Overview:
Year One: 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: In second year, students study core business areas at a more advanced level, with modules and practical’s in Accounting, Business Management, and Information Technology.

Students who complete the programme may progress to study a third year to gain a level 7 qualification: 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 the public and private sector, where they may take up clerical and administrative roles, work as financial assistants, bank officials, business managers, office managers or in a variety of customer care roles.

Thanks to the broad and diverse range of modules on offer, graduates may progress to a variety of business or marketing degree courses at IT Sligo or at other higher education Institutions.

Award:
Higher Certificate (Level 6)
CAO points: 236
CAO Code: SG105
Duration: 2 Years
Number of Places: 30

www.itsligo.ie/SG105
“I found the BA Accounting to be an extremely interesting course. It has the maximum exemptions for all professional exams, more than any other similar course in Ireland”

Tara
BA Accounting – Year 3
### Department of Marketing, Tourism and Sport

**Head of Department:** John Kelleher

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Description</th>
<th>Level</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG134</td>
<td>BB in Applied Sport with Business</td>
<td>L7</td>
<td>76</td>
</tr>
<tr>
<td>SG142</td>
<td>BB (Hons) in International Marketing and Sales with French</td>
<td>L8</td>
<td>77</td>
</tr>
<tr>
<td>SG144</td>
<td>BB (Hons) in International Marketing and Sales with Spanish</td>
<td>L8</td>
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<tr>
<td>SG537</td>
<td>BB in Marketing and Sales</td>
<td>L7</td>
<td>78</td>
</tr>
<tr>
<td>SG147</td>
<td>BB (Hons) in Sport with Business</td>
<td>L8</td>
<td>80</td>
</tr>
<tr>
<td>SG148</td>
<td>BB (Hons) in Tourism with Event Management</td>
<td>L8</td>
<td>81</td>
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<tr>
<td>SG135</td>
<td>BB in Tourism with Event Management</td>
<td>L7</td>
<td>81</td>
</tr>
</tbody>
</table>
Add-On Courses in the Department of Marketing, Tourism and Sport

Bachelor of Business (Hons) for Marketing, Tourism & Sport (Add on)

Today’s business environment is very dynamic and challenging. The Bachelor of Business L8 (Add On) programme is designed to ensure that graduates have the capabilities, confidence and skills to enable them to competently hold positions in the specialisms of their choosing when they graduate. Another unique feature of this programme is that the learner may customise their choice of modules on an individual basis.

**Award / Level:** Honours Degree (Level 8)
**Duration:** 1 Year (add on)
**Minimum Entry Requirements:**
L7 Ordinary Degree in Applied Sport with Business
**Number of Course Places:** 30

Bachelor of Business in Marketing (Add on)

Eligible students can progress to the one year add on Ordinary Degree in Business.

**Award / Level:** Ordinary Degree (Level 7)
**Duration:** 1 Year (add on)
**Minimum Entry Requirements:**
A Higher Certificate in Marketing or cognate area.
**Number of Course Places:** 30

BB (Honours) in Sport with Business (Add-on)

The Bachelor of Business L8 (Add On) programme is designed to ensure that graduates have the capabilities, confidence and skills to enable them to competently hold positions in the specialisms of their choosing when they graduate. Another unique feature of this programme is that the learner may customise their choice of modules on an individual basis.

**Award / Level:** Honours Degree (Level 8)
**Duration:** 1 Year (add on)
**Minimum Entry Requirements:**
L7 Ordinary Degree in Applied Sport with Business and wish to progress to the L8 (Add On Hons) Degree.
**Number of Course Places:** 30

Please visit [www.itsligo.ie](http://www.itsligo.ie) for more information about Add-on courses

All Add-on courses are one year in Duration (except where stated)
Bachelor of Business

Applied Sport with Business

Programme Description: This programme gives students the opportunity to learn about all aspects of Sports and Recreation while also studying communication, leadership and business 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 participate in community engagement projects, working with children from local schools in various environments from sports coaching to swim training.

Students qualify with a host of industry-recognised coaching qualifications in diverse areas, ensuring the graduate is employment ready. (See special features for more information.)

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 Financial Accounting and Business Technology.

Year Two: In second year, students study Accounting, Marketing, Information Technology, Management and Sports Law. They can acquire a qualification in fitness instruction and study a specialised area such as Coaching Older Adults, Disability Sport or Aquatics. Students can exit after 2 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 Media, Financial Management, Economics, Surfing, Swim Teaching and Sports Nutrition. A 13-week work placement is included in the final semester.

Special Features:

A high focus on practical activity takes place on the programme ranging from swim coaching, surfing, fitness instruction and sports coaching.

You will have the chance to attain valuable national and international qualifications including European-recognised gym instruction and personal training qualifications, lifeguarding, swim instructor and several coaching awards. These qualifications are subject to further testing, please see individual modules on web page.

Irish Water Safety Assistant and Level 2 Swim Teacher Award

Graduate Destinations:

Skilled graduates are in high demand in the rapidly expanding leisure, recreation, and service industry. This includes sports Facility Management, Sports Development, Health Promotion, Personal Training, Coaching and Instruction and Physical Activity. We have also seen many graduates set up their own sports-related business e.g. personal training.

Further study options include one add on year in IT Sligo to complete Level 8 Bachelor of Business: Business, Marketing, Human Resources Management or Sport with Business.

Student Story:

Daire Martin from Monaghan has overcome personal challenges to compete in National Strongman competitions. Read the full story at www.itsligo.ie/Daire

Professional Accreditation and Exemptions:

Irish Water Safety Assistant and Level 2 Swim Teacher Award

www.itsligo.ie/SG134
Bachelor of Business (Honours)
International Marketing with French/Spanish

What is International Marketing? International Marketing or Global Marketing is undertaking marketing activities in more than one country or region, tailoring the marketing needs of the company to the country or region they are in.

Programme Description: This programme equips students with core business skills, focusing on international marketing with a language. The programme caters for those who either already have a knowledge of French, German or Spanish or wish to learn a new language as a beginner.

Small class sizes enable peer learning and direct interaction with lecturing staff, ensuring students get the individual attention they need. The use of topical case studies and field trips off campus help the student to apply the theory learnt in class.

The students chosen language will be taught throughout the programme, with the students then able to put these skills to use in their 3rd year studying with a partner institution abroad. This fantastic opportunity gives the students a taste for an international environment and a chance to make industry connections while away.

Programme Overview:
Year One: Students focus on an introduction to core business modules and marketing principles including Customer Care, Market Research and Contemporary Marketing Practice. The student’s chosen language is studied throughout the first year.

Year Two: Core business and marketing knowledge is developed through modules in Business Law, Public Relations and Consumer Buyer Behaviour. Creative skills and language proficiency are developed and integrated across the programme.

Year Three: The third year is spent studying at a European partner Institute allowing students to develop their language skills, engage with new cultures and build international links.

Year Four: Students combine their international experience with business and marketing modules in the final year.

Special Features:
Students may sit an exam to become listed on the Qualified Marketer Register of the Marketing Institute of Ireland.

Graduate Destinations:
Graduates can take up a diverse range of employment opportunities in marketing and sales, communication and media. There is also the option of completing a one-year taught MSc in Marketing or a Masters/PhD by research.

Professional Accreditation:
Bachelor of Business

Marketing and Sales

What is Marketing? There is more to marketing than simply promoting and selling products; it’s about knowing your customers, developing your products/services to fulfil their needs and also maintaining constant communication with them.

Programme Description: The marketing programme offers a blend of business, marketing and sales module, to give students the necessary knowledge and skills that is needed to work in a contemporary marketing environment.

There is focus on work-based projects throughout the programme and a work placement ensures that graduates will be capable of integrating themselves confidently into any workplace.

Students are introduced to a wide range of contemporary marketing disciplines relevant to today’s business environment. The programme allows students to develop the skills to plan, develop, implement and integrate marketing and sales in organisations.

Programme Overview:

Year One: Introduces students to core business and marketing modules such as the Principles of Marketing, Communications, Customer Care and Business Management. Students also are introduced to a variety of sales tools and technologies, including Principles of Sales and Digital Media for Sales. Students also can choose elective modules.

Year Two: Business Law, Consumer Buyer Behaviour and Data Analytics are the focus of second year. Creative skills are developed with Online Sales and Sales Practice and Community Project modules. Students work on their portfolio’s in this year also.

Year Three: The final year sees students take up work placement and manage a sales campaign while continuing their modules in business and selling skills.

Special Features:

Work placement is designed to ensure you and the employer get the most value. In third year, from January to May, marketing students attend work placement for two days per week. The remaining three days are spent on campus where the modules are very practical, meaning that students can apply what they’ve learned in their work placement.

Graduate Destinations:

Skilled marketing and sales graduates are always in high demand both nationally and Internationally. Graduates are employed in a range of positions from Sales Account Manager, Business Development Manager, Marketing Executive, Sales Executive, Marketing Manager and Sales Manager.

Further study options include one add on year in IT Sligo to complete Level 8 Bachelor Business in Marketing. On successful completion of this, a Level 9 Masters in Marketing or Level 10 PhD qualification can be taken in various third level institutions.

Success Story:

Within three years of graduating Susanne Kerins is head of marketing with Cora Systems. To watch Susanne speak about her experiences, go to www.itsligo.ie/Susanne
“Our assignments involved working with companies supporting their marketing needs, giving me real-life experience”

Niall
BB Marketing – Year 3
Bachelor of Business (Honours)

Sport with Business

Programme overview: This programme is the first of its kind in Ireland – a three-year Hons Degree at L8 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, personal training, education, exercise prescription and health for special populations.

Programme Description:

Year One: Students learn core business modules such as Accounting, Marketing, Management and Information Technology. This is coupled with modules on Sports Law and Fitness and Sports Planning. They can obtain a fitness instruction qualification and focus on a specific area of interest – coaching older adults, disability sport or aquatics.

Year Two: The business aspect is mixed with a strong practical element in the second year. Modules include: Enterprise, Digital Media, Economics, Surfing, Swim Teaching and Sports Nutrition. Students complete a 13-week placement in the second semester.

Year Three: The final year sees students focus on their chosen elective modules as well as: Macroeconomics, People Management, Strategic Sports Development and Sports Marketing. Students also complete a supervised research thesis.

Special Features:

This programme offers a large array of opportunities in the sports industry with accreditation from many different organizations.

Graduate Destinations:

A wide range of career opportunities ranging from sports development, health promotion, marketing, management to teaching, coaching and setting up your own business. Thanks to a qualification spanning a diverse range of sports-related modules, the graduate will have the professional skills to work across the sports/fitness/leisure sector.

Graduates can pursue postgraduate studies in Education, Strength and Conditioning, Exercise Physiology and Therapy, Health Promotion, Business Management and Marketing.
Bachelor of Business (Honours)

Tourism with Event Management

What is Tourism? What does a major airline, a surf school, a festival and a hotel all have in common? They are all tourism businesses. As Ireland’s largest indigenous industry, tourism provides the student with a broad platform to build a successful career and opportunities to travel the world.

Programme Description: Globally, tourism is the world’s fastest growing economic sector. International tourist arrivals currently total over 1 billion and Europe receives the most international tourist arrivals, making it a great destination for employment in this sector.

Year Two: Students continue to explore the tourism sector and undertake modules in Ecotourism and Managing Tourism Impacts, whilst also developing their event management, financial accounting skills and choosing an elective. Students are encouraged to take up a work placement overseas, though domestic placements are also facilitated. In the past, students have completed their work placements in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, the UK and Turkey as well as domestically here in Ireland.

Year Three: Students develop their tourism sector knowledge and study Event Management Technology. Their business skills are honed with modules in Entrepreneurship, Financial Management, Law and Health and Safety and their elective choice.

Year Four (Level 8): Students focus on the strategic aspects of the tourism sector and complete a dissertation. Modules include Strategy, Global Tourism, Tourism Event Management and Elective Choice.

Special Features:
In year two, students participate in a 4-month accredited work placement, so students can apply their knowledge and develop their skills in tourism specific environments.

Graduate Destinations:
Graduates work in a range of positions such as festival/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. Graduates also start their own businesses.

Level 7 graduates can progress onto the Bachelor of Business (Level 8) in Tourism and Event Management. A one-year taught MSc in Marketing or a Masters by Research in tourism or a business related topic is available for Level 8 graduates. From there, you may also consider studying for a PhD qualification (Level 10).

As well as this, 1 in 10 jobs globally and 7% of total world exports are tourism related (surpassing oil, automobiles and even food products.)

This programme provides our students with a blend of business, tourism and event management skills that are needed to work in the tourism/events industry. There are weekly site visits to local and national tourism operations and heritage sites. Many opportunities arise throughout the programme to work on real-life projects with local and regional business organisations.

Programme Overview: Year One: Modules include Adventure Tourism, Tourism and Travel Industry, Cultural Tourism, Management, Business Technology and an Introduction to Event Management. Students can also develop their language skills as a non-compulsory elective in French, German and Spanish throughout the programme. There is a choice to start a language or to continue at a post-leaving cert level.

Year Two: Students continue to explore the tourism sector and undertake modules in Ecotourism and Managing Tourism Impacts, whilst also developing their event management, financial accounting skills and choosing an elective. Students are encouraged to take up a work placement overseas, though domestic placements are also facilitated. In the past, students have completed their work placements in the USA, France, Germany, Spain, Greece, Alaska, Hong Kong, the UK and Turkey as well as domestically here in Ireland.

Year Three: Students develop their tourism sector knowledge and study Event Management Technology. Their business skills are honed with modules in Entrepreneurship, Financial Management, Law and Health and Safety and their elective choice.

Year Four (Level 8): Students focus on the strategic aspects of the tourism sector and complete a dissertation. Modules include Strategy, Global Tourism, Tourism Event Management and Elective Choice.

Special Features:
In year two, students participate in a 4-month accredited work placement, so students can apply their knowledge and develop their skills in tourism specific environments.

Graduate Destinations:
Graduates work in a range of positions such as festival/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. Graduates also start their own businesses.

Level 7 graduates can progress onto the Bachelor of Business (Level 8) in Tourism and Event Management. A one-year taught MSc in Marketing or a Masters by Research in tourism or a business related topic is available for Level 8 graduates. From there, you may also consider studying for a PhD qualification (Level 10).
Bachelor of Business

International Marketing for Erasmus

What is International Marketing for Erasmus? This one year programme is aimed at Erasmus students who wish to avail of the opportunity to spend one or two semesters in Ireland. It attracts students from Europe who wish to improve their knowledge of Marketing and the English language. It provides students with a more extensive knowledge of the contrasts and variations in business culture.

Programme Overview:
Electives: International Trade, EU Law, EU and International Affairs, Digital Marketing, Social Media Marketing and Negotiation Principles.

Special Features:
A considerable number of day trips to business and government agencies. Semester 1 offers an opportunity to participate in an EU simulation game. The particular nature of the programme lends itself to a close alumni ethos providing a wealth of connections both in Ireland and internationally for the graduate.

Graduate Destinations:
This programme gives students sufficient competence to undertake further studies through English in their own countries and in other European countries.

A number of International Marketing graduates remain in the region and have established successful businesses. Skilled marketeers with English language competence are in high demand internationally.

Situated on the Wild Atlantic Way, IT Sligo is attractive to students who wish to further their studies in an area of natural beauty with access to water sports, hill walking, horse riding and other outdoor pursuits.

Programme Description:
This programme is offered in co-operation with partner institutions in non-English speaking countries. The programme offers students a blend of Marketing subjects with wider Business subjects that have an International flavour. English language tuition is an integral part of the programme providing students with the necessary vocabulary to communicate effectively and confidently in a wide range of business situations and with grammar classes to develop language precision.
Department of Social Sciences

Head of Department: Breda McTaggart

Courses

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Faculty of Business and Social Sciences

Student Story:

"My favourite part of the course was the two work placements. In second year I worked in a pre-school and in third year I was in a county childcare committee. My favourite module was where I got to deliver training to my colleagues, this is something I do regularly in my job so it was brilliant to have first-hand experience of this as a student."

Nancy Healy, Graduate of BA Early Childhood Care and Education

Special Features:

This programmes benefits for a state of the art early years skills Laboratory, outdoor learning spaces and two creative practice spaces. Students undertake many of site learning experience locally and nationally

Graduate Destinations:

Graduates have diverse and progressive careers, they gain employment crèches, nurseries, playgroups and pre-schools, and in a variety of agencies, government programmes and non-government organisations. Postgraduate opportunities include a one-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.

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, education, social policy and law. The aim of the course is to deliver the skills required to improve life outcomes and opportunities for children.

In year one, students cover policy, sociology, education, care, creative practice, law and psychology.

Each subject area are 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. There is also the option of completing a final year research project or dissertation.

What is Early Childhood Care and Education? This is the study of how education and care influence a child’s life and how improving these areas can have a positive effect on the child.

Programme Description:

This programme 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.

Student Story:

"My favourite part of the course was the two work placements. In second year I worked in a pre-school and in third year I was in a county childcare committee. My favourite module was where I got to deliver training to my colleagues, this is something I do regularly in my job so it was brilliant to have first-hand experience of this as a student."

Nancy Healy, Graduate of BA Early Childhood Care and Education
Programme Description: This programme integrates English and Psychology to create a unique and versatile degree that allows the graduate to explore a plethora 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, you will broaden your understanding of human nature as you develop critical understanding of psychological thinking and research about human development, personality, cognitive functioning and mental health.

In the English strand, you will explore literary and dramatic texts through studying the intellectual and socio-historical contexts of the art works. 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.

Graduate Destinations:
Graduates may apply to the taught MA in Leadership and Advocacy in the Early Years, a Masters/PhD by research at IT Sligo or progress to the Masters in Education (MEd), Psychology Masters or conversion programme at other third level institutions. Employment opportunities exist in communications and media, community development, arts management, research and also in the business and technology sectors.

Student Story:
Watch Harry Stevenson explain why he loves studying English and Psychology at [www.itsligo.ie/Harry](http://www.itsligo.ie/Harry)
Award: Honours Degree (Level 8)
CAO Code: SG243
CAO Points: 301
Duration: 4 Years
Number of Places: 70
Work Placement: Yes

Bachelor of Arts (Honours)
Social Care Practice

What is Social Care Practice? Social Care workers plan and provide care for vulnerable groups in society – people of all ages who are marginalised, disadvantaged or those with special needs.

Programme Description: Social Care Practice is always developing and is a professionally regulated field, along with other care professions. In this 4-year course, students can expect to go beyond the realm of social care and learn how society, social policy, communication, law and psychology all play a part in social care.

Students will be encouraged to take control of their own learning and apply critical thinking into their specific area of interest. Students are asked to complete two 13-week periods professional social care practice placements, allowing them to apply their new skills in the field and emerge as confident, self-aware and professional social care practitioners.

Programme Overview:
Year One: Modules include: Sociology, Creative Practice, Professional Studies, Research-based Study Skills, Introduction to Lifespan Development, Interdisciplinary Care, Social Policy and communicative Practice.
Year Two: Creative practice, Psychology, Social Care and Social Policy, Social Care Practice, Principles of Law, Practice Placement are studied in second year. This allows the student to look at year one’s modules more in-depth.

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 Studies, 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. Students choose from a range of elective modules.

Special Features: Role play is an active learning strategy within the IT Sligo Social Care Practice Programme and is used in teaching, learning and assessment opportunities.

Students are required to take part in this activity as part of the programme.

Graduate Destinations: Past graduates of this programme now work as social care professionals in the public, private and voluntary sectors, with service users that include children, youth, the community and the elderly. Graduates may also progress to Masters programmes in Social Care and Social Justice, Social Work, Social Research Practice, Equality, Counselling and other areas.

Student Story: Watch Louise McCabe Gorman talk about her experience studying Social Care Practice at www.itstligo.ie/Louise
Bachelor of Arts (Honours)

Sociology and Politics

What is Sociology and Politics? Sociology is the study of how humans act in groups or more specifically how we interact as a society. Sociologists will study the behaviour of a number of people in a particular country or region who share similar customs, laws and religious beliefs.

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.

Programme Description:
Taking a unique combination of Sociology and Politics, this programme gives the students an insight into how social and political forces affect our everyday lives and what we can do to change it. 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 place 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 hone in on their specialised areas of interest, completing a research project on a political or sociological topic of their choice.

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

Graduate Destinations:
Graduates can either undertake further study or gain employment/further experience in the area of their choosing. Often graduates progress to the taught MA in Social Care and Social Justice or a research Masters/PhD in IT Sligo. Other Master programmes such as the Masters in Education, Masters in Social Justice, Masters in Politics or Masters in Equality Studies are available from other institutions.

Career wise, 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.

Student Story:
Seamus Bannan completed his work placement in second year in the European Parliament by accompanying MEP Marion Harkin. Watch Seamus describe all he loves about Sociology and Politics at www.itsligo.ie/Seamus
“The subjects complement each other in ways I hadn’t expected. The psychology helps you analyse the literature, the English provides you with a solid writing ethic”

Harry
BA English and Psychology
“I learned and developed a variety of skills throughout my course that gave me the expertise to function within industry. Problem solving, technical skills, the ability to work under pressure, perseverance and determination are all key skills I learned that are required within any engineering discipline.”

“IT Sligo is a fantastic supportive college and I would highly recommend it to anyone, not just for the knowledge and technical skills that they will gain but also for the experience.”

Karen Byrne completed the Level 7 in Electronic Engineering in 2016 and now works as a Manufacturing Process Engineer in Abbott Diabetes Care (ADC) in Donegal Town.

Cathal Colreavy completed a Bachelor of Engineering in Civil Engineering at IT Sligo in 2008 and worked as a student Engineer with Sligo County Council and Jennings O’Donovan before moving to Australia in 2012. He completed a PhD in Geotechnical Engineering at the University of Western Australia in 2015 and has since worked as a Geotechnical Engineer with Arup and currently with the Norwegian Geotechnical Institute in Perth.

“The mix of theoretical and practical learning is ideal. In my BEng Civil Engineering at IT Sligo, I learned everything from geotechnics, structures to environmental engineering, as well as project management, communication and team working. In my career now I work in a multidisciplinary team and having the knowledge of all areas of civil engineering, including those outside my expertise, is essential.”
Faculty of Engineering and Design

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“The Faculty of Engineering and Design, produces highly skilled graduates that are at the forefront of innovation in their respective fields. IT Sligo graduates are known by employers for being Innovative, entrepreneurial and highly skilled.”

Úna Parsons,
Head of Faculty of Engineering and Design
### Yeats Academy of Arts, Design and Architecture

**Head of Department:** Emmet O’ Doherty

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Add-On Courses
Yeats Academy of Arts, Design and Architecture

BA (Hons) in Creative Design (Level 8)
Award/Level: Level 8
Duration: 1 Year
Minimum Entry Requirements:
Students wishing to apply for this add on degree must have completed a Level 7 degree in a cognate area.

BA (Hons) in Fine Art
Award/Level: Level 8
Duration: 1 Year
Minimum Entry Requirements:
In order to apply for this add on degree, students must already hold a Level 7 degree in a cognate area.

BA (Hons) in Interior Architecture and Design
Award/Level: Level 8
Duration: 1 Year full time or 2 years on a part time basis
Minimum Entry Requirements:
Students wishing to apply for this add on degree must hold a grade of 50% or higher at Ordinary Degree Level in a relevant discipline e.g. Interior Design or Interior Architecture. Alternatively, prior learning and experience must be demonstrated through a criteria-matched digital portfolio of work and/or interview with portfolio.

Please visit www.it斯ligo.ie for more information about Add-on courses

All Add-on courses are one year in Duration
Bachelor of Architecture (Honours)

Architecture

What is Architecture? Architecture is the art of planning, designing and creating buildings and structures. The ethos of architecture at IT Sligo is a belief in the potential of architecture to transform places. We aim for a strong student-centred and student-led culture and 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.

Programme Description:
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 of and sensitivity to historical, contextual 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.

Year Two: Studio focusses 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:
Royal Institute of the Architects of Ireland (RIAI)
Award:
Honours Degree (Level 8)
Ordinary Degree (Level 7)

CAO Code:
Level 8: SG245
Level 7: SG232

CAO Points:
Level 8: 252
Level 7: 206

Duration: 3/4 Years
Number of Places: 32
Work Placement: Yes
Erasmus+: Yes

L8: www.itsligo.ie/SG245
L7: www.itsligo.ie/SG232

Bachelor of Arts (Honours)
Bachelor of Arts

Creative Design

What is Creative Design? Every product we use has been creatively designed by someone from clothes to cars and computers, the possibilities are endless. Creative design refers to problem-solving by using creative methods, usually applied by designers.

Programme Description: Creative design cultivates the technical and critical skills you need to design products and services that will enhance human abilities and relationships.

Year Three: Year three gives students the opportunity to continue advancing your design skills by entering national and international design competitions and to travel abroad on an international student exchange programme.

Year Four (Level 8): In the final year you will use all the skills you have gained in the previous three years to produce your final project, which will be exhibited to the public in the IT Sligo’s annual Design Showcase.

Special Features:
Graduates have the option of work placement in year three.
Level 8 students have the opportunity to take part in an international student exchange programme.

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 in Creative Design. Level 8 graduates will be eligible to undertake further studies at Masters and PhD level.

Graduate Story:
Jostein Robstad went on to design the AV1 robot with a company called NoIsolation. The AV1 robot is a humanised machine that gives sick children a presence in the classroom. He went on to work on many other exciting projects. Read his full story at www.itsligo.ie/Joestein

This course will appeal to candidates who are problem-solvers looking for an opportunity to shape the world in which they live. Students are provided with an in-depth education in creative design and, from day one, given real opportunities to work with companies and other outside bodies to develop essential, innovative and technical skills. During your time on the Creative Design Course, you will have a number of opportunities to travel to European capital cities to visit museums and design exhibitions.

Programme Overview:


Year Two: Modules include Creative Design, Visual and Material Culture, CAD for Design, Digital Media for Design and Professional Practice (Marketing and Law).

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Programme Overview:


Year Two: Modules include Creative Design, Visual and Material Culture, CAD for Design, Digital Media for Design and Professional Practice (Marketing and Law).
Bachelor of Arts (Honours)
Bachelor of Arts

Fine Art

What is Fine Art? Fine Art is art which is created primarily for aesthetical value. Studying fine art encourages students to develop individual ways of thinking and of expressing themselves in visual and theoretical terms.

Programme Description: 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, 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 1 such as Painting and Printmaking as well as undertaking modules in Drawing, Press molding and slip casting and Sculpture studies.

Year Three: Students 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 teaching, arts administration, arts management, art therapy and exhibition curation.

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.

Applications:

All applicants will be called for interview and a score is given to both the interview (out of 100) and to your 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.

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“It’s challenging, in a good way. I like how open it is to pursue what you want to do creatively”

Hannah
BA Fine Art – Year 4
“The course is more artistic than others. I get to do what I want, it’s free. We’re all designing but it’s your preference - freedom of expression!”

Rachel
BA Interior Architecture & Design – Year 1
Award: Ordinary Degree (Level 7)
CAO Code: SG331
CAO Points: 206
Duration: 3 Years
Number of Places: 20
Work Placement: Yes
Professional Recognition: Yes

**Bachelor of Arts**

**Interior Architecture and Design**

**What is Interior Architecture and Design?** Interior Architecture and Design is a profession that explores new ways to create inspiring interior environments, touching upon other disciplines including furniture design, lighting and exhibition design.

**Programme Description:** This course places the creative response to culture, community and location at the heart of every project.

Interactions with live clients, sites and diverse design projects provide students with real-world design challenges, with a focus on developing versatile, industry-ready skills. Students are motivated to be innovative and progressive trendsetters, inspired by up-to-date knowledge of the design world.

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

**Programme Overview:**


**Year Two:** Students build upon 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).

**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.

**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 1 year or part time over 2 years. Alternatively, level 7 graduates can apply for advanced progression into national and international L8 programs in Interior Architecture, Interior Design and Spatial Design.

**Professional Recognition:**

IT Sligo’s Interior Architecture programmes are the first in Ireland to be recognised by the ECIA (European Council of Interior Architects).

**Student story:**

“I choose this course because compared to other similar courses this was expressed more as an artistic choice. It’s for artists and practical thinkers. It’s a great course to learn new media from physical art (clay/ paint) to the digital world on computers (Photoshop/CAD). I love how free you are with your work. You get a brief and you’re allowed to express that in any way you’d like.”

Rachel Walsh, currently studying on the BA in Interior Architecture and Design.
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. The design strand is linked to the Abbey Theatre, giving students access to rehearsals, technical departments, work placements and backstage. Locally, the course benefits from its relationship with the Blue Raincoat Theatre Company, The Model Arts Centre and the Hawk’s Well Theatre.

Programme overview:

Year One: Modules include Acting, Theatre Design, Voice and Movement, Culture, Performance and Representation, Digital Media, Performance Analysis and Directing, giving 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/Theatre Design and Directing, 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. The graduation projects are in collaboration with a professional director, are presented in the Abbey Theatre (design), and at professional spaces in Dublin, Sligo and Belfast.

Special Features:

Students can take the option to do a 4 to 6 month work placement in year three. This allows them to create industry contacts and gain first-hand experience in their area of expertise.

Graduate Destinations:

Graduates work as actors, designers, teachers, facilitators, and in many related fields for theatre, film and TV, in the performing arts and creative industries.

Graduates can progress to a Professional Diploma in Education – PDE, an MA in Arts or Education, an MPhil in Theatre and Performance, or a PhD.

Student story:

“The best thing about this course is you learn so much both academically and personally. The modules in first year are very varied, no two days are the same. It is a different style of learning, something you cannot learn from any textbook. The course is challenging but very rewarding. The lecturers are a huge support and the number of students on the course is small so everyone knows each other and helps each other along. Performing arts is a course where your confidence will increase without you realising it while learning skills that are transferrable for many work places.”

Stacey Flaherty, currently studying on the BA (Hons) in Performing Arts
Bachelor of Arts

Performing Arts (Acting)

Programme Description: This course is designed to provide 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 the Institute’s Black Box theatre. Students are introduced to the main acting genres, learning vocal and movement skills and characterisation. Cultural and Performance Studies will connect students with cultural and historical backgrounds.

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 will be 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. Students engage in a variety of performance contexts outside of the Institute in cultural/performance studies. Students explore postmodernism, gender theory, post-dramatic performance and post-colonialism.

Graduate Destinations:
IT Sligo graduates pursue careers in acting, directing, facilitation, production and education. Our graduates have also become playwrights and have founded theatre companies. Others chose to progress to a BA (Hons) in Performing Arts at IT Sligo, with further study leading to an MA or PhD in the discipline.

Award:
Ordinary Degree (Level 7)
CAO Code: SG236
CAO Points: 224
Duration: 3 Years
Number of Places: 24

www.itsligo.ie/SG236
Bachelor of Arts

Performing Arts (Theatre Design)

What is Theatre Design? Theatre design is also known as stage, set or production design. It involves the creation of theatrical, film or television scenery. 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 and scenery that support the overall artistic goals of the production.

Programme Description:
This course prepares graduates for work in the expanding stage and screen industries. 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, incl. the Blue Raincoat Theatre Company, Model Arts Centre and the Hawk’s Well Theatre. Our unique partnership with the Abbey Theatre 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 e.g. 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 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 realisation 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 on this programme can apply for a six month Yeats Design Residency at the Abbey Theatre.

Graduate destinations:
Graduates pursue careers in design, direction and production in theatre, film, TV and radio. They also work in education. Other choose to progress onto a BA (Hons) in Performing Arts at IT Sligo, with further study leading to an MA or PhD in the discipline.

Graduate Story:
“My qualification has given me the opportunity to build great connections with many other people working in the Arts. I gained priceless skills which I have used to build and maintain my theatre company.”

Treasa Nealon
Theatre Maker/Actor,
BA (Hons) Performing Arts, 2014, Rabbit’s Riot Theatre Company
Bachelor of Arts (Honours)

Writing and Literature

Programme Description: This programme focuses on developing writing skills and giving students an insight into literary and dramatic texts in fiction, non-fiction, poetry, screenwriting, playwriting, flash fiction, cultural journalism and other forms of writing. Coursework is anchored by a detailed study, not only in English literature but also drama and film. The programme is delivered through interactive workshops, seminars and field trips. Visiting lecturers will include novelists, poets, screenwriters, playwrights, bloggers, journalists, editors, agents and publishers.

Students will develop a portfolio of writing and will work on a diverse range of creative projects, including film and performance collaborating with other students from the creative programmes. We aim to expose students to different forms of literature and create the space for freedom of expression, allowing the student to graduation with a diverse, extensive portfolio and a clear writing and literary voice.

Programme Overview:

Year One: Students are given a foundation in literature, drama and writing practice, including digital media. Some modules are shared with the BA in Performing Arts and students will attend theatre and other live performances. The writing and practice modules focus on writing basics and short form writing.

Year Two: Explores film, video production and screenwriting, and explore the major literary and cultural movements of the 20th century and their impact on the development of narrative forms.

Year Three: In the final year, students focus on professional practice and building a portfolio of work. They also look at the contemporary Irish literary and publishing scene through the module’s contemporary Irish theatre, writing and publishing.

Graduate Destinations:

Graduates work as writers or may pursue careers in publishing, public relations, arts management, communication, film and television, the theatre, marketing, cultural tourism and event promotion, journalism, speech- writing and education.

Graduates will be eligible to progress to a number of postgraduate degrees in Ireland and abroad, including MAs in Creative Writing, Journalism, English Literature, Drama and Theatre Studies, and Publishing.

Professional Accreditation:

This programme is also aligned to Teaching Council requirements for English at second level. Graduates can progress to a Masters in Education to teach English at secondary level.
Department of Computing and Electronic Engineering

Head of Department: Diane O’ Brien

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### BEng (Hons) in Electronic and Computer Engineering

**Award/Level:** Level 8  
**Duration:** 1 Year  
**Minimum Entry Requirements:**  
Students must obtain a grade of 50% or higher at Ordinary Degree Level in Electronic Engineering or a related discipline. Applicants with other qualifications and/or relevant industrial experience will also be considered.

### BSc (Hons) in Software Development

**Award/Level:** Level 8  
**Duration:** 1 Year  
**Minimum Entry Requirements:**  
Students who have successfully completed the Ordinary Degree (Level 7) in Software Development are invited to progress to this fourth year of study on the BSc (Hons) in Software Development. Applicants with other qualifications and/or relevant industrial experience will also be considered.

### BSc (Hons) in Systems and Networking

**Award/Level:** Level 8  
**Duration:** 1 Year  
**Minimum Entry Requirements:**  
This course is offered to students who have completed a BSc in a Computing related discipline. The core subjects are closely aligned with Microsoft and CISCO technologies and certification, enabling the student to learn with the latest tools/technologies and achieve industry-recognised certifications.

Please visit [www.itstligo.ie](http://www.itstligo.ie) for more information about Add-on courses

All Add-on courses are one year in Duration
Bachelor of Arts (Honours)

Application Design and User Experience (UX)

What is Application Design and UX? The process of designing digital products that are useful, easy to use, and delightful to interact with.

Programme Description: Have you ever wondered how successful digital products such as Facebook or YouTube were built and questioned why people love them so much? If so, then this degree is for you, providing you with the know-how to design delightful apps, websites and services by focussing on user experience (UX).

Year One: You will become familiar with the Design Thinking process (educating you to discover user problems) and Personal Development (empowering you to define design intent). You will be introduced to modules such as Web Design Fundamentals, the Internet of Things, Programming, Operating Systems/Networks and Maths (enabling you to make feasible design decisions).

Year Two: You will establish your UX/UI (User Interface) Research, Design & Development credentials (resolving user problems and goals through research/design methods, prototyping and testing), bolstered by complementary modules such as Web Design & Development, Maker Labs, Cloud Computing, Database Technology and Client Side Scripting (empowering you to build great products).

Year Three: You will apply your skills on an industry-led UX/UI Project. Your project and learning outcomes will be supported by complementary modules in User Accessibility, Software Project Management, Content Management and App Development, culminating in your creation of an industry relevant portfolio and CV to secure work experience.

Year Four: You will enhance your UX acumen and seniority through modules such as Augmented UX/UI Design, Cognitive Psychology, Content Strategy and Strategic UX, complemented by the study of Big Data Analysis, Open Stack Development and Cloud Computing Architecture. You will present a portfolio of work at an end of year exhibition at IT Sligo open to employers for recruitment purposes.

Graduate Destinations:
UX Design is the fastest growing design sector globally. Your portfolio will afford you the possibility of entering a career in UX/UI/App/Web/Service or Software Research & Design.

Students who fulfil Level 8 educational requirements may pursue a postgraduate qualification, through research, at Level 9 (MA) or Level 10 (PhD) in UX Design or a cognate discipline at IT Sligo.
Bachelor of Arts (Honours) Bachelor of Arts

Computer Networks and Cloud Infrastructure

What is Computer Networks and Cloud Infrastructure?
This computing course focuses on the infrastructure that powers the movement of data about the internet. Almost every business relies on its Information and Communication Technologies (ICT) network. Ireland hosts much of the world-leading network, telecoms, cloud and data centre companies as well as the emerging Internet of Things space - these together represent the backbone infrastructure upon which networking services are deployed and maintained.

Programme Description:
The student gets the skills, knowledge, and competencies required to begin a career in Information Technology/Computer Networking. The programme enables the learner to work with computer networks and cloud infrastructure in order to design, analyse, survey, configure, install, monitor, secure, evaluate, and troubleshoot network, server and telecommunications configurations. This programme is mapped onto professional industry qualifications, and helps to prepare candidates for immediate employment.

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. Server management, database design, voice and data application, quality of service and network security form the core elements of this programme.

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

Year Two: Students are introduced to Networks and Database Technology and Management. Modules include Linux, Signals and Systems and Server Network Infrastructure.

Year Three: The students complete a six-month work placement in an IT industry. This placement, coupled with a full year group project gives the students valuable practical experience. In the project the students work in teams to build a real-world IT infrastructure consisting of existing and emerging technologies.

Year Four: The emphasis is on the work placement. Our network of employers welcome this course and a successful work placement has often led to a full time job for many of our students.

Special Features:
Over 70% of our computing students go on to gain full time employment following their work placements.

Professional Accreditation:
This course is mapped onto professional industry qualifications in the areas of CompTIA A+, CCNA, CCNA Security, CCNP Routing and Switching.

Graduate Destinations:
Careers include Systems administrator, IT Infrastructure engineer, Network and Cyber security specialist, wireless and voice specialist and systems design engineer.

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 the MSc in Computing.
Bachelor of Science (Honours)
Bachelor of Science
Higher Certificate of Science

Computing

What is Computing? Computers manage, process and communicate information for various purposes.

Programme Description: Smart phones, on-line purchases, information systems all are components of modern life. Even building a car takes as much knowledge about how computing software and hardware work, as it does about mechanics. A degree in computing offers countless employment opportunities both in Ireland and abroad. Recent government reports have highlighted a skills shortage in computing.

This degree in computing allows students to complete a wide variety of computing modules in year 1 and gives them a choice of modules in years two, three and four. There are some mandatory modules and students can also choose between a number of electives in Software, Cloud Computing, and Cyber Security. This will suit students who are interested in computing but want flexibility.

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

Year Three: 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: 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:
Students who sign up to the Honours Degree have the option to exit at the end of Year 2 with a Higher Certificate Level 6 award or at the end of Year 3 with a Bachelor of Science Level 7 award.

Graduate Destinations:
Graduates can work internationally as software developers, software quality assurance personnel, systems engineers, telecoms engineers, database developers and database administrators, commanding high salaries.

Graduate Story:
“Studying computer science is a great way to learn how to solve problems in a logical and innovative way and after doing placement in the industry I’ve realized that IT Sligo has taught me all the skills that will help me throughout my career. It’s amazing to see how much you can do with a single line of code. My final year project was a smart mirror that will show you more than just your reflection.”

Rubab Ramzan, B.A in Computing

Professional Accreditation:
Amazon Web Services
Bachelor of Science (Honours)
Computing (Smart Technologies)

What are Smart Technologies? Smart Technologies can be broken down into three components – Smart Devices e.g. clock radio; Smart Connected devices e.g. smart security camera; Internet of Things devices e.g. Amazon’s Alexa.

Programme Description:
Smart Technologies are shaping our future. Smartphones were only the start, smart cars will self-navigate, smart cities will map out our bus routes and decide where our refuse collection needs to go. Computers have moved out of the office, into your pocket, your car, your home – and they don’t look like computers.

Programme Overview:
Year One: Modules include Introduction to Programming, Internet of Things (IoT), Design Thinking, Computer Systems, Operating Systems and Networks, Web Design Fundamentals, Personal Development and Mathematics.
Year Two: Modules include Linux, Client-Side Scripting, Introduction to Databases, Maker Lab, Signals and Systems, Data Preparation and visualisation, Cloud Computing, IoT System Architecture, Web Programming and Mathematics.
Year Four: Modules include Artificial Intelligence, Strategic Technology Management, Big Data Analytics, Software Defined Networks, Startup Engineering, User Experience, Machine Learning, AWS Academy Cloud Computing Architecture, Operational Technology, IoT Creating Value and Project 400.

Special Features:
Students can also exit at the end of Year 2 with a Higher Certificate Level 6 award or at the end of Year 3 with a Bachelor of Science Level 7 award.

Graduate Destinations:
The career options can be that of a general computing graduate as students acquire all the core skills of programming and networking. However, with the special focus of the programme graduates will attract the attention of companies like Intel and Microsoft who are looking to future markets for their existing products. For example, Intel make the chips that process the data from sensors and Microsoft provide the cloud storage and processing for that same data.

Students as with any Level 8 in computing may progress to a M.Sc. in Computing.
Bachelor of Engineering (Honours)

Electronic and Computer Engineering

What is Electronic and Computer Engineering? Electronic Engineering is an exciting field of engineering with unlimited potential which can be applied to many sectors in order to help shape the future in progressive ways such as connected vehicles, medical devices and smart technologies. A degree in Electronic and Computer Engineering provides the foundations required to help design the future of automotive, medical, information, entertainment, music, communication and renewable energy technology.

Programme Description:
Electronic and Computer Engineering at IT Sligo focuses on Embedded Systems design and development. An "Embedded System" is a combination of electronic or electromechanical hardware and software designed to perform a specific function. Embedded systems form the basis of modern consumer electronics such as mobile phones, automotive electronics, musical equipment and aircraft guidance systems. As well as electronic fundamentals, computer programming for microcontrollers and mobile applications form an integral part of Electronic and Computer Engineering at IT Sligo.

Programme Overview:
Year One: In first year, students are introduced to the fundamentals of Electronic Engineering. They explore the world of Analogue and Digital Electronics, Internet of Things Technology and Computer Programming. Problem solving skills are applied to a series of mini engineering projects.

Year Two: In second year, students study both hardware and software aspects of microprocessor-based embedded systems. Examples of such systems include smart phones, game consoles and Internet of Things applications. A sensor-based microprocessor-controlled project is built, programmed and tested.

Year Three: In third year, students study Digital Signal Processing, Data Communications and Mobile Applications Programming. They are exposed to more design-based thinking and complete a capstone project, which showcases their entire skill set.

Special Features:
Many of the Electronics modules are recorded allowing students to play back the lectures at their own pace and allowing flexibility for learners with external commitments.

Graduate Destinations:
Careers include: Automation, Design, Test, Maintenance, Research, Feasibility studies on new technologies, Further study to level 8.

Professional Accreditation:

www.itsligo.ie/SG337
“It’s great being a student here, the buildings are modern and the student villages accommodation are just a few minutes’ walk away.”

Simran
BSc Computing – Year 1
Bachelor of Science

Games Development

What is Games Development? The process of designing, processing and creating a game usually online. The developer uses a broad range of creative and computer skills to perform this task.

Programme Description: This programme uses a software engineering approach to games development, combining the study of the technical aspects of games programming, including virtual reality, augmented reality and artificial intelligence.

While focused on developing games software, we also provide a general grounding in software engineering to equip you with the 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 will allow students to flex their creativity and gain first-hand experience.

Programme Overview:

Year One: A common first year across computing programmes allows students and lecturers alike to establish where each student’s strengths lie. Games development students diverge from the common year to get access to the 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: In year three you’ll 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. The emphasis is on preparing the student for the workplace through work placement. Our network of employers welcomes this course and a successful work placement is often the door to a full-time job.

Graduate Destinations:

Games development graduates of IT Sligo are prepared for a number of roles within the current development landscape in Ireland and internationally. These roles include gameplay developers, level designers, game designers, tool developers. While focused on developing games software, we also provide a general grounding in software engineering to equip you with the breadth of skills to work in any aspect of the information technology industry.

www.itsligo.ie/SG131
Award:
Honours Degree (Level 8)
Ordinary Degree (Level 7)

CAO Code:
Level 8: SG252
Level 7: SG136

CAO Points:
Level 8: 260
Level 7: 207

Duration: 2-4 Years
Number of Places: 24
Work Placement: Yes
Erasmus+: Yes

Bachelor of Science (Honours)
Bachelor of Science

Software Development

What is Software Development? Software development is the analysis of existing business and societal systems with a view to designing, coding and implementing Information Technology solutions that make businesses more efficient and help to shape societal change.

Programme Description: The emphasis on the programme is in supplying candidates with coding and communication skills to enable them to be productive members of a growing worldwide software technology sector.

Programme Overview:

Year One: Is common across all computing streams. The emphasis is to introduce the student to the variety of computing technologies including fundamentals of Computer Hardware, Micro Controller Programming, an Introduction to Microsoft .NET programming and Mathematics for Computing. Special supports are in place to aid with Mathematics for Computing.


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 and wider community. Subjects studied: Project (with research element), Artificial Intelligence, Strategic Technology Management, Data Analytics, Machine Learning, Advanced Microsoft .NET programming concepts, Software Security, Advanced Database concepts, Startup Engineering.

Special Features:

This degree was the first programme to teach Microsoft .NET technologies. IT Sligo are the only 3rd level Institute in Ireland to have won the Microsoft World Imagine Cup 2011 when we came first from over 350,000 global registrants. The lecturers on the programme are experienced programmers and designers and in many cases are or have been practitioners in the software industry.

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.

Graduate Story:

“My 6 month work placement with Gartan Technologies in Donegal went so well I was offered a permanent role and still work with Gartan ten years later. I’ve been a Junior Developer, Support Developer, Senior Developer and now Business Development manager for our Australian and New Zealand businesses.”

Aaron Heavey,
BSc Software Development Graduate, Business Development Manager Gartan Technologies Sydney, Australia
Head of Department: Trevor McSharry

### Courses

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Add-On Courses in the Department of Civil Engineering and Construction

BEng (Hons) in Civil Engineering

Award/Level: Honours Degree (Level 8)
Duration: 2 Years
Minimum Entry Requirements:
The minimum entry requirements are an average of 55% or above in the award year of the BEng Ordinary Degree plus either 70% or above in the mathematics modules in the award year of the BEng Ordinary degree, or a pass in the special IT Sligo mathematics examination (pre-degree mathematics) held in late August/early September. Further information can be obtained from www.itsligo.ie.

BSc (Hons) in Construction Project Management and Applied Technology

Award/Level: Level 8
Duration: 1 Year full-time or 2 years part-time via online delivery
Minimum Entry Requirements:
The BSc (Hons) in Construction Project Management add-on course is directed at graduates who have obtained a minimum final result of 40% in a cognate Level 7 degree.

BSc (Hons) in Quantity Surveying

Award/Level: Level 8
Duration: 1 Year
Minimum Entry Requirements:
The BSc (Hons) in Quantity Surveying is directed at graduates who have obtained a minimum final result of 50% in a cognate Level 7 degree.

Please visit www.itsligo.ie for more information about Add-on courses

All Add-on courses are one year in Duration (except where stated)
Bachelor of Science

Advanced Wood & Sustainable Building Technology

What is Advanced Wood and Sustainable Building Technology? This is designed to teach students how practical carpentry and construction skills are changing toward low carbon and low energy designs.

Programme Description: The focus of the programme is to create a strong foundation in carpentry and joinery practice and develop skills in sustainable building technologies, methods and materials, including the construction of low-energy buildings and the retrofitting and refurbishment of existing dwellings to achieve a low carbon design.

IT Sligo ensure they 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: Develops 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.

Graduate Story:

“We undertook a vast array of interesting and practical modules, all of which are relevant in my job over the last two years. All modules that I studied, have been relevant in my job over the last two years. 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/ BSc. (Hons) in Construction Project Management, 2015/16 Junior Site Manager and Cad Technician, Grange Construction and Roofing Ltd.

Professional Accreditation:

www.itsligo.ie/SG332
“I changed career from finance. I like that the course is very practical, we get a lot of hours in the workshop. The focus of the course is to give professional knowledge and it is good preparation for specialised work”

Ana
BSc Advanced Wood & Sustainable Building Technology – Year 1
Higher Certificate of Science

Applied Construction Technology

What is Applied Construction Technology? Applied Construction Technology relates to the skills and technical knowledge required to enter the construction industry at technician level.

Programme Description: 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.

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), 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 transferrable skills e.g. report writing, communication and time management, important components of career development.

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 also progress to the Level 7 programme at IT Sligo in BSc. Advanced Wood & Sustainable Building Technology or the Level 8 BSc. (Hons) in Construction Project Management & Applied Technology.

New

Award:
Higher Certificate (Level 6)
CAO Code: SG308
CAO Points:
Published in Aug. 2019
Duration: 2 Years
Number of Places: 32

www.itligo.ie/SG308
**What is Civil Engineering?** Civil Engineering is a specific engineering sector that deals with the design, construction and maintenance of the physical and naturally built world e.g. roads, railways, bridges, canals, etc.

**Programme Description:** The overall focus of the programme is the development of skills in core civil engineering areas, including: structures, geotechnical engineering, materials, hydraulics, highway and transportation engineering and environmental engineering.

**Bachelor of Engineering (Honours) Bachelor of Engineering**

**Civil Engineering**

This is supplemented with modules in: Communication, Information Technology and Project Management.

Civil Engineering is a dynamic industry, which is continuously evolving and changing. The civil engineering programmes at IT Sligo are a unique blend of formal lectures and practical work, enhancing students understanding of the topics by giving them a chance to apply what they learn in a workplace environment.

**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 allowing the student to demonstrate his or her research skills in a specific area of interest.

**Special Features:**

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

**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.

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 higher education Institutions.

**Professional Accreditation:**
Higher Certificate in Science

Construction Economics

What is Construction Economics? 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.

Programme Description:

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 1 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 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 2 also builds on communication skills.

Example of Modules:


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 the BSc in Quantity Surveying (IT Sligo), the final year of the BSc (add-on) in Construction Management (IT Sligo) or to related Level 7 courses at other third-level Institutions.
What is Construction Project Management?

Construction Project Management is a professional field that focuses on each part of the construction process, from cost, scope and timelines, of any built environment.

Programme Description: This programme will blend traditional practical skills including carpentry and joinery, with modern construction approaches, such as Building Information Modelling (BIM) and Lean Construction.

Graduates will develop an appreciation for design/planning on small scale workshop projects right up to Virtual Modelled buildings where collaboration is essential through digital technologies.

This programme integrates applied technology with the use of a state-of-the-art workshop. This will be integrated with lectures where the learner will develop economic, legal, technical, managerial knowledge and skills. You will also have the opportunity to take part in project-orientated group work where real-life problems will be tackled. You will learn how to plan, organise and control construction operations and you will gain knowledge in all stages of the process – from initial feasibility studies through to design, construction, maintenance, refurbishment and demolition.

Programme Overview:


Year Three: Real life practical projects are used to reinforce the theory, culminating in a major practical project combining all course modules.

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:

This programme also has a Level 6 exit award after two years titled Higher Certificate in Applied Construction Technology.

The course is accredited by the Chartered Institute of Building (CIOB) 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.

Graduate Destinations:

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

Graduate Story:

Shane Kennedy is now the Project Manager with Allwood Architectural Joinery. Read his story at www.itsligo.ie/Shane.

Professional Accreditation:

www.itsligo.ie/SG346
Bachelor of Science (Honours) Bachelor of Science

Quantity Surveying

What is Quantity Surveying? The Quantity Surveyor is a member of the design team who 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.

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

Year Three: The core subjects that students will be undertaking in third year of the course include a period of work placement for a minimum of three months, 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 measurement of complex structures and civil engineering works, the application of Building Information Modelling, property development, commercial management, overview of the Public Works Contracts, research methods and the students will undertake a practical Capstone project, whereby a cost planning and value engineering exercise will be carried out on a commercial building. Students will also be required to complete a dissertation on a relevant topic of their choice.

On completion of this programme, graduates will be prepared for the current and future role of the quantity surveying profession. We work very closely with employers, practitioners and professional organisations to ensure that our course reflects the current needs of the work place. 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. Students will also learn and carry out practical exercises in Word Processing, Spreadsheets and Presentation Graphics.

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.

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:

Society of Chartered Surveyors Ireland (SCSI), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

L8: www.itsligo.ie/SG343
L7: www.itsligo.ie/SG339
Department of Mechanical and Manufacturing Engineering

Head of Department:
Xavier Velay

Courses

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Add-On Courses in the Department of Mechanical and Manufacturing Engineering

**BEng (Hons) in Mechanical Engineering**

**Award/Level:** Level 8  
**Duration:** 1 Year  
**Minimum Entry Requirements:**  
Students must obtain a grade of 50% or higher at Ordinary Degree level in Mechanical Engineering or a related discipline. Applicants with other qualifications and/or relevant industrial experience will also be considered.  
**Number of places:** 32

**BEng (Hons) in Precision Engineering and Design**

**Award/Level:** Level 8  
**Duration:** 1 Year  
**Minimum Entry Requirements:**  
Students must obtain a grade of 50% or higher at Ordinary Degree Level in Precision Engineering and Design or a related discipline. Applicants with other qualifications and/or relevant industrial experience will also be considered.

Please visit [www.itsligo.ie](http://www.itsligo.ie) for more information about Add-on courses

All Add-on courses are one year in Duration
Bachelor of Engineering

**Mechanical Engineering**

**What is Mechanical Engineering?** The design and manufacturing of parts and systems that make up the range of machinery and equipment you see around you.

**Programme Description:** Mechanical Engineers have a broad range of skills used in manufacturing and design. Our BEng in Mechanical Engineering is accredited by Engineers Ireland, meaning this qualification is recognised both nationally and internationally.

IT Sligo provides an interactive learning experience, with a strong emphasis on practical, hands-on modules and project work in design and manufacture. Modules are designed and delivered to ensure students are prepared for industry and/or progression to higher level programmes, while also enhancing their leadership and management skills.

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, advanced CNC machines, and one of the most precise 5-axis CNC machines in the world.

**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 year. Students also 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 in Computer-aided Design (CAD), Manufacture and Automation, and Quality & Project Management, and perform more detailed analysis in Mechanics, Fluid Mechanics, Thermodynamics and Engineering Materials and Testing. Students also undertake a major design and build group 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 ones from Engineers Ireland.

**Graduate Destinations:**
Graduates work as technicians, technologists and associate engineers in product/machine design and development, fabrication, testing, maintenance, machine setting and repair of process machinery, energy utilisation, and project management. A number of IT Sligo's Mechanical Engineering graduates gain employment in the design of machines or products.

**Professional Accreditation:**

IT Sligo Prospectus 2020

Award:
Ordinary Level (Level 7)
CAO Code: SG333
CAO Points: 208
Duration: 3 Years
Number of Places: 64
Professional Accreditation: Yes

www.itsligo.ie/SG333
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 increased job opportunities have been predicted for engineers with these skills.

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, advanced CNC machines, and one of the most precise 5-axis CNC machines in the world.

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 year. Students also study general engineering subjects including Mathematics, Physics, Mechanics, Engineering Technology and Computer-Aided Design.


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.

Graduate Destinations:

Graduates will take up roles in design, manufacturing, project management, procurement and validation in advanced manufacturing and precision engineering companies. Level 7 graduates who achieve a 50% mark may progress to the Level 8 Honours add-on Degree in Precision Engineering and Design.

What is Precision Engineering and Design? Refers to the design, manufacturing and measuring of highly specific parts for the medical, aerospace, automotive and various other industries.

Programme Description: IT Sligo has consulted widely with industry to develop this unique programme, which will give graduates the skills required by modern companies in Precision Engineering, Mechanical Engineering and Advanced Manufacturing.

Programme Description:

IT Sligo has consulted widely with industry to develop this unique programme, which will give graduates the skills required by modern companies in Precision Engineering, Mechanical Engineering and Advanced Manufacturing.
Head of Department:
David Mulligan

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Add-On Courses
in the Department of Mechatronic Engineering

BEng (Hons) in Mechatronics

Award/Level: Honours Degree (Level 8)
Duration: 1 Year (add-on), 2 years via online delivery.
Minimum Entry Requirements:
The entry requirement for this course is a 50% or higher grade at Ordinary Degree Level in Mechatronics or a related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

Please visit www.it sligo.ie for more information about Add-on courses

All Add-on courses are one year in Duration
Bachelor of Engineering
Higher Certificate of Engineering

Engineering

What is Engineering? Engineering is the science and technology concerned with design, building, and use of buildings, structures and machines.

Programme Description: IT Sligo offers a wide range of engineering courses such as Civil, Mechanical, Electronic, Mechatronic, Precision and Manufacturing. This new, exciting programme offers you the opportunity of studying engineering in a general way for a semester before specialising in an area of your choice.

This general engineering year gives students an exposure to all the different types of engineering that are on offer, the differences between each and equips the students with the fundamentals of engineering. It will help to make an informed choice of what field of engineering to enter based on aptitude and interest. On successful completion of the first-year exams, you will transfer into second year in one of the programmes mentioned.

Programme Overview:
Year One: The first year focuses on the fundamentals of engineering such as Introduction to Engineering, Engineering Maths, Engineering Science, Computer Aided Design and Modelling among others.

Year Two: Students choose which stream of engineering to specialise in from Civil, Electronic, Mechatronic or Mechanical to explore and engage in more detailed applications of the fundamentals in engineering in their chosen field.

Year Three (Level 7): Students undertake a project to develop and display their technical skills, as well as conducting more advanced analysis and developing practical skills relevant to their discipline.

Graduate Destinations:
Engineering has a very diverse application in both private and public sector 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.

Level 6 graduates can progress to the final year of an Ordinary degree course in their chosen field. Level 7 graduates may progress to a wide range of Honours Degree courses at IT Sligo.

Special Features:
The nature of this course allows any student that may not be decided on what field of engineering they wish to pursue the chance to try them all. Along with this students have the ability to join the engineers Ireland association.

Professional Accreditation:

L7: www.itsligo.ie/SG330
L6: www.itsligo.ie/SG300
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.

During the intensive three years, students will learn how to design, build and control the machines and processes that are found in a wide range of sectors.

**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.

**Graduate Destinations:**

Graduates work in a wide range of industrial settings, including the biomedical, pharmaceutical, electronics, food processing and manufacturing sectors. Graduates may progress to the BEng (Hons) in Mechatronic at IT Sligo or at other higher education Institutions.

**Professional Accreditation:**
“Our course was a very close group, even though we were one of the largest courses – it really made all the difference”

“Challenging and rewarding – that’s how I would describe my time at IT Sligo.”

Denise McDermott, Sports Development Office with Sligo Sport and Recreation Partnership (SSRP) studied both the Bachelor of Science in Health Science and Physiology and later the add on honours degrees in Public Health and Health Promotion. Denise’s current role is to lead, respond, coordinate and facilitate a wide variety of sport and physical activity opportunities in Sligo.

“IT Sligo has a far greater practical element to the course which provides a great learning environment. IT Sligo instilled in me a set of skills that I use daily such as analytical skills, information analysis, management skills.”

Peadar Harten, Director for Pork, McCarren Meats, Kepak Group studied BSc Environmental Science. Peadar is based in Co Cavan and the Site Manager for McCarren Meats. They employ 300 people and export to countries such as China, Canada, Australia and hold a significant retail presence in Ireland.
Faculty of Science

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Department of Life Sciences 154

“Our programmes are relevant and experiential, and the majority are professionally accredited. Our teaching philosophy is research informed and delivered by academic staff at the cutting edge of their field.”

Dr. Jeremy Bird, Head of Faculty of Science
Department of Environmental Science

Head of Department: Professor Frances Lucy

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Add-On Courses in the Department of Environmental Science

**BSc (Hons) in Applied Archaeology**
*Award:* Honours Degree (Level 8)  
*Duration:* 1 Year (add-on)  
*Minimum Entry Requirements:* Candidates with a relevant Level 7 Degree, such as the Bachelor of Science in Applied Archaeology from IT Sligo, or similar, are eligible to apply.

**BSc in Applied Archaeology**
*Award:* Ordinary Degree (Level 7)  
*Duration:* 1 Year (add-on)  
*Minimum Entry Requirements:* Candidates with a relevant Level 6 Higher Certificate, are eligible to apply.

**BSc (Hons) in Environmental Science**
*Award:* Honours Degree (Level 8)  
*Duration:* 1 Year (add-on),  
*Minimum Entry Requirements:* Candidates with a cognate ordinary Level 7 Degree, such as the Bachelor of Science in Environmental Protection, are eligible to apply. At the end of the fourth year, students undergo a period of work placement for three months.

**BSc (Hons) in Occupational Safety and Health**
*Award:* Honours Degree (Level 8)  
*Duration:* 1 Year (add-on)  
*Minimum Entry Requirements:* Candidates with a relevant Level 7 Degree, such as a Bachelor of Science in Occupational Safety and Health from IT Sligo, or similar, are eligible to apply.

**BSc in Occupational Safety and Health**
*Award:* Ordinary Degree (Level 7)  
*Duration:* 1 Year (add-on)  
*Minimum Entry Requirements:* The entry requirement for this course is a Higher Certificate in Science, Engineering or other discipline, or an academic qualification (Level 7 or 8) in an appropriate area (including nursing).

Please visit [www.itsligo.ie](http://www.itsligo.ie) for more information about Add-on courses

All Add-on courses are one year in Duration.
Bachelor of Science (Honours)
Bachelor of Science

Agri-Food Science

What is Agri-Food Science? Agriculture food science is the process of food production and distribution from the farm to the point of eating.

Programme Description: This programme has been developed to meet the demand for graduates with integrated skills in the agri-food sector. It is science based and covers the production and processing of agri-food, food processing technologies and sustainable production across the food chain (farm-to-fork).

Graduates are given the necessary skill set for employment in the food industry and/or the government agencies who are working to meet the growing demand for quality Irish food.

Programme Overview:
Year One: Focuses on giving students a general education in foundation science subjects. Modules include an Introduction to Agri-Food Systems, Information Technology and Communications.

Year Two: Students focus on plant and animal sciences with modules such as Plant Science and Crop Production.

Year Three: Students explore resource efficiency in the module Food Processing Technologies and study Quality Food Microbiology and Food Analysis. Students also gain a knowledge of Food Legislation and Marketing. Level 8 students undertake a four to seven-month long work placement, while Level 7 students take up a six to nine-month long placement in the agri-food sector. This is designed to help students develop practical skills and experience, within the sector.

Year Four (Level 8): Studies focus on Research, Product Innovation and Development, Food Traceability and Sustainability. Students also gain a knowledge of Policy and Legislation in the Agri-Food Business, Marketing and Export.

Graduate Destinations:
Graduates work in the food industries e.g. dairy, meat, seafood, beverage etc. in roles relating to processing, food analysis/quality and safety, production management, environmental health and safety, marketing and food export.

Level 7 graduates can progress to the Level 8 in Agri-Food Science. Level 8 graduates may progress to taught and research Masters and PhD degrees at IT Sligo or other higher education Institutions.
With the unique collection of varied archaeological sites located in Sligo and the West, this is the perfect location for would-be archaeologists who are seeking varied careers on graduation.

Programme Overview:

**Year One:** Students study Irish and World Archaeology, as well as Paleolithic, Mesolithic, Early Medieval and Viking Ireland and Europe. They are also provided with an introduction to Chemistry, Earth Science and Computing. At the end of the year, students participate in a two-week training excavation.

**Year Two:** The year begins with post excavation analysis where the students analyse the finds from the first-year field school. Modules also include: Zooarchaeology, Bronze and Iron age Ireland, Biology and the Diversity of Life, Environmental Archaeology, Chemical Analysis of Archaeological Remains and Statistics in Archaeological Interpretation.

**Year Three:** Students study varied modules on Digital Archaeology, Geographical Information Systems (GIS), Characterisation and Dating of Archaeological Materials and The Archaeology of Buildings. Project Management and Commercial Archaeology prepares them for the world of work while the module on Public and Community Archaeology is an important introduction to Outreach and Community Engagement.

**Year Four (Level 8):** Modules include Archaeology and Cultural Biographies, Advanced Topics in Archaeological Theory, Biomolecular technologies and human evolution. A module on Deterioration and Conservation of Archaeology Materials gives the context to the career of an archaeological curator and archivist. Students also complete their own project thesis. There is also a work placement in the summer before Year 4.

**Graduate Destinations:**

Graduates work in archaeological consultancy, archaeological surveying and excavations, museums on roads excavations for Transport Infrastructure Ireland and in the government and semi-state sector.

Level 6 and 7 graduates may progress to the one-year add-on of the BSc (Hons) in Applied Archaeology. Level 8 graduates may progress to postgraduate studies.
Environmental Science with Ecology

What is Environmental Science with Ecology? Learn about the environment and the natural world around us in an applied way and make a difference to the future of the plant. Environmental Science with Ecology equips students with the learning to manage our manmade 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 become Environmental Scientists, Ecologists, Environmental Protection Officers.

Programme Description:

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: 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 Research masters or PhD in the Centre for Environmental Research Innovation and Sustainability (CERIS) in the Science Faculty.

Graduate Destinations:
Students find careers with environmental and ecological consultancies, Local Authorities, state agencies e.g EPA Inland Fisheries Ireland and Irish Water. Graduates can apply for graduate programmes pursue a range of careers, from field based, lab based, and office based roles.

Professional Accreditation:
Students become student members of Chartered Institution of Water and Environmental Management (CIWEM). All graduates can join the Environmental Sciences Association of Ireland.
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.

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. 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 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 work place. 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,
Dawn Meats, Health and Safety Practitioner.

Professional Accreditation:
Institute of Occupational Safety and Health (IOSH)
Bachelor of Science (Honours)

Science (General Entry)

Programme Description: This is an un-denominated science degree which 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 also get to choose from elective science subjects in year one before selecting a specialised honours degree at the end of that year.

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

Programme Overview:
Year One: Subjects studied in year one includes 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: Depending on what pathway you take, as mentioned above, please see subsequent programme page.

Special Features:
The BSc (Hons) in Environmental Science is accredited by the Chartered Institution of Water and Environmental Management (CIWEM). The BSc (Hons) Occupational Safety and Health is recognised by the Institution of Occupational Safety and Health (IOSH).

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.

Graduates may apply for postgraduate study in taught Masters programmes as well as Doctoral research programmes. There are also a wide range of IT Sligo online programmes at Masters level to suit graduates in the workplace.

This general degree gives you a taste of four different sciences before specialising
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 1.

Programme Overview:
Year One: First year provides students with a core foundation in applied science, with an emphasis on practical laboratory work. Students also select from a range of elective modules relating to the future pathways.

Year Two: Students take a specific pathway (mentioned above) and focus on this area of interest.

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.

Graduates may progress to Year 3 of an Ordinary Degree (Level 7) and subsequently onto Honours Degree (Level 8) courses in Environmental Science, Occupational Safety and Health, Pharmaceutical Science with Drug Development or Medical Biotechnology at IT Sligo. There are also a wide range of IT Sligo online programmes at Levels 7 and 8 to suit graduates in the workplace.
Higher Certificate of Science

Sustainable Food Production

What is Sustainable Food Production? Sustainable food production is a method of production using processes and systems that are non-polluting, conserve non-renewable energy and natural resources, are economically efficient, are safe for workers, communities and consumers, and do not compromise the needs of future generations. The agri-food sector in Ireland is worth over €13.9 billion, it makes up nearly 10% of Ireland’s exports and provides 8.5% of the national employment. It is vital for the economy and the increasing global population that this sector is sustained and grows.

Programme Description
This programme has been developed to meet the demand for graduates with integrated skills in the agri-food sector. It is science based and covers food production; food processing technologies and sustainable food production across the food chain (farm-to-fork).

Sustainable food production systems include all processes and infrastructure involved in feeding a population: from growing, harvesting, processing, packaging, transporting, marketing, consumption, and disposal of food and food-related items.

Graduates are given the necessary skill set for basic employment in the food industry and/or the government agencies who are working to meet the growing demand for quality Irish food.

Programme Overview:

Year One: Focuses on giving students a general education in foundation science subjects. Modules include an introduction to agri-food systems, information technology and communications.

Year Two: Studies focus on plant and animal sciences in the context of livestock management and crop production.

Graduate Destinations:
Graduates work in the food industries (e.g. dairy, meat, seafood, beverage etc.) in roles relating to processing, food analysis/quality and safety, production management, environmental health and safety.

Further Study Opportunities:
Graduates may progress to the one-year add-on BSc in Agri-Food Science at IT Sligo or to the one year add on BSc Environmental Science with Ecology Programme.

Graduate Story:
“The best thing about studying at IT Sligo is getting both the practical and theory with every lecture. I have many friends studied environmental science in larger universities and they received little to no practical experience throughout the duration of their studies. The course really prepares you for the real world. I use all the skills learned at IT Sligo every day. A typical day for me includes consulting and liaising with ABP Food Group sites, the Environmental Protection Agency, Inland Fisheries, Local Authorities, Consultants and other companies.”

Fergal Maguire,
Group Environmental Licencing Manager
ABP Food Group, Tipperary

New

Award:
Higher Certificate (Level 6)
CAO Code: SG405
CAO Points:
Published in Aug 2019
Duration: 2 Years
Class Size: 20

www.itsligo.ie/SG405
Department of Health and Nutritional Sciences

Head of Department: Dr Thomas Smyth

Courses

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Add-On Courses
in the Department of Health and Nutritional Sciences

Public Health & Health Promotion

Award / Level: Honours Degree (Level 8)
Duration: 1 Year
Number of places: 32
Work Placement: Yes
Programme Overview:
Students study a wide variety of core competencies necessary for working in health-related positions, including skills to facilitate groups appropriately and effectively; plan, implement and evaluate health projects and health research. Students will learn how to communicate clear health messages to a variety of audiences and engage in innovative practical projects within a broad range of settings including; community, educational, workplaces, health services, family and digital settings.

Students will critically appraise literature and research, develop health resources for various target populations, appraise public policy and develop policies to promote population health.

A 10-week work placement is completed following the second semester.

Special Features:
Accreditation with the International Union for Health Promotion and Education (IUHPE). Graduates are automatically eligible to apply to become an IUHPE Registered Health Promotion Practitioner.

Graduation Destinations:
Graduates are competent in a set of skills required to work as professionals in various health sectors, both voluntary, state and private sectors. Graduates may be employed in sports development, community development, youth work, physical activity promotion, health promotion, health research, policy development and project management.

Applicants with a Level 7 qualification in a cognate area are eligible. Successful applicants to this programme will be required to undergo Garda vetting.

Please visit www.it sligo.ie for more information about Add-on courses

All Add-on courses are one year in Duration
Bachelor of Science (Honours)

Health Science and Physical Activity

What is health science and physical activity? 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.

Programme Description: The programme aims to produce graduates with a strong academic base in health science disciplines related to physical activity and exercise.

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 recognized fitness instruction award is built into this programme.

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 Health Care 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.
“It’s not just sitting in a classroom, I prefer the practical learning.”

Tara
BSc Health Science and Physiology – Year 3
Bachelor of Science

Health Science and Physiology

What is Health Science and Physiology? The effect a healthy lifestyle can have on the body and how it can promote better physical function.

Programme Description: The focus of this programme is on understanding, promoting and maintaining health and wellbeing through health behaviours including diet and physical activity. It is the perfect choice for students who have a strong interest in health but may be unsure of what aspect they wish to focus on.

Modules are aligned to three main study strands: Health Promotion, Exercise and Nutritional Science, and Research Methods for Health. 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.

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 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:

Amy Boyle Carr (Soccer Sports Scholar) plays for the Republic of Ireland U19 while studying Health Science and Physiology at IT Sligo. To understand her training regime and commitment to study, go to www.itsligo.ie/Amy

www.itsligo.ie/SG435
Award:
Honours Degree (Level 8)
Ordinary Degree (Level 7)

CAO Code:
Level 8: SG443
Level 7: SG434

CAO Points:
Level 8: 367
Level 7: 297

Duration: 3/4 Years
Class size: 32
Work Placement: Yes
Erasmus+: Yes

L8: www.itsligo.ie/SG443
L7: www.itsligo.ie/SG434

Bachelor of Science (Honours)
Bachelor of Science

Human Nutrition

What is Human Nutrition? This refers to the study of how food and diet support human life and can aid our overall health and wellbeing.

Programme Description: Our BSc (Hons) in Human Nutrition is a practical-based programme that has been designed to address relevant present day and emerging issues. The programme explores the relationship between nutrition and how good health can be promoted by following a healthy diet.

Graduate Story:
“...This programme gave me the opportunity to complete a clinical research project on anorexia nervosa in Sligo University Hospital, in addition I was able to obtain a clinical placement in my final semester and here the knowledge and skills that were developed during the course are being put to practice, including the clinical nutrition, public health nutrition and advanced nutrition modules. This course covers all areas of nutrition and food including industry, clinical and marketing aspects of nutrition preparing you for whatever area you choose to pursue in the future.”

Ciara O’Meara,
BSc (Hons) Human Nutrition 2018
Currently studying MSc Human Nutrition and Dietetics, UL

Programme Overview:

Year One: In first year, students will cover all the 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 Nutrition, Public Health Nutrition, Sports and Exercise Nutrition and Clinical Nutrition.

The final year (for Level 8) sees 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.

Graduate Destinations:
Graduates will be able to use the experience and knowledge gained in this course to work in food/nutrition-related industries in relation to human nutrition (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.

Clinical studies on a wide variety of diseases and conditions are used to highlight contemporary issues in human health, while a work placement will allow students to specialise according to their interests.

Programme Description:
Our BSc (Hons) in Human Nutrition is a practical-based programme that has been designed to address relevant present day and emerging issues. The programme explores the relationship between nutrition and how good health can be promoted by following a healthy diet.

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The final year (for Level 8) sees 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.

Graduate Destinations:
Graduates will be able to use the experience and knowledge gained in this course to work in food/nutrition-related industries in relation to human nutrition (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.

Clinical studies on a wide variety of diseases and conditions are used to highlight contemporary issues in human health, while a work placement will allow students to specialise according to their interests.

Programme Description:
Our BSc (Hons) in Human Nutrition is a practical-based programme that has been designed to address relevant present day and emerging issues. The programme explores the relationship between nutrition and how good health can be promoted by following a healthy diet.

What is Human Nutrition? This refers to the study of how food and diet support human life and can aid our overall health and wellbeing.

Programme Description: Our BSc (Hons) in Human Nutrition is a practical-based programme that has been designed to address relevant present day and emerging issues. The programme explores the relationship between nutrition and how good health can be promoted by following a healthy diet.

Graduate Story:
“...This programme gave me the opportunity to complete a clinical research project on anorexia nervosa in Sligo University Hospital, in addition I was able to obtain a clinical placement in my final semester and here the knowledge and skills that were developed during the course are being put to practice, including the clinical nutrition, public health nutrition and advanced nutrition modules. This course covers all areas of nutrition and food including industry, clinical and marketing aspects of nutrition preparing you for whatever area you choose to pursue in the future.”

Ciara O’Meara,
BSc (Hons) Human Nutrition 2018
Currently studying MSc Human Nutrition and Dietetics, UL

Programme Overview:

Year One: In first year, students will cover all the 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 Nutrition, Public Health Nutrition, Sports and Exercise Nutrition and Clinical Nutrition.

The final year (for Level 8) sees 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.

Graduate Destinations:
Graduates will be able to use the experience and knowledge gained in this course to work in food/nutrition-related industries in relation to human nutrition (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.
“This course is an alternative way into the applied therapies, like Physiotherapy or Speech and Language”

Amy
BSc Health Science and Physiology – Year 3
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 the Bachelor of Science (Level 7) Health Science and Physiology or Bachelor of Science (Level 8) in Health Science and Physical Activity.

Level 7 graduates can decide to complete their studies in the Bachelor of Science in Public Health and Health Promotion (Level 8, one-year add-on).
Head of Department: James Brennan

<table>
<thead>
<tr>
<th>Courses</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG436  BSc Biomedical Science</td>
<td>L7   155</td>
</tr>
<tr>
<td>SG448  BSc (Hons) Forensic Investigation and Analysis</td>
<td>L8   156</td>
</tr>
<tr>
<td>SG437  BSc Forensic Investigation and Analysis</td>
<td>L7   156</td>
</tr>
<tr>
<td>SG449  BSc (Hons) Medical Biotechnology</td>
<td>L8   158</td>
</tr>
<tr>
<td>SG445  BSc (Hons) Pharmaceutical Science with Drug Development</td>
<td>L8   159</td>
</tr>
<tr>
<td>SG431  BSc Pharmaceutical Science with Drug Development</td>
<td>L7   159</td>
</tr>
</tbody>
</table>
Bachelor of Science

Biomedical Science

What is Biomedical Science? Biomedical Science is the scientific study of conditions, diseases, their causes, diagnosis and treatments.

Programme Description: This programme gives graduates contemporary skills in biomedical science, making them highly employable across a range of medical and pharmaceutical sectors in Ireland and abroad.

Year Two: Students knowledge and technical skills in the biological field 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 the medical device industry. There is also a work placement in either an industrial or a research setting.

Special Features:
There is an placement in industry in the summer of year 3 for students. This helps prepare them for the professional working environment.

Graduate Destinations:
Graduates from this programme work across many biomedical based industries 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. Graduates may progress to the final year of the BSc (Hons) in Medical Biotechnology. Following this, graduates can also continue on to M.Sc. or doctoral studies.

Graduate Story:
“As a mature science student, I embarked a new career path when I enrolled in the Medical Biotechnology degree course at IT Sligo. Every student I met during my time at IT Sligo helped me develop my new career as a scientist in one way or another. Now I’m working with AbbVie, Ireland's number one biopharmaceutical company.”

Tara Saunders,
BSc, Medical Biotechnology Pharmacovigilance & Medical Information Specialist
Ireland and Malta, AbbVie Limited
Bachelor of Science (Honours) Bachelor of Science

Forensic Investigation and Analysis

What is Forensic Investigation and Analysis? It 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.

Programme Description:
Student learn both forensic and analytical science through a range 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 post graduate 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.

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 Management and Instrumentation used for Forensic Analysis, Genetics, Molecular Biology, Statistics and Quality Assurance.

Year Four: This final year focuses on high level investigative, observational, evidence interpretation, research and crime scene management skills. Students will complete their work experience, presentation and forensic based research project in this year.

Graduate Destinations: Many graduates of the level 8 programme have gone on to complete MSc and PhD postgraduate projects. If you’re looking to enter employment straight away, a broad range of options are available with many past graduates gaining internships and employment with large companies such as Abbott Laboratories, Abbvie, Coke-Cola, and Allergan.

Graduate Story:
“My qualification has led me to gain employment as a Chromatography Engineer with the second largest mushroom provider in the world. The analytical background I received at IT Sligo gave me the confidence and knowledge to succeed in my daily role. Retuning to IT Sligo as a mature student was daunting, however, the college welcomes all ages with open arms with very approachable lecturers who are always willing to help you.”

Catriona Reilly, Chromatography Engineer, Monaghan Mushrooms BSc (Hons) in Forensic Investigation and Analysis 2016

Professional Accreditation:

Award:
Honours Degree (Level 8)
Ordinary Degree (Level 7)

CAO Code:
Level 8: SG448
Level 7: SG437

CAO Points:
Level 8: 307
Level 7: 240

Duration: 3/4 Years
Class size: 25
Work placement: Yes
Professional accreditation: Yes

L8: www.itsligo.ie/SG448
L7: www.itsligo.ie/SG437
“It’s not a big college, it’s being part of a small group. The lecturers always help when needed”

Mohammed
BSc Forensic Investigation and Analysis – Year 2
Bachelor of Science (Honours)

Medical Biotechnology

What is Medical Biotechnology? Medical Biotechnology is the application of biological systems for medical and industrial uses.

Programme Description: Did you ever wonder how diseases are diagnosed in hospital labs or where diabetic insulin comes from? Did you know that many modern-day drugs for cancer and rheumatoid arthritis are produced using biological systems?

Medical biotechnology is a revolutionary industry that has had a major impact on the production of drugs, hormones and diagnostics over the last 20 years. This programme gives graduates access to the latest industry innovations and advancements, teaching them skills needed to gain employment in the biotechnology, biopharmaceutical, diagnostics and medical device industries in Ireland and abroad.

Innovative teaching methods are used on the programme, including the use of social networking, game-based learning, industrial workshops and visits to target industries and employers. We also recognise the importance of transferrable skills such as data presentation, information sourcing and scientific technical writing which allow students to broaden their employment possibilities.

Programme Overview:

Year One: The first year focuses on developing students’ core scientific skills and building a foundation of 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 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 role today. Students also complete a research project on a specific area of interest.

Special Features:

There is an industrial placement in the summer of year 3 for students. This helps prepare them for the professional working environment. In year 4, students also gain training experience at the National Institute for Bioprocessing Research & Training (NIBRT) in Dublin, which gives them key skills and competencies for working in the Biopharmaceutical industry.

Graduate Destinations:

Graduates from this programme work across many bio-based industries including 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 pursue M.Sc.’s or doctoral research in IT Sligo or in other higher education Institutions.

While many enter industry as basic grade scientists, it is noted that many gain promotions within the industry in short periods of time (e.g. 2yr.)
Award:
Honours Degree (Level 8)
Ordinary Degree (level 7)
CAO Code:
Level 8: SG445
Level 7: SG431
CAO Points:
Level 8: 319
Level 7: 268
Duration: 3/4 Years
Class size:
Work Placement: Yes
Erasmus+: Yes

L8: www.itsligo.ie/SG445
L7: www.itsligo.ie/SG431

Bachelor of Science (Honours)
Bachelor of Science

Pharmaceutical Science with Drug Development

What is Pharmaceutical Science? Pharmaceutical Science combines a range of scientific subjects that are vital in the development, discovery, processing, and manufacturing of different drugs and therapies.

Programme Description: The overall philosophy of the programme is to produce science graduates who can assume positions of responsibility in the area of pharmaceutical science.

Year Three: Level 8 students complete a work placement in Ireland or abroad. This can last for four months or for a full year.

Year Four (Level 8): Students study modules at an advanced level. A final year project allows them to make use of the knowledge and skills they have gained throughout the programme.

Graduate Destinations:
Graduates work in the pharmaceutical, biopharmaceutical, biomedical, and medical device sectors in the areas of 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. They can also progress to the pharmacy degree programme in the Royal College of Surgeons in Ireland (RCSI).
Your Journey Starts Here
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

About the CAO System
The CAO application system works as follows:
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

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

How Do I Apply?
Main Application Types:
1. Irish Leaving Certificate
2. FETAC and QQI applicants
3. GCE and GCSE or School leavers from other EU countries
4. Mature Applicants
5. International Applicants

1. Irish Leaving Certificate Requirements and Points
   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. We require a minimum of 160 points for all Level 8 courses.

   *Some courses do not require Mathematics as an entry requirement, while others have certain exemptions or honours requirements – please see section on Mathematics requirements.

CAO points are allocated for Leaving Certificate grades H1-H8 and O1-O8 as follows:

<table>
<thead>
<tr>
<th>Higher Level</th>
<th>% Marks</th>
<th>CAO Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>H1</td>
<td>90 - 100</td>
<td>100</td>
</tr>
<tr>
<td>H2</td>
<td>80 &lt; 90</td>
<td>88</td>
</tr>
<tr>
<td>H3</td>
<td>70 &lt; 80</td>
<td>77</td>
</tr>
<tr>
<td>H4</td>
<td>60 &lt; 70</td>
<td>66</td>
</tr>
<tr>
<td>H5</td>
<td>50 &lt; 60</td>
<td>56</td>
</tr>
<tr>
<td>H6</td>
<td>40 &lt; 50</td>
<td>46</td>
</tr>
<tr>
<td>H7</td>
<td>30 &lt; 40</td>
<td>37</td>
</tr>
<tr>
<td>H8</td>
<td>0 &lt; 30</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ordinary Level</th>
<th>% Marks</th>
<th>CAO Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>O1</td>
<td>90 - 100</td>
<td>56</td>
</tr>
<tr>
<td>O2</td>
<td>80 &lt; 90</td>
<td>46</td>
</tr>
<tr>
<td>O3</td>
<td>70 &lt; 80</td>
<td>37</td>
</tr>
<tr>
<td>O4</td>
<td>60 &lt; 70</td>
<td>28</td>
</tr>
<tr>
<td>O5</td>
<td>50 &lt; 60</td>
<td>20</td>
</tr>
<tr>
<td>O6</td>
<td>40 &lt; 50</td>
<td>12</td>
</tr>
<tr>
<td>O7</td>
<td>30 &lt; 40</td>
<td>0</td>
</tr>
<tr>
<td>O8</td>
<td>0 &lt; 30</td>
<td>0</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Level</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distinction</td>
<td>66</td>
</tr>
<tr>
<td>Merit</td>
<td>46</td>
</tr>
<tr>
<td>Pass</td>
<td>28</td>
</tr>
</tbody>
</table>

2. FETAC and QQI Applicants Requirements and Points

The minimum entry requirements for:

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.

For entry to the majority of 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 2 of a cognate programme.

Scoring system for eligible applicants who hold QQI FET/FETAC Awards

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

3. GCE and GCSE Applicants Requirements and Points

The minimum entry requirements for applicants from northern ireland (GCE AS, A2, AVCE, Double Award, BTEC) are:

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 1 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 sufficient 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.

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.
4. Mature Applicants

IT Sligo welcomes applications from mature students. Up to 20% of places on courses in the Institute are reserved for mature applicants. We recognise the valuable life and work experience that they bring to the courses they undertake.

From your perspective, adding a qualification to your experience can provide a substantial boost to your career. Even a complete career change is an option; the days of people following one career path and staying with one employer throughout their working lives are long gone.

You might now be at a stage when you have a clearer idea of what you want to do than when you first left school. Whatever your current situation and future aims, it’s never too late to benefit from a third level education.

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. An information evening for interested applicants is held in January each year. A mature student orientation day is held just before first year classes begin, for students who have been away from education for some time.

5. International Applicants

IT Sligo is a vibrant third level institution on the North West coast of Ireland for both Irish and international students. At IT Sligo we deliver flexible contemporary programmes in Engineering, Science and Business & Humanities from Higher Certificate and Bachelor Degree courses to taught postgraduate and research awards by traditional and on-line delivery.

IT Sligo is an Autism friendly campus. On the 7th of November, IT Sligo committed to partnering with the AsIam organisation to develop a series of principles that underpin the colleges purpose for its students with Autism, this is a three-year journey with AsIam.

Athena Swan

IT Sligo is committed in addressing gender in-balance and equality. As part of this commitment we recently signed up to the Athena SWAN charter. In 2005 the Athena SWAN Charter was initiated at first in order to encourage and recognise commitment to advancing the careers of women in science, technology, engineering, maths and medicine (STEMM) employment in higher education and research. However, since then the Athena SWAN charter has been broadened to encompass work undertaken in arts, humanities, social sciences, business and law (AHSSBL), and in professional and support roles, as well as for trans staff and students. The Athena SWAN charter now includes actions undertaken to address gender equality more widely.
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.

Go to: 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

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
- Possible financial assistance when available
- A peer-mentoring programme

Information and referrals to other student support services in the college.

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:

<table>
<thead>
<tr>
<th>English</th>
<th>Under Graduate</th>
<th>Post Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS</td>
<td>5.5</td>
<td>6.0</td>
</tr>
<tr>
<td>TOEFL Paper</td>
<td>513</td>
<td>550</td>
</tr>
<tr>
<td>TOEFL IBT</td>
<td>65</td>
<td>80</td>
</tr>
<tr>
<td>TOEFL CBT</td>
<td>183</td>
<td>210</td>
</tr>
<tr>
<td>TOEIC</td>
<td>605</td>
<td>780</td>
</tr>
<tr>
<td>Cambridge Exam</td>
<td>FCE</td>
<td>FCE</td>
</tr>
<tr>
<td>ETAPP</td>
<td>B+</td>
<td>C1</td>
</tr>
</tbody>
</table>

The Pearson Test of English Academic (PTE Academic) is an English test used by universities, colleges and governments 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.

Mathematics Entry Requirements

Mathematics Requirements

In general, a minimum of B2 in Foundation Mathematics (Leaving Certificate) or a Mathematics module in QQI/FETAC or GCSE grade C in Mathematics.

Exceptions to the 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative Design</td>
<td>L8 &amp; L7</td>
<td>SG245 &amp; SG232</td>
</tr>
<tr>
<td>Early Childhood Care and Education</td>
<td>L8</td>
<td>SG242</td>
</tr>
<tr>
<td>English and Psychology</td>
<td>L8</td>
<td>SG247</td>
</tr>
<tr>
<td>Fine Art</td>
<td>L8 &amp; L7</td>
<td>SG244 &amp; SG231</td>
</tr>
<tr>
<td>Performing Arts (Acting)</td>
<td>L7</td>
<td>SG236</td>
</tr>
<tr>
<td>Performing Arts (Theatre Design)</td>
<td>L7</td>
<td>SG235</td>
</tr>
<tr>
<td>Social Care Practice</td>
<td>L8</td>
<td>SG243</td>
</tr>
<tr>
<td>Sociology and Politics</td>
<td>L8</td>
<td>SG248</td>
</tr>
<tr>
<td>Writing and Literature</td>
<td>L8</td>
<td>SG249</td>
</tr>
</tbody>
</table>
Other exceptions to the Mathematics Requirements

Foundation Mathematics is not accepted for entry to any of the School of Engineering and Design courses, except:

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Project Management And Applied Technology</td>
<td>L8</td>
<td>SG346</td>
</tr>
<tr>
<td>Applied Construction Technology</td>
<td>L6</td>
<td>SG308</td>
</tr>
<tr>
<td>Advanced Wood and Sustainable Building Technology</td>
<td>L7</td>
<td>SG332</td>
</tr>
<tr>
<td>Computing</td>
<td>L8</td>
<td>SG246</td>
</tr>
<tr>
<td>Computing: App Design and User Experience (UX)</td>
<td>L8</td>
<td>SG250</td>
</tr>
<tr>
<td>Computing: Computer Networks and Cloud Infrastructure</td>
<td>L8</td>
<td>SG253</td>
</tr>
<tr>
<td></td>
<td>L7</td>
<td>SG137</td>
</tr>
<tr>
<td>Computing: Games Development</td>
<td>L7</td>
<td>SG131</td>
</tr>
<tr>
<td>Computing: Smart Technologies</td>
<td>L8</td>
<td>SG251</td>
</tr>
<tr>
<td>Computing: Software Development</td>
<td>L8</td>
<td>SG252</td>
</tr>
<tr>
<td></td>
<td>L7</td>
<td>SG136</td>
</tr>
<tr>
<td>Interior Architecture and Design</td>
<td>L7</td>
<td>SG331</td>
</tr>
</tbody>
</table>

Mathematics requirements for Engineering L8 Honours Degree

Please note that a minimum of a grade H5 in Leaving Certificate Mathematics, or equivalent, is required for the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Level</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEng (Hons) in Quantity Surveying</td>
<td>L8</td>
<td>SG343</td>
</tr>
<tr>
<td>BEng (Hons) in Mechanical Engineering</td>
<td>L8</td>
<td>TBC</td>
</tr>
<tr>
<td>BEng (Hons) in Mechatronic Engineering</td>
<td>L8</td>
<td>TBC</td>
</tr>
<tr>
<td>BEng (Hons) in Civil Engineering</td>
<td>L8</td>
<td>SG342</td>
</tr>
</tbody>
</table>

For students who do not have a H5 grade in Higher Level Mathematics, IT Sligo has a special Mathematics Examination, which is equivalent to Higher Level Mathematics. For further information, please visit [www.itsligo.ie](http://www.itsligo.ie).

Alternative Maths Exam

IT Sligo will hold an Alternative Maths Exam to satisfy matriculation requirements in August 2020 to facilitate students who did not obtain a pass in Ordinary Maths in the Leaving Certificate. Dates will be confirmed on [www.itsligo.ie](http://www.itsligo.ie). The examination is free of charge. Interested applicants can book a place by emailing rooney.rosaleen@itsligo.ie.

Student Fees and Grants

Fees and Grants

A Student Contribution (registration) fee of €3,000 (2020/21) 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
- Costs of essential field trips.

Students who qualify for a 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 (2020/21). 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 OR www.studentfinanceni.co.uk

Criminal Convictions and Student Vetting Policy

Criminal Convictions

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 on the basis of 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 available on 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Sport with Business</td>
<td>SG134</td>
</tr>
<tr>
<td>Early Childhood Care and Education</td>
<td>SG242</td>
</tr>
<tr>
<td>Health Science and Physical Activity</td>
<td>SG447</td>
</tr>
<tr>
<td>Health Science and Physiology</td>
<td>SG435</td>
</tr>
<tr>
<td>Performing Arts (Acting)</td>
<td>SG236</td>
</tr>
<tr>
<td>Performing Arts (Theatre Design)</td>
<td>SG235</td>
</tr>
<tr>
<td>Performing Arts</td>
<td>SG241</td>
</tr>
<tr>
<td>Public Health &amp; Health Promotion</td>
<td>Add-On</td>
</tr>
<tr>
<td>Social Care Practice</td>
<td>SG243</td>
</tr>
<tr>
<td>Sport with Business</td>
<td>SG147</td>
</tr>
<tr>
<td>Tourism with Event Management</td>
<td>SG135</td>
</tr>
<tr>
<td>English and Psychology</td>
<td>SG247</td>
</tr>
<tr>
<td>Sociology and Politics</td>
<td>SG248</td>
</tr>
<tr>
<td>Writing and Literature</td>
<td>SG249</td>
</tr>
<tr>
<td>Certificate in Introductory Counselling Skills Online</td>
<td></td>
</tr>
</tbody>
</table>
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.

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 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 schoolsliaison@itsligo.ie

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- Front cover image by Donal Murphy Photography

When you have finished with this prospectus please recycle it.
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Finding Out More

Should you have further questions after reading this prospectus, please get in touch:

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**General Enquiries/Switchboard**
- T: +353 71 915 5222
- E: info@itsligo.ie

**Open Day Dates**

**Thursday 17 October 2019**
- Discover your Options
- 10am – 2pm

**Tuesday 14 January 2020**
- Make your Choice
- 5pm – 8pm

**Saturday 4 April 2020**
- Be a Student for a Day
- 10am – 2pm