MAKE YOUR FUTURE HAPPEN
Welcome

In 2021, IT Sligo were delighted to be named the Institute with the Most Flexible Learning students in the Sunday Times Good University Guide.

Our mission is to advance economic, social, and environmental sustainability through education, innovation, and engagement, producing graduates who are innovative, confident, and capable of leading the development of the region and beyond.

Consistent with this mission, is IT Sligo’s continued growth and strength in online/flexible learning, placing IT Sligo in a leading position in Ireland. Presently IT Sligo has in excess of 4800 online/blended learning students, enrolled on over 150 programmes spanning Levels 6 to 9 of the National Qualifications Framework; therefore, over half of IT Sligo students are currently in the workforce and taking one of our courses to upskill. In addition, we have several thousand students enrolled on free MOOCs (Massive Open Online Courses) and approximately 3,000 students taking industry-related short courses for professional development.

With an applied focus, championing equality, diversity, and inclusion with the belief that education should be accessible to all, IT Sligo seeks to extend its portfolio of programmes to support upskilling in a range of areas in demand by industry, enterprise, and the community. We work closely with employers and employees to ensure that our courses are closely aligned to their needs. This is evidenced by introduction of new courses in the prospectus in areas that focus on digital transformation across Science, Engineering and Business & Social Sciences. Also included are some programmes in innovative formats, such as work-based learning and full-time online programmes, aimed at students who would find attending on campus too challenging. In our desire to educate students to reach their full potential, we strive to respond to economic and societal challenges through delivery of excellent higher education learning opportunities, and a supportive environment, with a strong focus on pastoral care of our growing student body.

These activities have recently been supported by the Higher Education 4.0 Project, which is an ambitious four year, €12M project funded by Higher Education Authority (HEA) under the Human Capital Initiative. It is a collaborative project between the Institute of Technology Sligo (ITSligo), Galway Mayo Institute of Technology (GMIT) and Letterkenny Institute of Technology (LyIT) who are on a pathway towards becoming a Technological University. This innovative project is a best in class collaboration between the three institutes. Achieving recognition as a Technological University (TU), will give our community and region exciting new opportunities and a basis on which the next generation can build a brighter future.

I trust that you will find this prospectus informative and of interest, please feel free to contact the Programme Coordinators or the Centre for Online Learning for any further information or guidance on IT Sligo’s wide range of online/flexible learning opportunities in the forthcoming academic year.

Professor Jacqueline McCormack
Vice-President (Online Development)
Global Learning Community

Gary J Gerard, Canada
BSC (HONS) IN CONSTRUCTION PROJECT MANAGEMENT

Tracy Cody, Canada
BACHELOR OF BUSINESS IN MANAGEMENT APPLICATIONS

Nicole Merryweather, South Africa
BSC IN CONSTRUCTION MANAGEMENT

Chiaki Otomo, Japan
BSC IN ENVIRONMENTAL SCIENCE

IT Sligo Student Experience in Numbers

82% would go to the same institution if they could start over.

72% of students believed that lecturers/teaching staff used examples or illustrations to explain difficult points.

65% of students believed that their experience in their institution contributed to their ability to think critically and analytically.

79% believed that their experience at their institution contributed to their acquisition of job- or work-related knowledge and skills.

61% rate their entire educational experience as good or excellent.

96% of IT Sligo graduates have found employment in their chosen profession.

Enrolments

8,502 TOTAL*  
* 2020/21 figures

57% Online

43% Full Time
Upskilling for the Future of Work

At IT Sligo Online, we develop programmes aligned to industry demand. Our graduates are equipped with the skills and confidence to progress in their chosen career, with excellent opportunities both nationally and internationally.

Bio-pharma
With 10 of the top 10 global pharmaceutical companies located in Ireland, industry demand for continuous professional development is evident. IT Sligo is recognised as a leader in delivering accredited qualifications in areas of bioprocessing, biomedical science, biopharmaceutical and pharmceutical science.

Industry 4.0
Digitalisation is enabling a reinvention of manufacturing, increasingly moving towards automation and data exchange. Engineering for the future requires skills in sensor technology, cloud computing, big data and analytics.

Medical Technology
As the top employer in Europe for medical device professionals, Ireland needs to continuously invest and develop professionals who can lead the industry.

Project Management, Leadership & Advocacy
With rapid advancements in technology, industry is experiencing the greatest level of change since the industrial revolution. Developing leaders who are equipped to effectively manage complex change programmes is essential to stay competitive in our global economy.

Environmental Sustainability
Climate change, understanding our environmental responsibilities and developing strategies and practices to effectively manage our natural resources are relevant to individuals, society and industry. Local government, state agencies and industry need to invest in technical knowledge, skills and resources to guide policy, monitor and manage change.

Health & Nutrition
Delivering effective public health strategies on health promotion, exercise and nutrition are all parts of the evolving remit of healthcare professionals. It is vital we continue to build skills in researching, analysing health data and develop leaders within our healthcare sector.

PROFESSIONAL ACCREDITATION

PARTNERS
Glanbia Ireland partner with Online Learning at IT Sligo learning to train 2,000 employees

IT Sligo’s online learning platform is being utilised by many of the country’s largest companies with great success. One of the latest companies to come on board is agri-food and nutrition business, Glanbia Ireland, that are working with IT Sligo to roll out their organisation-wide Operational Excellence (OpEx) programme.

So far over 500 Glanbia Ireland employees have completed the IT Sligo online course in Lean Six Sigma quality.

We selected IT Sligo as they are the leading provider of accredited online learning programmes in Ireland. Their online learning systems allow our employees to access the course material anytime, anywhere. It provides us with the unique ability to train over 2,000 of our employees in a cost-effective way across 10 sites working on multiple shifts. This online course is a key part of the progression path for Glanbia employees who wish to continue to upskill and earn additional qualifications such as Lean Six Sigma Yellow and Green Belt certification.

Participants also undertake a work-based OpEx project which typically results in a minimum saving of €10,000 per project to the organisation.

To find out more about our Lean Sigma Quality MOOC, visit https://opencourses.itsligo.ie/

NIBRT: Successfully Combining Online Learning with State-of-the-Art Research and Training Facilities in Biopharmaceutical Processing

IT Sligo has a long-established collaborative partnership with the National Institute for Bioprocessing Research and Training (NIBRT). Leaders in their industry, NIBRT provides vital training and research facilities to industry leaders in the biopharma sector, such as BMS Biologics Cruiserath, GE Healthcare, Pfizer, MSD and Amgen.

NIBRT provides students with an unrivalled opportunity to develop their biopharma knowledge, skills and experience in a safe, simulated GMP and cost-effective manner.

IT Sligo offers continued professional development programmes, accredited on QQI framework from Level 6 Certificate in Biopharmaceutical Processing to Level 9 Masters in Biopharmaceutical Science.

Students benefit from the joint programme delivery approach, enabling those in full-time employment to gain access to flexible online lectures, while attending workshops in the NIBRT laboratory environment.

Programme lectures and instructors are delivering the most up-to-date learning and methodology having gained extensive experience in training the biopharmaceutical industry.
New Online Learning Programmes

Work-Based Learning
An innovative new Level 7 Degree in Mechatronic Systems Engineering is now available, where students spend three years in an approved paid workplace, while studying academic modules online. Starting in September 2020, students split their time into three days working, two days studying combining practical and theoretical learning at a time and place that suits your career goals.

Full-Time Online Learning
A suite of new programmes, facilitating access to full-time undergraduate education to those who may not be able to attend campus for a variety of reasons, such as caring/family business responsibilities; disability; cost; or geographical location.

Using innovative teaching and student support services IT Sligo online students can avail of assistive technology, disability supports, academic writing and maths supports to ensure our students reach their full potential.

New for 2020 are the three full-time online programmes.
Apply through the CAO (www.cao.ie)

<table>
<thead>
<tr>
<th>Programme Title</th>
<th>CAO Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA (Hons) Writing &amp; Literature</td>
<td>SG254</td>
</tr>
<tr>
<td>Higher Cert/BSc Health &amp; Medical Information Science</td>
<td>SG407/SG530</td>
</tr>
<tr>
<td>BB in Business (Hons)</td>
<td>SG103</td>
</tr>
</tbody>
</table>

Online Research Masters

Research focussed masters, that typically involved 30 credits of taught learning and 60 credits of an applied research thesis.

Perfect for students seeking to specialise in their chosen profession, while balancing the demands of work and life commitments.

- MA Professional Leadership
- MSc Biopharmaceutical Processing
- MSc Health Promotion Practice
- MSc Public Health Nutrition
- MSc Data Science
- MEng Geotechnical and Structural Engineering
- Masters by Research in Biopharmaceutical Science

International Programme Delivery

IT Sligo Online has established accredited partnerships with international institutions to deliver residential blocks in partner educational facilities.

Supported by IT Sligo academic staff, international students can elect to attend on-campus residential block learning in partner locations. Currently, we have two open programmes actively recruiting.

<table>
<thead>
<tr>
<th>Programme Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA in Leadership and Advocacy in the Early Years</td>
<td>Fanshawe College, Ontario, Canada</td>
</tr>
<tr>
<td>BEng in Data Centre Facilities Engineering</td>
<td>Haute École Louvain en Hainaut (HELHa) in Mons, Belgium</td>
</tr>
</tbody>
</table>

Try Online Learning for Free (Lean Sigma White Belt)

The Massive Open Online Course (MOOC) in Lean Sigma Quality delivered by IT Sligo is an ideal opportunity to take a short seven-week online programme for free, in a subject area that is relevant across all industries. The award-winning programme runs in Autumn and Spring each year, with full details available from https://www.itsligo.ie/about-it-sligo/online-learning/free-courses/
Faculty of Business & Social Sciences

Head of Faculty
Dr. Michael Barrett

Business 12
Marketing, Tourism & Sport 16
Social Sciences 20
Head of Department Marie Moran

The Department of Business offers online programmes at Levels 6, 7 and 8, and you may undertake study at any level, depending on your existing qualifications.

Our online students come from both the private and public sector and bring a wealth of experience to their programmes of study. Our programmes are aligned with the needs of employers and there are many opportunities for students to work on projects and topics that allow learning to be applied in the workplace, and focus on their own areas of interest.

Our current and past students come from varied career backgrounds, such as banking and finance, technology, medical devices and pharma, and the service sector. We also have students from SMEs, education and people who are just starting out on their career path.

As the programmes are online and accessible as live lectures and recordings, they are attractive also to international students. Many students have progressed to new roles in their organisations or changed careers on achieving their qualification. It is also possible to progress to postgraduate study within IT Sligo or in other Higher Education Institutes.

I was working in customer service and knew I wanted to progress further in the area of management. Studying Online with IT Sligo allowed me to learn from home, while balancing a family and full-time job.

Jillian Coleman
BB MANAGEMENT APPLICATIONS

The course provides a great foundation for a career in business and facilitates access to the Level 7 Degree. I graduated with a greater knowledge of finance and management and I enjoy my job more. My time management, communication and problem-solving skills have all greatly improved. Having the lectures recorded is excellent. Once you are motivated and disciplined, the rewards are there if you want them.

Sharon Shally
Retail Account Manager
HIGHER CERTIFICATE BUSINESS
Higher Certificate in Business

**Delivery Method**
Online

**Total Fees**
€6,000

**Level**
6

**Duration**
2 years (part-time)

**Credits**
120

**Entry Requirement**
5 Leaving Cert subjects (or equivalent) at O6/H7 to include Maths and English/Irish. Applicants over 23 will be considered on prior relevant experience and/or motivation for taking the programme.

**Attendance**
No attendance required.

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Bachelor of Business in Management Applications

**Delivery Method**
Online

**Total Fees**
€3,600

**Level**
7

**Duration**
1 year (part-time)

**Credits**
60

**Entry Requirement**
A Level 6 Higher Certificate (previously called National Certificate) in Business (or cognate area). Recognition of Prior Learning (RPL) available.

**Attendance**
No attendance required.

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Bachelor of Business (Hons) in Business

**Delivery Method**
Online

**Total Fees**
€4,000

**Level**
8

**Duration**
2 years (part-time)

**Credits**
60

**Entry Requirement**
Ordinary Degree (Previously called National Diploma) in business (Level 7 NFQ). RPL available.

**Attendance**
No attendance required.

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FURTHER INFORMATION

Course Co-ordinator
Susan Leonard
admissions@itsligo.ie

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Susan Leonard
admissions@itsligo.ie
Our aim with all of our programmes is to give students with an entrepreneurial mind, an opportunity to learn the basics of business success. Along with having a specific passion for marketing, we help students develop the skillset to enhance or develop their career.

The department offers a 13-week part-time online programme, which equip students with the practical skills to plan, create, edit, promote and analyse social media content. The programmes encourage creativity, allowing students to create social media content. Students learn practical skills, such as the software applications used to run and manage campaigns. The applications are matched to those used in industry by business and marketing professionals, ensuring you have the most up to date social media marketing skills.

The two-year, part-time, blended Masters in Marketing programme prepares graduates for a career in Marketing at managerial or senior executive level. Candidates will develop their capacity to provide marketing insight and thought leadership in an organisation. Offering great flexibility to participants, modules are delivered through a combination of online lectures and one-day residentials. Students can study as many or as few modules as they wish per semester.

Having completed an undergraduate honours degree in Exercise & Health Science and worked for several years in the leisure industry, I was keen to progress to Operational or General Manager level but needed the relevant qualification to take that next step. I enrolled in the two-year part-time online Level 8 Bachelor of Business at IT Sligo. The programme offered the opportunity to upskill in core business skills of finance, marketing and people management, whilst continuing in full-time employment.

Having successfully graduated with an honours degree in Business, the option to progress on to the Level 9 Masters in Marketing was the natural next step. Progressing on as a full-time student is challenging, but one of the benefits is the ability to avail of grants through the SUSI system.

My recommendation to anyone considering studying online is to read around the topics as much as possible and ask plenty of questions - there is no such thing as a stupid question, especially when starting out. Lecturing staff are only an email away and are quick with their responses.
Certificate in Social Media Marketing

- **Delivery Method:** Online
- **Total Fees:** €1,000
- **Level:** 6
- **Duration:** 1 semester (part-time)
- **Credits:** 20

**Entry Requirement**

1. The second level school leaver on the basis of Leaving Certificate performance only where minimum Institute entry requirements for L6 programmes will apply.
2. Non-standard applicants.
3. Recognition of Prior Learning (RPL).
4. Applicants should possess a basic level of digital literacy.
5. In addition, international students, whose first language is not English, will be required to prove their English competency through previous examination results, recognised English language tests such as IELTS (6.5 or equivalent required) and through oral communication skills at interview.

**Attendance**

No attendance required.

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Master of Science in Marketing

- **Delivery Method:** Online/Blended
- **Total Fees:** €7,500
- **Level:** 9
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Credits:** 90

**Entry Requirement**

A Level 8 Honours Degree (2.2) or equivalent professional qualification in a business related area or Higher Diploma in Business (Level 8) with a minimum of three specialist marketing modules at Level 7 and/or 8. RPL available.

**Attendance**

One Thursday evening and one Friday per month.

**Please Note:**

You can still complete the M.Sc in Marketing in one year as a full-time student. Furthermore, the blended delivery mode does not in any way impact on any grant entitlement.

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**FURTHER INFORMATION**

**Course Co-ordinator**

Aine Doherty
admissions@itsligo.ie

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**FURTHER INFORMATION**

**Course Co-ordinator**

John Kelleher
admissions@itsligo.ie
Head of Department Dr. Breda Mc Taggart

The Department of Social Sciences has a long tradition within the institute. Established in 1984, it is the largest department within the Faculty of Business and Social Sciences where it caters to the learning needs of over 700 students.

With strong retention rates and student feedback on their learning experiences, the department was shortlisted in 2019 for the Best College of Arts & Social Science in the Education Awards (All-Ireland).

Our Certificate in Introductory Counselling Skills programme has attracted students who wish to use this award to support them in skills development relevant to their current role. The programme also offers a potential pathway into a new career. Graduates are eligible to apply for a place in 2nd year of the IICP Honours Degree under Recognition of Prior Learning, subject to the successful completion of IT Sligo full award and a successful interview with IICP.

The Masters of Social Care and Social Justice programme explores areas of professional practice, professionalism in practice, equity, social transformation, human rights, and how we can affect change within our roles in society. The award supports career progression and development in the field of social care and social justice.

Our Masters in Leadership and Advocacy in the Early Years programme examines areas of inclusive practice, sociology of childhood, contemporary psychology, educational policy and early years leadership and advocacy. It focuses on this exciting and developing sector and how we can lead and advocate for change in this sector. It is the first award in Ireland to have secured PEQAB approval to deliver in Ontario Canada. It is also the only award in the Early Years field that is delivered through a fully blended learning method of delivery.

The Masters in Professional Leadership programme has attracted students from all over the world. It is of value to aspiring leaders in both the private and public industry, exploring areas of strategy, professional leadership, governance, financial management, cumulating in a large research project of interest to the learner. This programme is delivered online, making it accessible anytime anywhere.

My favourite part of the course was linking policy to practice. I work everyday in the sector and it gave me that space and time to really reflect how policy is implemented within the sector. Working full-time and completing a two-years Masters course was only possible by attending weekly online lectures. I could join the live lectures in the evening or watch them back at a time that suited.

Sharon Boles
Sligo County Childcare Committee Manager
MA LEADERSHIP & ADVOCACY IN THE EARLY YEARS
## Special Purpose Award in Applied Arts in Playwork: Practice and Provision

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Delivery Method</th>
<th>Total Fees</th>
<th>Level</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate in Introductory Counselling Skills</td>
<td>Online</td>
<td>€800</td>
<td>6</td>
<td>1 year (part-time)</td>
<td>20</td>
</tr>
<tr>
<td>Postgraduate Diploma in Leadership and Advocacy in the Early Years</td>
<td>Blended</td>
<td>€1,500</td>
<td>6</td>
<td>2 years (part-time)</td>
<td>60</td>
</tr>
<tr>
<td>Master of Arts in Leadership and Advocacy in the Early Years</td>
<td>Blended</td>
<td>€5,000</td>
<td>9</td>
<td>1.5 years (part-time)</td>
<td>60</td>
</tr>
</tbody>
</table>

### Entry Requirement
A minimum qualification at FETAC level 5 (8 modules) in ECCE or equivalent.

### Attendance
On-campus practical workshops, which run three times per semester.

### Please Note:
Experience and employment in the Early Childhood Sector would be of benefit.

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## Certificate in Introductory Counselling Skills

<table>
<thead>
<tr>
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<th>Duration</th>
<th>Credits</th>
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<tr>
<td>Blended</td>
<td>€1,500</td>
<td>6</td>
<td>2 years (part-time)</td>
<td>60</td>
</tr>
</tbody>
</table>

### Entry Requirement
Minimum age of 21 at time of registration. Successful interview at which applicants must demonstrate appropriate work, educational, and care experience. Two written references. Leaving Certificate or equivalent. Garda Vetting.

### Attendance
55% is face to face on campus. This element is very important. There are 6 day long workshops at IT Sligo per semester.

### Please Note:
Graduates of the Certificate in Introductory Counselling Skills at IT Sligo are eligible to apply for a place in 2nd year of the IICP professional counselling Honours Degree under Recognition of Prior Learning, subject to successful completion of IT Sligo full award and a successful application to IICP.

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## Postgraduate Diploma in Leadership and Advocacy in the Early Years

<table>
<thead>
<tr>
<th>Delivery Method</th>
<th>Total Fees</th>
<th>Level</th>
<th>Duration</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blended</td>
<td>€5,000</td>
<td>9</td>
<td>1.5 years (part-time)</td>
<td>60</td>
</tr>
</tbody>
</table>

### Entry Requirement
A 2.2 BA Honours in Early Childhood or cognate discipline and will have at least two years experience working in the early years sector or a related field completed at the end of the programme of study. Students who do not meet the above criteria can apply to be considered through the process of Recognition of Prior Learning (RPL). All applicants who meet the entry criteria will be invited for an interview. Successful interview applicants will be offered a place on the programme.

### Attendance
A five-day residential workshop (Mon-Fri) each semester.

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## Master of Arts in Leadership and Advocacy in the Early Years

<table>
<thead>
<tr>
<th>Delivery Method</th>
<th>Total Fees</th>
<th>Level</th>
<th>Duration</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
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</table>

### Entry Requirement
A 2.2 BA Honours in Early Childhood or cognate discipline and will have at least two years experience working in the early years sector or a related field completed at the end of the programme of study. Students who do not meet the above criteria can apply to be considered through the process of Recognition of Prior Learning (RPL). All applicants who meet the entry criteria will be invited for an interview. Successful interview applicants will be offered a place on the programme.

### Attendance
A five-day residential workshop (Mon-Fri) each semester.

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### Further Information
- **Course Co-ordinator**: Róisín McGlone
  - admissions@itsligo.ie
- **Online Student Advisor**: Eileen Gillen
  - gillen.eileen@itsligo.ie
### Postgraduate Diploma in Social Care and Social Justice

**Delivery Method:** Blended  
**Total Fees:** €4,000  
**Level:** 9  
**Duration:** 1.5 years (part-time)  
**Credits:** 60

**Entry Requirement**  
2.2 Honours Degree in Social Care or in a cognate discipline.  
Two years of professional practice experience in a relevant field.

**Attendance**  
Each module will involve 18 hours online classes and 18 hours on campus face-to-face learning which will be incorporated into a 5 day residential.

**Please Note:**  
All applicants who meet the entry criteria will be invited for an interview.

### Masters in Social Care and Social Justice

**Delivery Method:** Blended  
**Total Fees:** €7,200  
**Level:** 9  
**Duration:** 2 years (part-time)  
**Credits:** 90

**Entry Requirement**  
2.2 Honours Degree in Social Care or in a cognate discipline.  
Two years of professional practice experience in a relevant field.

**Attendance**  
Each module will involve 18 hours online classes and 18 hours on campus face-to-face learning which will be incorporated into a 5 day residential.

**Please Note:**  
All applicants who meet the entry criteria will be invited for an interview.

### Certificate in Professional Leadership

**Delivery Method:** Online  
**Total Fees:** €3,600  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**  
Applicants should normally hold a 2.2 honours degree award in any discipline.  
It is preferable applicants will have a minimum of 3 years of postgraduate experience.  
For applicants with no formal third level qualification but do have significant experience of leadership in organisations then IT Sligo’s formal RPL process can be used to assess the suitability of applicants for entry into the programme.

**Attendance**  
No attendance required.

### Masters in Professional Leadership

**Delivery Method:** Online  
**Total Fees:** €5,000  
**Level:** 9  
**Duration:** 2 years (part-time)  
**Credits:** 90

**Entry Requirement**  
Applicants should normally hold a 2.2 honours degree award in any discipline.  
It is preferable applicants will have a minimum of 3 years of postgraduate experience.  
For applicants with no formal third level qualification but do have significant experience of leadership in organisations then IT Sligo’s formal RPL process can be used to assess the suitability of applicants for entry into the programme.

**Attendance**  
No attendance required.

---

**FURTHER INFORMATION**

**Course Co-ordinator**  
Leonard Taylor  
admissions@itsligo.ie

**Online Student Advisor**  
Eileen Gillen  
gillen.eileen@itsligo.ie

**Course Co-ordinator**  
Esther Quinn  
admissions@itsligo.ie

**Online Student Advisor**  
Eileen Gillen  
gillen.eileen@itsligo.ie

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**FURTHER INFORMATION**

**Course Co-ordinator**  
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admissions@itsligo.ie

**Online Student Advisor**  
Eileen Gillen  
gillen.eileen@itsligo.ie
Faculty of Engineering & Design

Head of Faculty
Úna Parsons

<table>
<thead>
<tr>
<th>Department</th>
<th>Page</th>
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<tbody>
<tr>
<td>Civil Engineering &amp; Construction</td>
<td>28</td>
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<tr>
<td>Computing &amp; Electronic Engineering</td>
<td>46</td>
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<tr>
<td>Mechanical &amp; Manufacturing Engineering</td>
<td>56</td>
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<tr>
<td>Mechatronic Engineering</td>
<td>66</td>
</tr>
<tr>
<td>Yeats Academy of Arts, Design &amp; Architecture</td>
<td>74</td>
</tr>
</tbody>
</table>
In close collaboration with industry, the Department of Civil Engineering and Construction has developed Ireland’s largest suite of part-time online construction related programmes from Certificate Level 6, to Masters Level 9. Programmes range from Construction and Project management, accredited with the Chartered Institute of Building (CIOB), Quantity Surveying, accredited with the Society of Chartered Surveyors of Ireland (SCSI) and an MEng in Road and Transport Engineering being accredited by Engineers Ireland.

In addition, the department has formally collaborated with industry partners to address key skill requirements. These include a programme in road safety for Transport Infrastructure Ireland, a suite of road and transport related programmes for the Department of Transport, programmes at Level 6 and Level 9 with Irish Water and Property Services, Facilities Management and M&E Quantity Surveying with the SCSI.

There were two main reasons for picking IT Sligo. Looking at Springboard options, IT Sligo was the Institute that offered the largest number of programmes using online delivery. This gave me the confidence that they knew what they were doing in that space. The second reason was the programme itself – the content is extremely relevant to my industry and whilst I graduate with a Higher Certificate, the qualification is embedded into IT Sligo’s Masters in Project Management, meaning I now have a progression path into earning a Masters. With 90% funding for the Certificate, I have one year of the three years Masters programme completed.

Richard O’Donovan
Chartered Civil/Structural Engineer
CERTIFICATE BIM & LEAN CONSTRUCTION MANAGEMENT
### Progression Paths

#### CONSTRUCTION PROGRAMMES

<table>
<thead>
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<th>Level 6</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>L5 - Leaving Certificate</td>
<td>L6 - 120 Credits</td>
<td>L7 - 180 Credits</td>
<td>L8 - 240 Credits</td>
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<tr>
<td></td>
<td>Cert in Facilities Management (60 credits)</td>
<td>Cert in Construction Site Management (30 credits)</td>
<td>Cert in Digital Construction Technology (30 credits)</td>
<td>BSc Construction Project Management (60 credits)</td>
</tr>
<tr>
<td></td>
<td>Cert in Property Services (60 credits)</td>
<td>Cert in Construction Site Management (30 credits)</td>
<td>Cert in Digital Construction Technology (30 credits)</td>
<td>BSc Quantity Surveying (60 credits)</td>
</tr>
<tr>
<td></td>
<td>Higher Certificate in Construction Economics (60 credits)</td>
<td>Cert in Construction Site Management (30 credits)</td>
<td>Cert in Digital Construction Technology (30 credits)</td>
<td>Certificate in Quantity Surveying (30 credits)</td>
</tr>
</tbody>
</table>

#### MAJOR AWARD

- Cert in Construction Law, Procurement & Finance (15 credits)
- Cert in BIM & Lean Construction Management (25 credits)
- Cert in Strategic Construction Management (30 credits)
- Cert in Project Management (30 credits)

#### MINOR AWARD

- Postgraduate Diploma/Masters in Project Management (60/90 credits)

### CIVIL ENGINEERING PROGRAMMES

<table>
<thead>
<tr>
<th>Level 6</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
<th>Entry Requirements</th>
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<tbody>
<tr>
<td></td>
<td>L5 - Leaving Certificate</td>
<td>L6 - 120 Credits</td>
<td>L7 - 180 Credits</td>
<td>L8 - 240 Credits</td>
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<td>Cert in Water and Wastewater Treatment Operations (30 credits)</td>
<td>Cert in Environmental Management (60 credits)</td>
<td>Cert in Drinking Water Treatment Operations (60 credits)</td>
<td>Cert in Water and Wastewater Treatment Operations (120 credits)</td>
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</table>

#### MAJOR AWARD

- Department of Environmental Science
- BSc (Hons) in Environmental Management (60 credits)

#### MINOR AWARD

- Department of Environmental Science
- Postgraduate Diploma/Masters in Water Services Management (60/90 credits)

#### MAJOR AWARD

- Department of Civil Engineering
- Postgraduate Diploma/Masters in Road and Transport Engineering (60/90 credits)

#### MINOR AWARD

- Department of Civil Engineering
- Postgraduate Diploma/Masters in Road and Transport Engineering (60/90 credits)
## Certificate in Facilities Management

<table>
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<tr>
<th>Delivery Method</th>
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<tr>
<td>Total Fees</td>
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<td>Level</td>
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<td>Duration</td>
<td>1 year (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
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</table>

### Entry Requirement

Level 5 qualification (e.g., leaving certificate) and currently in full-time employment in a related role in industry. For candidates without Level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

### Attendance

We have one workshop each semester. Workshops in Sligo and Dublin on a Friday in November and March. Attendance at the workshop days is encouraged but not mandatory.

### Please Note:

Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI)

### FURTHER INFORMATION

Course Co-ordinator
Barrie Cox
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

## Certificate in Property Services

<table>
<thead>
<tr>
<th>Delivery Method</th>
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<tbody>
<tr>
<td>Total Fees</td>
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<tr>
<td>Duration</td>
<td>1 year (part-time)</td>
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<td>Credits</td>
<td>60</td>
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### Entry Requirement

Level 5 qualification (e.g., leaving certificate) and currently in full-time employment in a related role in industry. For candidates without Level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

### Attendance

We have one workshop each semester. Workshops in Sligo and Dublin on a Friday in November and March. Attendance at the workshop days is encouraged but not mandatory.

### Please Note:

Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI)

### FURTHER INFORMATION

Course Co-ordinator
Barrie Cox
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

## Higher Certificate in Property Services and Facilities Management

<table>
<thead>
<tr>
<th>Delivery Method</th>
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<tbody>
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<td>Total Fees</td>
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<td>Duration</td>
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<td>Credits</td>
<td>120</td>
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</tbody>
</table>

### Entry Requirement

Level 5 qualification (e.g., leaving certificate) and currently in full-time employment in a related role in industry. For candidates without Level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

### Attendance

We have one workshop each semester. Workshops in Sligo and Dublin on a Friday in November and March. Attendance at the workshop days is encouraged but not mandatory.

### Please Note:

Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI) and enables graduates to apply to the PRSA to be granted A, B, C and D licences.

### FURTHER INFORMATION

Course Co-ordinator
Sean McGagh
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

## Higher Certificate in Construction Economics

<table>
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<th>Delivery Method</th>
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<td>Total Fees</td>
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<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
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</tbody>
</table>

### Entry Requirement

NFQ Level 5 or equivalent and Recognition of Prior Learning.

### Attendance

No attendance required.

### Please Note:

Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI) and enables graduates to apply to the PRSA to be granted A, B, C and D licences.

### FURTHER INFORMATION

Course Co-ordinator
Sean McGagh
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie
**Certificate in Water and Waste Water Treatment Operations**

**Entry Requirement**
Level 5 qualification (e.g. leaving certificate). For candidates without level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken.

**Attendance**
Two one day workshops will take place each semester in IT Sligo. Attendance at the workshops will be compulsory.

**Please Note:** Programme developed in collaboration with Irish Water.

**FURTHER INFORMATION**

**Course Co-ordinator**
Mel Casserly
admissions@itsligo.ie

**Online Student Advisor**
Michelle Bruen
bruen.michelle@itsligo.ie

**Certificate in Waste Water Treatment Operations**

**Entry Requirement**
Level 5 qualification (e.g. leaving certificate). For candidates without level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken.

**Attendance**
Two one day workshops will take place each semester in IT Sligo. Attendance at the workshops will be compulsory.

**Please Note:** Programme developed in collaboration with Irish Water. Accredited by Chartered Institute of Water & Environmental Management. Approved Irish Water and Local Authority employees will have fees funded.

**FURTHER INFORMATION**

**Course Co-ordinator**
Mel Casserly
admissions@itsligo.ie

**Online Student Advisor**
Michelle Bruen
bruen.michelle@itsligo.ie

**Certificate in Drinking Water Treatment Operations**

**Entry Requirement**
Level 5 qualification (e.g. leaving certificate). For candidates without level 5 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken.

**Attendance**
Two one day workshops will take place each semester in IT Sligo. Attendance at the workshops will be compulsory.

**Please Note:** Programme developed in collaboration with Irish Water. Accredited by Chartered Institute of Water & Environmental Management. Approved Irish Water and Local Authority employees will have fees funded.

**FURTHER INFORMATION**

**Course Co-ordinator**
Mel Casserly
admissions@itsligo.ie

**Online Student Advisor**
Michelle Bruen
bruen.michelle@itsligo.ie

**Certificate in Construction Site Management**

**Entry Requirement**
Applicants should hold a related Level 6 National/Higher Certificate or a Senior Craft Certificate (Merit award) or equivalent and two years relevant work experience.

**Attendance**
No attendance required.

**FURTHER INFORMATION**

**Course Co-ordinator**
Owen Feeney
admissions@itsligo.ie

**Online Student Advisor**
Michelle Bruen
bruen.michelle@itsligo.ie
## Certificate in Digital Construction Technology

**Delivery Method**: Online  
**Total Fees**: €3,400  
**Level**: 7  
**Duration**: 1 year (part-time)  
**Credits**: 30

**Entry Requirement**  
Applicants should hold a related Level 6 National/Higher Certificate or a Senior Craft Certificate (Merit award) or equivalent. Applicants with other qualifications and/or with relevant experience will also be considered through IT Sligo’s Recognition of Prior Learning (RPL) process. Please contact the Programme coordinator to discuss.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Owen Feeney  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science in Construction Management

**Delivery Method**: Online  
**Total Fees**: €6,800  
**Level**: 7  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
Applicants should hold a related Level 6 National/Higher Certificate or a Senior Craft Certificate (Merit award) or equivalent and two years relevant work experience. RPL also available.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Owen Feeney  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science in Quantity Surveying

**Delivery Method**: Online  
**Total Fees**: €6,800  
**Level**: 7  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
L6 qualification in a relevant discipline or equivalent. Applicants with other qualifications and with relevant work experience may also be considered through IT Sligo’s Recognised Prior Learning (RPL) process.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Leigh McLoughlin  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science (Hons) in Quantity Surveying

**Delivery Method**: Online  
**Total Fees**: €8,400  
**Level**: 8  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
A minimum final result of 50% in a cognate Level 7 degree. RPL also available.

**Attendance**  
No attendance required.

**Please Note:**  
Accredited by Society of Chartered Surveyors Ireland (SCSI) the Royal Institute of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB). Graduates have the opportunity to achieve full chartered status following successful completion of Assessment of Professional Competence (APC).

**Further Information**  
Course Co-ordinator: Leigh McLoughlin  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Certificate in Digital Construction Technology

**Delivery Method**: Online  
**Total Fees**: €3,400  
**Level**: 7  
**Duration**: 1 year (part-time)  
**Credits**: 30

**Entry Requirement**  
Applicants should hold a related Level 6 National/Higher Certificate or a Senior Craft Certificate (Merit award) or equivalent. Applicants with other qualifications and/or with relevant experience will also be considered through IT Sligo’s Recognition of Prior Learning (RPL) process. Please contact the Programme coordinator to discuss.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Owen Feeney  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science in Construction Management

**Delivery Method**: Online  
**Total Fees**: €6,800  
**Level**: 7  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
Applicants should hold a related Level 6 National/Higher Certificate or a Senior Craft Certificate (Merit award) or equivalent and two years relevant work experience. RPL also available.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Owen Feeney  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science in Quantity Surveying

**Delivery Method**: Online  
**Total Fees**: €6,800  
**Level**: 7  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
L6 qualification in a relevant discipline or equivalent. Applicants with other qualifications and with relevant work experience may also be considered through IT Sligo’s Recognised Prior Learning (RPL) process.

**Attendance**  
No attendance required.

**Further Information**  
Course Co-ordinator: Leigh McLoughlin  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie

## Bachelor of Science (Hons) in Quantity Surveying

**Delivery Method**: Online  
**Total Fees**: €8,400  
**Level**: 8  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**  
A minimum final result of 50% in a cognate Level 7 degree. RPL also available.

**Attendance**  
No attendance required.

**Please Note:**  
Accredited by Society of Chartered Surveyors Ireland (SCSI) the Royal Institute of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB). Graduates have the opportunity to achieve full chartered status following successful completion of Assessment of Professional Competence (APC).

**Further Information**  
Course Co-ordinator: Leigh McLoughlin  
admissions@itsligo.ie  
Online Student Advisor: Michelle Bruen  
bruen.michelle@itsligo.ie
Bachelor of Science (Hons) in Construction Project Management

Entry Requirement
A level 7 qualification in a related construction/engineering discipline. RPL available.

Attendance
No attendance required.

Please Note:
Accredited by Society of Chartered Surveyors Ireland (SCSI). Accredited by the Chartered Institute of Building (CIIOB).

Certificate in BIM and Lean Construction Management

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Attendance
No attendance required.

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Certificate in Construction Law, Procurement and Finance

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Attendance
No attendance required.

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Certificate in Project Management

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Attendance
No attendance required.

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

FURTHER INFORMATION
Course Co-ordinator
Daniel Clarke Hagan
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie
Postgraduate Certificate in Road Maintenance Engineering and Network Management

Entry Requirement
BEng (Hons) in Civil Engineering or equivalent. Recognition of Prior Learning (RPL) entry is possible for those without the standard academic entry qualifications who possess significant experience and/or professional awards and training relevant to this programme.

Attendance
No attendance required.

Delivery Method
Online

Total Fees
€4,500

Level
9

Duration
1 year (part-time)

Credits
30

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Master of Science in Project Management

Entry Requirement
A minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. RPL Available.

Attendance
No attendance required.

Delivery Method
Online

Total Fees
€10,500

Level
9

Duration
3 years (part-time)

Credits
90

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Certificate in Strategic Construction Management

Delivery Method
Online

Total Fees
€4,500

Level
9

Duration
1 year (part-time)

Credits
30

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Applicants with other qualifications and with relevant work experience may also be considered through Recognition of Prior Learning (RPL).

Attendance
No attendance required.

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Postgraduate Diploma in Project Management

Entry Requirement
A minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Applicants with other qualifications and with relevant work experience may also be considered through Recognition of Prior Learning (RPL).

Attendance
No attendance required.

Delivery Method
Online

Total Fees
€8,400

Level
9

Duration
2 years (part-time)

Credits
60

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Certificate in Strategic Construction Management

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Applicants with other qualifications and with relevant work experience may also be considered through Recognition of Prior Learning (RPL).

Attendance
No attendance required.

Delivery Method
Online

Total Fees
€4,500

Level
9

Duration
1 year (part-time)

Credits
30

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie

Certificate in Strategic Construction Management

Entry Requirement
Candidates will be expected to hold a minimum second-class honours degree Level 8 qualification in a relevant discipline or equivalent. As this programme caters for all professions, any Level 8 qualification will be considered.

Applicants with other qualifications and with relevant work experience may also be considered through Recognition of Prior Learning (RPL).

Attendance
No attendance required.

Delivery Method
Online

Total Fees
€4,500

Level
9

Duration
1 year (part-time)

Credits
30

FURTHER INFORMATION
Course Co-ordinator
David Collery
admissions@itsligo.ie

Online Student Advisor
Michelle Bruen
bruen.michelle@itsligo.ie
**Certificate in Road Engineering and Design**

**Entry Requirement**
A pass in a BEng Honours degree (Level 8) in Civil Engineering or a related discipline or equivalent. Other suitable applicants may be accepted for entry on successful completion of an RPL (Recognition of Prior Learning) evaluation process.

**Attendance**
Workshops occur twice per semester at IT Sligo or remotely online on a Friday, generally from 9.30-4.30pm. This equates to four workshops per academic year (two semesters).

**Further Information**
Course Co-ordinator: Brian McCann
admissions@itsligo.ie
Online Student Advisor: Michelle Bruen
bruen.michelle@itsligo.ie

---

**Certificate in Road Safety Audit and Engineering**

**Entry Requirement**
An honours BEng degree (Level 8) in Civil Engineering or equivalent. Recognition of Prior Learning (RPL) entry is also possible for those without the standard academic entry qualifications who possess significant experience and/or professional awards and training relevant to this programme.

**Attendance**
There are two site visits required for the Road Safety Project module workshops, at least one will be facilitated by the lecturers in Sligo.

**Please Note:**
Programme developed in conjunction with Transport Infrastructure Ireland (TII). September and January intake for this programme.

**Further Information**
Course Co-ordinator: Brian McCann
admissions@itsligo.ie
Online Student Advisor: Michelle Bruen
bruen.michelle@itsligo.ie

---

**Postgraduate Diploma in Engineering in Road and Transport Engineering**

<table>
<thead>
<tr>
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<td>Total Fees</td>
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<td>Level</td>
<td>9</td>
</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>30</td>
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**Entry Requirement**
A second class honours BEng degree in Civil Engineering or equivalent.

**Attendance**
Workshops occur twice per semester at IT Sligo on a Friday, generally from 9.30-4.30pm. This equates to four workshops per academic year (two semesters).

**Please Note:**
Successful graduates of the Level 9 Certificate in Road Maintenance Engineering & Network Management can transfer to Stage 2 of this programme. Programme developed in collaboration with Local Authority Services National Training Group (LASNTG) and Department of Transport.

**Further Information**
Course Co-ordinator: Brian McCann
admissions@itsligo.ie
Online Student Advisor: Michelle Bruen
bruen.michelle@itsligo.ie

---

**Master of Engineering in Road and Transport Engineering**

<table>
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<tr>
<th>Delivery Method</th>
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<tr>
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<tr>
<td>Level</td>
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</tr>
<tr>
<td>Duration</td>
<td>3 years (part-time)</td>
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<td>Credits</td>
<td>90</td>
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**Entry Requirement**
The entry requirement for Stage 1 of the programme is a second class honours BEng degree in Civil Engineering or equivalent.

**Attendance**
Workshops occur twice per semester at IT Sligo on a Friday, generally from 9.30-4.30pm. This equates to four workshops per academic year (two semesters).

**Please Note:**
Programme accredited by Engineers Ireland. Programme developed in collaboration with Local Authority Services National Training Group (LASNTG) and Department of Transport. For Local Authority Engineers nominated by their employer 80% is funded by DTTAS and 20% by employer.

**Further Information**
Course Co-ordinator: Brian McCann
admissions@itsligo.ie
Online Student Advisor: Michelle Bruen
bruen.michelle@itsligo.ie
# Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).

---

## Certificate in Geotechnical and Structural Engineering

**Delivery Method:** Online  
**Total Fees:** €3,500  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
The minimum entry requirements are a second class honours (2.2) award in a professionally accredited (Engineers Ireland or equivalent) Honours degree (Level 8) in Civil or Structural Engineering. Other suitable applicants may be accepted on completion of a Recognition of Prior Learning (RPL) process.

**Attendance**
Workshops take place twice per semester, on Fridays, at IT Sligo.

---

## Certificate in Engineering in Bridge Engineering

**Delivery Method:** Online  
**Total Fees:** €3,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 20

**Entry Requirement**
A pass in a BEng Honours degree (Level 8) in Civil Engineering or a related discipline or equivalent. Other suitable applicants may be accepted for entry on successful completion of an RPL (Recognition of Prior Learning) evaluation process.

**Attendance**
Workshops occur twice per semester at IT Sligo or remotely on-line on a Friday, generally from 9.30-4.30pm. This equates to four workshops per academic year (two semesters).

---

## Certificate in Geotechnical/Structural Engineering Joint Programme

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 2/3 years (part-time)  
**Credits:** 90

**Entry Requirement**
The minimum entry requirements are a second class honours (2.2) award in a professionally accredited (Engineers Ireland or equivalent) Honours degree (Level 8) in Civil or Structural Engineering. Other suitable applicants may be accepted on completion of a Recognition of Prior Learning (RPL) process.

**Attendance**
Workshops take place twice per semester, on Fridays, at IT Sligo.

---

## Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).

---

## Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).

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## Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).

---

## Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).

---

## Certificate in Mechanical and Electrical Quantity Surveying

**Delivery Method:** Online  
**Total Fees:** €9,000  
**Level:** 9  
**Duration:** 1 year (part-time)  
**Credits:** 30

**Entry Requirement**
A level 8 Qualification in Quantity Surveying or Building Services or other cognate discipline. For candidates without level 8 qualifications, a process of Recognition of Prior Learning (RPL) can be undertaken to assess the candidates’ suitability to the course.

**Attendance**
No attendance required.

**Please Note:**
Programme developed in collaboration with Society of Chartered Surveyors Ireland (SCSI).
The Department of Computing and Electronic Engineering offers a number of programmes online including programmes at Level 7, 8 and 9. Electronic Engineering programmes are offered at Level 7 and 8. At Level 9 we offer an M.Eng. in Connected and Autonomous Vehicles. This programme was developed in collaboration with a number of companies along the western corridor specialising in this area including Jaguar Land Rover, Analog Devices and Valeo.

Computing programmes in the areas of Software Development and Networking & Cloud Infrastructure are offered at Level 8 and we also offer a Higher Diploma in Computing which is a conversion course for those with an existing Level 8 in a non-computing discipline. At Level 9 we offer an MSc in Data Science, which was launched in January 2020. Our computing programmes were developed in consultation with our industry partners in the TechNorthWest Cluster and a number of ICT companies nationally with a view to meeting the current demand in the industry for computing graduates. The TechNorthWest Cluster is a group comprised of many of the leading ICT employers from the region including Overstock, LiveTiles and Cora Systems. IT Sligo has played a central role in supporting the emergence of an ICT Cluster in the region.

All our online programmes provide students with the opportunity for career advancement to upskill in the latest technologies while continuing to work. While the lectures are primarily delivered live, they are also recorded so students can work at their own pace and in their own time, thereby providing flexibility.

“At Overstock, we have 14 development teams and within each team, we have data analysts. We have a huge amount of data coming through our ecommerce website. We need to be able to make sense of that data. The Masters in Data Science from IT Sligo, gives people the opportunity to upskill in that area, without the need to take four years off. Students can apply what they are learning in the evenings to their current role and also develop a research project that is relevant to their workplace.”

David Kenny
VP of Software Development
Overstock
Certificate in Electronics and Automation

**Entry Requirement**
Phase 6 of a relevant craft certificate or equivalent. Other candidates may gain entry through the recognition of prior learning in accordance with institute procedures.

**Attendance**
Four days per year (two per semester) – Usually Fridays

Bachelor of Engineering in Electronic and Computer Engineering

**Entry Requirement**
Merit Grade at Level 6 (Higher Cert) in Electronic Engineering or related discipline. Applicants who have successfully completed the Certificate in Instrumentation and Electronics are also eligible. Applicants with other qualifications and/or with relevant industrial experience will also be considered through Recognition of Prior Learning (RPL) process.

**Attendance**
Four days per year (two per semester) – Usually Fridays.
### Bachelor of Engineering (Hons) in Electronic and Computer Engineering

- **Entry Requirement**: Over 50% average grade at level 7 in Electronic Engineering or related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

- **Attendance**: Four days per year (two per semester) – Usually Fridays

<table>
<thead>
<tr>
<th>Delivery Method</th>
<th>Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Fees</td>
<td>€8,900</td>
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<tr>
<td>Level</td>
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</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

### Bachelor of Science (Hons) in Computer Networks and Cloud Computing

- **Entry Requirement**: A Level 7 in a Computer Networking programme or cognate area. RPL also available.

- **Attendance**: Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

<table>
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<tr>
<th>Delivery Method</th>
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</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

### Certificate in Computer Networks and Cloud Infrastructure

- **Entry Requirement**: A Level 7 in a Computer Networking programme or cognate area. Recognition of Prior Learning (RPL) is available.

- **Attendance**: Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

<table>
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<tr>
<th>Delivery Method</th>
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<tbody>
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<td>Duration</td>
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</tr>
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<td>Credits</td>
<td>30</td>
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</tbody>
</table>

### Certificate in Software Development

- **Entry Requirement**: A Level 7 in a Software Development programme or cognate area. Recognition of Prior Learning (RPL) is available.

- **Attendance**: Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

<table>
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<tr>
<th>Delivery Method</th>
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<tbody>
<tr>
<td>Total Fees</td>
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<td>Level</td>
<td>8</td>
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<tr>
<td>Duration</td>
<td>1 year (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>30</td>
</tr>
</tbody>
</table>

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**FURTHER INFORMATION**

- **Course Co-ordinator**: Shaun McBrearty
  - E: admissions@itsligo.ie

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**FURTHER INFORMATION**

- **Course Co-ordinator**: Fiona Mitchell
  - E: admissions@itsligo.ie
# Bachelor of Science (Hons) in Software Development

**Entry Requirement**
A Level 7 in a Software Development programme or cognate area. Recognition of Prior Learning (RPL) is accepted.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Delivery Method**
Online

**Total Fees**
€8,400

**Level**
8

**Duration**
2 years (part-time)

**Credits**
60

---

# Certificate in Automotive Artificial Intelligence

**Entry Requirement**
Graduates with a Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme. Programming knowledge (C or Python Programming) and Level 8 Engineering Maths are pre-requisites to the course.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Please Note:**
Programming knowledge (Ideally C++) and Level 8 Engineering Maths are pre-requisites to the course.

**Delivery Method**
Online

**Total Fees**
€4,500

**Level**
9

**Duration**
1 year (part-time)

**Credits**
30

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# Certificate in Sensors for Autonomous Vehicles

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Delivery Method**
Online

**Total Fees**
€4,500

**Level**
9

**Duration**
1 year (part-time)

**Credits**
30

---

**FURTHER INFORMATION**

Bachelor of Science (Hons) in Software Development

- **Course Co-ordinator**
  - Shaun McBrearty
  - admissions@itsligo.ie

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**FURTHER INFORMATION**

Certificate in Sensors for Autonomous Vehicles

- **Course Co-ordinator**
  - Shane Gilroy
  - admissions@itsligo.ie
### Master of Science in Computing (Data Science)

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Please Note:**
Programming knowledge (Ideally Python or C/C++ or R) and mathematics knowledge are prerequisites to the course.

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<td>Total Fees</td>
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<tr>
<td>Level</td>
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<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
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<tr>
<td>Credits</td>
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</table>

### Postgraduate Diploma in Engineering in Connected and Autonomous Vehicles

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Please Note:**
Programming knowledge (Ideally C++) and Level 8 Engineering Maths are prerequisites to the course.

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### Master of Engineering in Connected and Autonomous Vehicles

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

**Attendance**
Can be taken entirely remotely however the opportunity to visit IT Sligo or other designated exam centres will be made available for students who wish to do so.

**Please Note:**
Programming knowledge (Ideally C++) and Level 8 Engineering Maths are prerequisites to the course.

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<td>Duration</td>
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### Postgraduate Diploma in Engineering in Connected and Autonomous Vehicles

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

**Attendance**
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### Master of Engineering in Connected and Autonomous Vehicles

**Entry Requirement**
A Level 8 Honours Degree 2:1 or above in Electronic Engineering, Mechatronic Engineering, Mechanical Engineering, Computer Science or a related discipline are eligible to apply for this programme.

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**Entry Requirement**
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<tr>
<td>Credits</td>
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**FURTHER INFORMATION**

<table>
<thead>
<tr>
<th>Course Co-ordinator</th>
<th>Shane Gilroy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><a href="mailto:admissions@itsligo.ie">admissions@itsligo.ie</a></td>
</tr>
</tbody>
</table>
Department of Mechanical & Manufacturing Engineering

Head of Department Dr. Xavier Velay

Our award-winning Massive Open Online Course (MOOC) in Lean Sigma Quality - White Belt has been delivered to over 15,000 participants in 50 countries, which includes participants from over 1,000 Irish organisations.

“I studied a BA and started working in a Medical Device company in Galway. I decided I wanted to develop my management skills in that area and the BSc in Manufacturing Management covered everything from HR and Accounting to Production – all aspects related to the management role I am currently doing. The online course gave me the best mix of work life balance. I was able to further my career while keeping my work life going as well.”

Patrina Verdon
Nordstrom Medical
BSc Manufacturing Management

The department offers Quality and Manufacturing Management degrees and certifications that are in great demand by employers across all sectors including, medical devices, pharmaceuticals, food, manufacturing, healthcare and services. Many graduates go on to become Quality Managers or pursue specialist careers within the Operational Excellence (OpEx) profession. The course content is regularly reviewed and updated to stay current with industry and employer requirements.

Our OpEx programmes are suited to all levels within an organisation, from operator to supervisor and technician, through to engineers and senior management. Students, enrolling on our Level 7 BSc Quality, L7 BSc Manufacturing Management or Level 8 BSc (Hons) Quality, are also eligible for the internationally recognised Six Sigma Green Belt or Six Sigma Black Belt awards, respectively. Students can obtain this certification in addition to their degree by sitting an external exam.

Since our first online delivery in 2002, our courses have been recognised by the following awards:

• Engineers Ireland Excellence Award - Best in Class for online learning
• Taoiseach’s Public Service Excellence Award - Online learning
• Digital Media Award - Best in e-Learning
Progression Paths

QUALITY AND SUPERVISORY MANAGEMENT PROGRAMMES

<table>
<thead>
<tr>
<th>Level 6</th>
<th>Level 7</th>
<th>Level 8</th>
<th>Level 9</th>
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<tbody>
<tr>
<td>Entry Requirements</td>
<td>Entry Requirements</td>
<td>Entry Requirements</td>
<td>Entry Requirements</td>
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<tr>
<td>L5 - Leaving Certificate</td>
<td>L6 - 120 Credits</td>
<td>L7 - 180 Credits</td>
<td>L8 - 240 Credits</td>
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<tr>
<td>Level 6 Quality Assurance (30 credits)</td>
<td>Level 7 BSc in Manufacturing Management (60 credits)</td>
<td>Level 8 Quality Management &amp; Technology (60 credits)</td>
<td>Level 9 MSc in Quality (60 credits)</td>
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<tr>
<td>Level 6 Work Based Project (30 credits)</td>
<td>Level 7 BSc in Quality (60 credits)</td>
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</tr>
<tr>
<td>Level 6 Validation Technologies (30 credits)</td>
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</table>

WHITE, YELLOW, GREEN, BLACK BELT LEAN SIX SIGMA OPEX COURSES

<table>
<thead>
<tr>
<th>Level 6</th>
<th>Level 7</th>
<th>Level 8</th>
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</thead>
<tbody>
<tr>
<td>White Belt (Non-Accredited)</td>
<td>Level 7 Lean &amp; OpEx: Yellow Belt (15 credits)</td>
<td>Level 8 Six Sigma: Black Belt (30 credits)</td>
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<tr>
<td>Level 7 Lean &amp; OpEx: Yellow Belt (5 credits)</td>
<td>Level 7 Six Sigma: Green Belt (15 credits)</td>
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</table>

MECHANICAL AND MANUFACTURING ENGINEERING

<table>
<thead>
<tr>
<th>Level 6</th>
<th>Level 7</th>
<th>Level 8</th>
<th>Level 9</th>
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<tbody>
<tr>
<td>Level 6 Mechanical Analysis and Automation (35 credits)</td>
<td>Level 6 Precision Engineering and Design (35 credits)</td>
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</tr>
<tr>
<td>Level 7</td>
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</table>

Certificate in Mechanical Analysis and Automation

- Delivery Method: Online
- Total Fees: €1,750
- Level: 6
- Duration: 1 year (part-time)
- Credits: 25

Entry Requirement

Applicants should have or be undertaking an apprenticeship in toolmaking or in a mechanical trade. While it is expected that the majority of apprentices who undertake this programme will do so in the final year of their apprenticeship, it is permissible to spread the modules over the final two years of apprenticeship.

Attendance

Two-four lab days per semester, depending on the modules running that semester.

Certificate in Quality Assurance

- Delivery Method: Online
- Total Fees: €2,100
- Level: 6
- Duration: 1 year (part-time)
- Credits: 30

Entry Requirement

There is no prerequisite to study this programme. However, it is recommended that applicants have achieved a minimum of a O5 (Grade C) at Ordinary Level Mathematics in the Leaving Certificate due to the Statistics and Mathematics covered in the course syllabus.

Attendance

No attendance required.

FURTHER INFORMATION

Course Co-ordinator
Conall Doran
admissions@itsligo.ie

Online Student Advisor
Dara McGoldrick
mcgoldrick.dara@itsligo.ie

Course Co-ordinator
Fiona Donovan
admissions@itsligo.ie

Online Student Advisor
Stephanie Gregg
gregg.stephanie@itsligo.ie
<table>
<thead>
<tr>
<th>Certificate in Validation Technologies</th>
<th>Special Purpose Award Work Based Project</th>
<th>Bachelor of Science in Manufacturing Management</th>
<th>Bachelor of Engineering in Precision Engineering and Design</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Delivery Method</strong></td>
<td>Online</td>
<td>Online</td>
<td>Online</td>
</tr>
<tr>
<td><strong>Total Fees</strong></td>
<td>€2,100</td>
<td>€1,500</td>
<td>€6,400</td>
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<td><strong>Level</strong></td>
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<td>6</td>
<td>7</td>
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<tr>
<td><strong>Duration</strong></td>
<td>1 year (part-time)</td>
<td>1 year (part-time)</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>30</td>
<td>30</td>
<td>30</td>
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</tbody>
</table>

**Entry Requirement**
Pass in the leaving certificate (or equivalent examinations). RPL is also available

**Attendance**
One day practical/ workshop in semester two.

<table>
<thead>
<tr>
<th>Certificate in Validation Technologies</th>
<th>Special Purpose Award Work Based Project</th>
<th>Bachelor of Science in Manufacturing Management</th>
<th>Bachelor of Engineering in Precision Engineering and Design</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Entry Requirement</strong></td>
<td>Pass in the leaving certificate (or equivalent examinations). RPL is also available</td>
<td>Level 6 / Higher Certificate in Business, Science, Engineering or equivalent. RPL is also available</td>
<td>Level 6 in an mechanical or precision engineering or a related discipline.</td>
</tr>
<tr>
<td><strong>Attendance</strong></td>
<td>No attendance required.</td>
<td>No attendance required.</td>
<td>Three-four practical days per semester</td>
</tr>
</tbody>
</table>

**FURTHER INFORMATION**

Certificate in Validation Technologies:
Course Co-ordinator: Fiona Donovan
admissions@itsligo.ie
Online Student Advisor: Stephanie Gregg
gregg.stephanie@itsligo.ie

Special Purpose Award Work Based Project:
Course Co-ordinator: Fionnuala Farrell
admissions@itsligo.ie
Online Student Advisor: Stephanie Gregg
gregg.stephanie@itsligo.ie

Bachelor of Science in Manufacturing Management:
Course Co-ordinator: Caroline Mullan
admissions@itsligo.ie
Online Student Advisor: Stephanie Gregg
gregg.stephanie@itsligo.ie

Bachelor of Engineering in Precision Engineering and Design:
Course Co-ordinator: Conall Doran
admissions@itsligo.ie
Online Student Advisor: Dara McGoldrick
mcgoldrick.dara@itsligo.ie
### Bachelor of Science in Quality

**Entry Requirement**
120 credits at Level 6 (Higher Certificate) qualification in relevant discipline or equivalent. For those who do not have the required equivalent qualifications, it is suggested that you submit a formal application to the Course, noting all your academic achievements and work experience.

**Attendance**
One-two days per semester.

**Please Note:**
- Applicants must also be in a position to carry out a Six Sigma green belt project with an employer.
- We accept candidate resident on the island of Ireland only.

**FURTHER INFORMATION**
- **Course Co-ordinator**
  - Paul Curran
  - admissions@itsligo.ie
- **Online Student Advisor**
  - Stephanie Gregg
  - gregg.stephanie@itsligo.ie

### Certificate in Lean and OpEx (Yellow Belt)

**Delivery Method**
Online

**Total Fees**
€6,400

**Level**
7

**Duration**
2 years (part-time)

**Credits**
60

**Entry Requirement**
There is no prerequisite to study this programme. It is recommended that applicants have a Leaving Certificate or equivalent due to the Statistics covered in the course syllabus.

**Attendance**
No attendance required.

**Please Note:**
- Applicants must also be in a position to carry out a Six Sigma green belt project with an employer.
- IT Sligo will provide a simulated project option if Green Belt applicants can not complete a work-based project.

**FURTHER INFORMATION**
- **Course Co-ordinator**
  - Brian Coll
  - admissions@itsligo.ie
- **Online Student Advisor**
  - Stephanie Gregg
  - gregg.stephanie@itsligo.ie

### Certificate in Lean Sigma Quality (Six Sigma Green Belt)

**Delivery Method**
Online

**Total Fees**
€1,500

**Level**
7

**Duration**
1 year (part-time)

**Credits**
15

**Entry Requirement**
There is no prerequisite to study this programme. It is recommended that applicants have a Leaving Certificate or equivalent due to the Statistics covered in the course syllabus.

**Attendance**
No attendance required.

**Please Note:**
- Applicants must also be in a position to carry out a Six Sigma green belt project with an employer.
- IT Sligo will provide a simulated project option if Green Belt applicants can not complete a work-based project.

**FURTHER INFORMATION**
- **Course Co-ordinator**
  - Brian Coll
  - admissions@itsligo.ie
- **Online Student Advisor**
  - Stephanie Gregg
  - gregg.stephanie@itsligo.ie

### Bachelor of Science in Quality Management and Technology

**Entry Requirement**
Level 7 degree in engineering, science or business discipline at second class honours grade or higher.

**Attendance**
No attendance required.

**FURTHER INFORMATION**
- **Course Co-ordinator**
  - Noeleen Grant
  - admissions@itsligo.ie
- **Online Student Advisor**
  - Stephanie Gregg
  - gregg.stephanie@itsligo.ie
### Certificate in Advanced Lean Sigma Quality (Black Belt)

**Delivery Method**: Online  
**Total Fees**: €4,200  
**Level**: 8  
**Duration**: 1 year (part-time)  
**Credits**: 30

**Entry Requirement**:  
Six Sigma Green Belt or equivalent qualification and three years’ experience in a manufacturing or service environment.

**Attendance**:  
No attendance required.

**Please Note**:  
Applicants must also be in a position to carry out a Six Sigma Black Belt project with an employer.

### Masters in Quality

**Delivery Method**: Online  
**Total Fees**: €9,000  
**Level**: 9  
**Duration**: 2 years (part-time)  
**Credits**: 60

**Entry Requirement**:  
Participants must have one of the following academic qualifications:  
- A 2nd class BSc Hons degree in Quality Management or Higher Diploma in Quality (Level 8.) or equivalent.  
- 2nd class Hons (Level 8.) graduates who are currently in quality engineering/management positions within their respective organisations. These candidates will be selected following interview  
- Candidates not holding the required qualifications, but with significant relevant industrial experience at managerial level will be assessed using the Institute RPL process.

**Attendance**:  
No attendance required.

### FURTHER INFORMATION

**Course Co-ordinator**: John Donovan  
**admissions@itsligo.ie**

**Online Student Advisor**: Stephanie Gregg  
**gregg.stephanie@itsligo.ie**
Head of Department **Dr. David Mulligan**

The Department of Mechatronic Engineering offer three different streams of education namely in Mechatronic Engineering, Data Centres Facilities Engineering and Polymer Processing. All programmes are targeted at people working in industry who want to upskill, and each of the programmes require a Level 6 to gain entry into the Level 7 programmes. However if an applicant does not have the appropriate qualification, we offer a one-year qualifier that is delivered online in each of the streams.

The online programmes in Mechatronic Engineering are suitable for individuals working in Manufacturing seeking to upskill in the areas of Automation and Robotics. Applicants who may not have a relevant third-level qualification, can attend the qualifier Level 6 Certificate in Instrumentation & Automation to gain foundation level skills for progression onto the Level 7 Mechatronics programme.

Our Polymer Processing programme is unique in the skills being offered with many of the lectures in the plastics-related subject being delivered by leading industry experts from UK and Ireland. Candidates may also receive sponsorship from First Polymer Skillnet Ireland. Online lectures are delivered by industry experts and are combined with practical lab work, delivered in partnership with the First Polymer training centre in Athlone.

The new L7 programme BEng. in Data Centre Facilities Engineering was developed in conjunction with input from industry partners Google, Facebook and Microsoft. The programme is suitable for Electricians and Engineers looking to upskill in the areas of Data Centre Facilities Engineering, Control Systems, Power, Water & Sensor Technology. The programme content focuses on implementing sensor technology for key monitoring elements that could impact the reliability and safety of data centres, including building dashboards for collecting and reporting on critical data.

IT Sligo have worked closely with the industry to address the skills deficit, with the course structured to serve the pan-European data centre services community. All of the lectures are delivered online, in English, while the practical laboratory sessions take place at IT Sligo, Ireland and partner college Haute École Louvain en Hainaut (HELHa) in Mons, Belgium.

The course at IT Sligo offered everything from tool design, processing and quality. It allowed me to understand and work in different departments. Everything I learned applied to my every-day job. The main reason I took the course was to achieve a higher position in my career and this qualification allows me to do that.

---

Ronan Collevy, Litec Moulding

BENG POLYMER PROCESSING
Progression Paths

<table>
<thead>
<tr>
<th>MECHATRONICS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 6</td>
<td>Level 7</td>
</tr>
<tr>
<td>Level 6 Polymer Technologies (35 credits)</td>
<td>Level 7 Polymer Processing (60 credits)</td>
</tr>
<tr>
<td>Level 6 Automation &amp; Instrumentation (35 credits)</td>
<td>Level 7 Data Centres Facilities Engineering (60 credits)</td>
</tr>
<tr>
<td>Level 6 Electronics &amp; Automation (35 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Certificate in Automation and Instrumentation

**Entry Requirement**
Phase 6 of a relevant craft certificate or equivalent. Other candidates may gain entry through the recognition of prior learning in accordance with institute procedures.

**Attendance**
Four days per year (two per semester) – Usually Fridays

Certificate in Polymer Technologies

**Entry Requirement**
NFQ Level 5 or equivalent and Recognition of Prior Learning.

**Attendance**
Two lab days per semester + a day in Athlone (FirstPolymer) for each semester (mandatory).

**Please Note:**
Avail of a 20% reduction on fees via your employer - Contact Catherine Collins at First Polymer Training Skillnet c.collins@firstpolymer.com Tel: 090 647 1223

Collen Construction Ltd have successfully appointed some former graduates from the BEng in Data Centre Facilities Engineering who have made a positive contribution to our projects across Europe, with wide-ranging knowledge in many aspects of data centres, which has enhanced their problem-solving capabilities in the field.

---

**FURTHER INFORMATION**

**Course Co-ordinator**
Rudie Coppieters
admissions@itsligo.ie

**Online Student Advisor**
Dara McGoldrick
mcgoldrick.dara@itsligo.ie

---

**FURTHER INFORMATION**

**Course Co-ordinator**
David Mulligan
admissions@itsligo.ie

**Online Student Advisor**
Dara McGoldrick
mcgoldrick.dara@itsligo.ie

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Thomas O’Connor, Director, Collen Construction Ltd
### Bachelor of Engineering in Polymer Processing

- **Delivery Method**: Online
- **Total Fees**: €6,800
- **Level**: 7
- **Duration**: 2 years (part-time)
- **Credits**: 60

**Entry Requirement**
NFQ Level 6 in a relevant discipline or Advanced Craft Certificate or equivalent. RPL also available.

**Attendance**
There are about two lab days per semester required which will be on a Friday (mandatory).

**Please Note:**
Avail of a 20% reduction on fees via your employer - Contact Catherine Collins at First Polymer Training Skillnet c.collins@firstpolymer.com Tel: 090 647 1223

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### Bachelor of Engineering in Mechatronics

- **Delivery Method**: Online
- **Total Fees**: €6,800
- **Level**: 7
- **Duration**: 2 years (part-time)
- **Credits**: 60

**Entry Requirement**
NFQ 6 (Higher Certificate) qualification in relevant discipline or equivalent. Holders of National Craft Certificate or Advanced Craft Certificate in an appropriate discipline and with adequate relevant industrial experience may also qualify for entry to the course.

**Attendance**
Students are required to attend four lab days per year at IT Sligo.

---

### Bachelor of Engineering in Data Centre Facilities Engineering

- **Delivery Method**: Online
- **Total Fees**: €7,000
- **Level**: 7
- **Duration**: 2 years (part-time)
- **Credits**: 60

**Entry Requirement**
A Higher Certificate award in a related technical discipline Or A Senior Trades Craft Apprenticeship in a related discipline and a minimum five years’ relevant industrial experience.

In conjunction with this, students must hold a Maths qualification* that enables them to undertake the Maths module on this specific programme.

**Attendance**
Attendance is required - There will be one four or five day lab session every year, in the Spring. These are held in either HelHa, in Mons, Belgium, or IT Sligo.

**Please Note:**
For applicants who may not have proficiency in Maths, a study course is available online through IT Sligo during the first and second semester.

---

### Bachelor of Engineering (Hons) in Mechatronics

- **Delivery Method**: Online
- **Total Fees**: €8,900
- **Level**: 8
- **Duration**: 2 years (part-time)
- **Credits**: 60

**Entry Requirement**
Level 7 qualification on the NFQ (formerly National Diploma), with a GPA of 50% or above, in relevant discipline or equivalent.

**Attendance**
Four days per year (2 per semester) – Usually Fridays

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### Further Information

**Course Co-ordinator**
David Mulligan
admissions@itsligo.ie

**Online Student Advisor**
Dara McGoldrick
mcgoldrick.dara@itsligo.ie

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**Course Co-ordinator**
Eamonn Reddin / Kevin Collins
admissions@itsligo.ie

**Online Student Advisor**
Dara McGoldrick
mcgoldrick.dara@itsligo.ie

---

**Course Co-ordinator**
Conor Lawlor
admissions@itsligo.ie

**Online Student Advisor**
Dara McGoldrick
mcgoldrick.dara@itsligo.ie
Bachelor of Engineering (Hons) in Polymer Processing

Delivery Method: Online
Total Fees: €8,400
Level: 8
Duration: 2 years (part-time)
Credits: 60

Entry Requirement
Level 7 BEng in Polymer Processing, Polymer Engineering or a related discipline.

Attendance
No attendance required. All practical elements are completed online through simulation.

FURTHER INFORMATION
Course Co-ordinator
David Mulligan
admissions@itsligo.ie

Online Student Advisor
Dara McGoldrick
mcgoldrick.dara@itsligo.ie
Head of Department  Emmet O’Doherty

The Yeats Academy of Arts, Design and Architecture is a catalyst for creativity. It provides accessible learning experiences across creative disciplines that engage with and build on the rich cultural legacy and genius loci of our region.

Our online programmes illuminate the value of creativity and cultural contribution to society, and they seek to make a lasting contribution, locally and globally. We believe that just as poetry possesses universality as well as an acutely personal sentiment, all creative disciplines provide a perspective into how we interact and how we seek meaning between ourselves and the world that surrounds us.

We advocate that a Creative Culture can be an engine for economic and social development and become a path for economic growth. We realise that a Creative Culture is a powerful tool to engage citizens and communities, and is intrinsic to improving quality of life and living standards and can make a real difference to people’s lives.

We realise that a Creative Culture is a powerful tool to engage citizens and communities, is intrinsic to improving quality of life and living standards, and can make a real difference to people’s lives. We believe that a Creative Culture provides the best possible platform from which to pursue key social goals, such as tackling disadvantage, inequality and accessibility.

We support the vision for Project Ireland 2040 - to have “a creative, innovative and culturally attuned society in our region, so that people, businesses and communities are equipped to further both our national economic output and our artistic endeavour.

“I think the Writing and Literature course is the only one that focusses on writing in English as a creative process, rather than an academic subject, so for the more artistically inclined people, the course stands out.”

Blaithin Ryan
BA (HONS) WRITING & LITERATURE
Bachelor of Arts (Hons) in Writing and Literature

Entry Requirement
A minimum of four grade O6/H7 and two grade H5. English or Irish (at O6/H7). Maths is not required.
QQI FE: Any Major award with a minimum of 3 Distinctions and a pass in C20139, 5N1833, C20174 or C20175.
A number of places are reserved for mature candidates who must be 23 years or over in the year of application. Candidates holding alternative examinations should contact the admissions office.

Attendance
No attendance required.

Please Note:
Application to the full-time undergraduate programme must apply to the CAO for admission. For full details and deadlines see www.cao.ie

Bachelor of Arts (Hons) in Interior Architecture and Design

Entry Requirement
Applicants must have obtained a merit 2 level 7 degree or equivalent in a relevant discipline (e.g. Interior Design or Interior Architecture). Alternatively, equivalency in prior learning and experience must be demonstrated through a criteria-matched digital portfolio of work and/or interview with portfolio.

Attendance
No attendance required.

Please Note:
Students have the option to study full-time or part-time. Hybrid design studio delivered concurrently to students both on-campus and online.

Master of Arts in Creative Practice

Entry Requirement
The programme is designed as Level 9 Masters study for applicants who already hold an Honours Degree (2:2 minimum) in a cognate area to the specialism pathways offered. The programmes welcomes participants from varied disciplinary backgrounds to apply.
All candidates are required to submit a brief (500-word) ‘Statement of Intent’ that outlines their engagement with their intended ‘Pathway Specialism’; and a preliminary topic for thesis study.
All Candidates must also upload either:
A) a portfolio of selected work which should include relevant previous work (e.g. artwork, drawings, photographs, film, podcast, or evidence of work in a cognate area).
B) a sample of writing up to 1,000 words (e.g. prose, poetry, academic assignment, etc.)

Attendance
Attendance for 5 consecutive days may be required for one module in Semester 2. Attendance for end of semester presentations may also be required depending on your specialist area of study.

Please Note:
Students have the option to study full-time or part-time. Hybrid design studio delivered concurrently to students both on-campus and online.

Pathway Specialisms offered include:
- Architecture
- Creative Enterprise
- Creative Writing
- Cultural and Creative Industries
- Design
- Design & Craft
- Directing and Production
- Drama and Performance
- English Literary Studies
- Film and Digital Media
- Fine Art
- Interior Architecture
- Interdisciplinary Practice
- Playwriting
- Screenwriting
- Theatre and Performance Design

Further Information
Course Co-ordinator
Elaine Regan
admissions@itsligo.ie

Project Manager
Louise Kearins
kearins.louise@itsligo.ie
Faculty of Science

Head of Faculty
Dr. Jerry Bird

Environmental Science  80
Health & Nutritional Science  90
Life Sciences  98
Within the department, we have a dedicated and expert lecturing team with in-depth expertise in all aspects of Occupational Safety and Health (OSH), Environmental Science and Archaeology.

At IT Sligo, we have been delivering environmental education for over thirty years. We have an excellent reputation in educating and mentoring our students, equipping them with work-ready skills.

Our graduates are working in agencies, authorities, industries, academia and NGOs throughout Ireland, Europe and globally. This provides us with an extensive network that benefits all our OSH and Environmental Science students.

In 2020, IT Sligo launched a new online programme ‘Certificate in Irish Archaeology’. It comprises of three separate modules, two of which will be offered online and the third module consists of a two-week summer school in the historic town of Sligo in the North-West of Ireland.

The BSc in Environmental Management offers modules that are extremely relevant to the work carried out at the EPA, from Environmental Legislation and Drinking Water Treatment to Energy Use and Sustainability.
## Certificate in Compost Facility Operation

**Entry Requirement**
There are no entry requirements for this course.

**Attendance**
Delivered over 6 days, comprising three blocks of 2 days over a period of two months.

**Please Note:**
Run through Cre.

## Certificate in Irish Wild Flower Identification

**Entry Requirement**
There are no entry requirements for this course.

**Attendance**
Weekend Workshops.

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### Progression Paths

#### ENVIRONMENTAL SCIENCE

<table>
<thead>
<tr>
<th>Level</th>
<th>Entry Requirements</th>
<th>Level</th>
<th>Entry Requirements</th>
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<tbody>
<tr>
<td>6</td>
<td>L6 - 120 Credits</td>
<td>7</td>
<td>L7 - 180 Credits</td>
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<td>L8 - 240 Credits</td>
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#### OCCUPATIONAL SAFETY & HEALTH

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<th>Level</th>
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<tbody>
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<td>8</td>
<td>L8 - 240 Credits</td>
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</table>

#### WATER SERVICES MANAGEMENT

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<th>Level</th>
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<th>Entry Requirements</th>
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<tr>
<td>6</td>
<td>L6 - 120 Credits</td>
<td>7</td>
<td>L7 - 180 Credits</td>
</tr>
</tbody>
</table>

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### Further Information

#### Certificate in Compost Facility Operation

- **Course Co-ordinator**: Frances Lucy
- **admissions@itsligo.ie**
- **Online Student Advisor**: Eileen Gillen
  - gillen.eileen@itsligo.ie

#### Certificate in Irish Wild Flower Identification

- **Course Co-ordinator**: Dolores Byrne
- **admissions@itsligo.ie**
- **Online Student Advisor**: Eileen Gillen
  - gillen.eileen@itsligo.ie
Certificate in Health and Safety Representation

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>There are no entry requirements for this course.</th>
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<tbody>
<tr>
<td>Attendance</td>
<td>No attendance required.</td>
</tr>
<tr>
<td>Please Note:</td>
<td>This course does not require any attendance at IT Sligo. The course is 100% Continuous Assessment with no final examinations. If a student successfully completes this Certificate, they are eligible to apply for exemption from the Health and Safety Representation module in Semester 2 of the Higher Certificate in Occupational Safety &amp; Health.</td>
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<tr>
<th>Delivery Method</th>
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<td>Level</td>
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<td>Duration</td>
<td>12 weeks (part-time)</td>
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<td>Credits</td>
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</table>

FURTHER INFORMATION

Course Co-ordinator
John Crummy
admissions@itsligo.ie

Online Student Advisor
Eileen Gillen
gillen.eileen@itsligo.ie

Certificate in Occupational Safety and Health

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>There are no entry requirements for this course.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>No Attendance required.</td>
</tr>
<tr>
<td>Please Note:</td>
<td>This course does not require any attendance at IT Sligo. The course is 100% Continuous Assessment with no final examinations. If a student successfully completes this Certificate, they are eligible to apply for exemption from the Health and Safety Representation module in Semester 2 of the Higher Certificate in Occupational Safety &amp; Health.</td>
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<td>Total Fees</td>
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<tr>
<td>Level</td>
<td>6</td>
</tr>
<tr>
<td>Duration</td>
<td>12 weeks (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>10</td>
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</tbody>
</table>

FURTHER INFORMATION

Course Co-ordinator
John Crummy
admissions@itsligo.ie

Online Student Advisor
Eileen Gillen
gillen.eileen@itsligo.ie

Higher Certificate in Occupational Safety and Health

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>Leaving Certificate or equivalent award.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>Once per semester.</td>
</tr>
<tr>
<td>Please Note:</td>
<td>This course is accredited by the Institution of Occupational Safety and Health (IOSH).</td>
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</table>

<table>
<thead>
<tr>
<th>Delivery Method</th>
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<tbody>
<tr>
<td>Total Fees</td>
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<tr>
<td>Level</td>
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</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
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<tr>
<td>Credits</td>
<td>120</td>
</tr>
</tbody>
</table>

FURTHER INFORMATION

Course Co-ordinator
John Crummy
admissions@itsligo.ie

Online Student Advisor
Eileen Gillen
gillen.eileen@itsligo.ie

Certificate in Irish Archaeology

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>All those with a Level 6 qualification in a related discipline are eligible to apply for this programme. It can also be taken as part of a recognised degree programme with the credits transferred to your home institution. Mature applicants need not have the above minimum entry requirements and acceptance will be based on individual applications.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>Module 3 comprises of a 2-week stay based at IT Sligo undertaking field trips to archaeological monuments, buildings and sites in the region.</td>
</tr>
<tr>
<td>Please Note:</td>
<td>For International students, there is an 18 credit Award available.</td>
</tr>
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</table>

<table>
<thead>
<tr>
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<tr>
<td>Level</td>
<td>7</td>
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<tr>
<td>Duration</td>
<td>1 year (part-time)</td>
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<tr>
<td>Credits</td>
<td>15</td>
</tr>
</tbody>
</table>

FURTHER INFORMATION

Course Co-ordinator
Chris Read
admissions@itsligo.ie

Online Student Advisor
Eileen Gillen
gillen.eileen@itsligo.ie
### Bachelor of Science in Environmental Management

<table>
<thead>
<tr>
<th>Delivery Method</th>
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<tbody>
<tr>
<td>Total Fees</td>
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<tr>
<td>Level</td>
<td>7</td>
</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Higher Certificate (Level 6) in a relevant science discipline at Merit Level or equivalent.

**Attendance**
Two workshops per semester - the workshops are not mandatory.

**Please Note:**
Accredited by Chartered Institute of Water and Environmental Management

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### Bachelor of Science (Hons) in Occupational Safety and Health Management

<table>
<thead>
<tr>
<th>Delivery Method</th>
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<tbody>
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<tr>
<td>Level</td>
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<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Must hold an Ordinary Degree (Level 7) in health and safety or a relevant discipline with experience.

**Attendance**
One workshop per semester.

**Please Note:**
Course is accredited by the Institution of Occupational Safety and Health (IOSH).

---

### Bachelor of Science (Hons) in Environmental Management

<table>
<thead>
<tr>
<th>Delivery Method</th>
<th>Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Fees</td>
<td>€5,000</td>
</tr>
<tr>
<td>Level</td>
<td>8</td>
</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Ordinary Degree (Level 7) in a relevant science discipline. Applicants with other qualifications and/or with relevant experience will also be considered.

**Attendance**
2 workshops per semester.

**Please Note:**
Accredited by Chartered Institute of Water and Environmental Management.

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### Postgraduate Diploma in Environmental Protection

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<tr>
<th>Delivery Method</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total Fees</td>
<td>€4,500</td>
</tr>
<tr>
<td>Level</td>
<td>9</td>
</tr>
<tr>
<td>Duration</td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td>Credits</td>
<td>60</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Participants must have one of the following academic qualifications:
1. Hold an honours degree (LB) in science or engineering awarded by a recognised degree awarding body or,
2. Hold a relevant ordinary degree (L7) in science or engineering and have obtained a minimum of three years relevant post-qualification experience.

**Attendance**
There is one (occasionally two) workshop per subject. The workshops take place on a Friday and Saturday.

**Please Note:**
Accredited by Chartered Institute of Water and Environmental Management.

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**FURTHER INFORMATION**

<table>
<thead>
<tr>
<th>Course Co-ordinator</th>
<th>Declan Feeney</th>
<th><a href="mailto:admissions@itsligo.ie">admissions@itsligo.ie</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Student Advisor</td>
<td>Eileen Gillen</td>
<td><a href="mailto:gillen.eileen@itsligo.ie">gillen.eileen@itsligo.ie</a></td>
</tr>
</tbody>
</table>

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**FURTHER INFORMATION**

<table>
<thead>
<tr>
<th>Course Co-ordinator</th>
<th>Margaret McGlack</th>
<th><a href="mailto:admissions@itsligo.ie">admissions@itsligo.ie</a></th>
</tr>
</thead>
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<tr>
<td>Online Student Advisor</td>
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<td><a href="mailto:gillen.eileen@itsligo.ie">gillen.eileen@itsligo.ie</a></td>
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**FURTHER INFORMATION**

<table>
<thead>
<tr>
<th>Course Co-ordinator</th>
<th>Steve Tonry</th>
<th><a href="mailto:admissions@itsligo.ie">admissions@itsligo.ie</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Student Advisor</td>
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<td><a href="mailto:gillen.eileen@itsligo.ie">gillen.eileen@itsligo.ie</a></td>
</tr>
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**FURTHER INFORMATION**

<table>
<thead>
<tr>
<th>Course Co-ordinator</th>
<th>Margaret Savage</th>
<th><a href="mailto:admissions@itsligo.ie">admissions@itsligo.ie</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Student Advisor</td>
<td>Eileen Gillen</td>
<td><a href="mailto:gillen.eileen@itsligo.ie">gillen.eileen@itsligo.ie</a></td>
</tr>
</tbody>
</table>
**Master of Science in Environmental, Health and Safety Management**

- **Delivery Method**: Online
- **Total Fees**: €7,500
- **Level**: 9
- **Duration**: 2 years (part-time)
- **Credits**: 90

**Entry Requirement**

Applicants with a Level 8 Honours Degree in Science or Engineering or in a related area are eligible to apply.

**Attendance**

One workshop per semester. For students based outside of Ireland, attendance is not mandatory. Workshops take place once per semester - always on a Friday (so four workshops over two yrs). Any field trips, industrial site visits or practical work will take place at these workshops. There is no other requirement to attend IT Sligo – all lectures are online.

**Please Note:**

Accredited by Institution of Occupational Safety and Health (ISOH) and Accredited by Chartered Institute of Water and Environmental Management.

**FURTHER INFORMATION**

**Course Co-ordinator**

Steve Tonry
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen
gillen.eileen@itsligo.ie

---

**Postgraduate Diploma in Water Services Management**

- **Delivery Method**: Online
- **Total Fees**: €8,800
- **Level**: 9
- **Duration**: 2 years (part-time)
- **Credits**: 60

**Entry Requirement**

2nd Class Honours (2.2) Level 8 degree in Engineering, Science or cognate professional area or equivalent.

**Attendance**

Two one day workshops (normally held on a Friday) will take place each semester. Typically, one workshop will be held at IT Sligo and the second may be located at another regional facility.

**Please Note:**

Accredited by Chartered Institute of Water and Environmental Management

**FURTHER INFORMATION**

**Course Co-ordinator**

Noel Connaughton
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen
gillen.eileen@itsligo.ie

---

**Master of Science in Water Services Management**

- **Delivery Method**: Online
- **Total Fees**: €11,000
- **Level**: 9
- **Duration**: 2 years (part-time)
- **Credits**: 90

**Entry Requirement**

2nd Class Honours (2.2) Level 8 degree in Engineering, Science or cognate professional area or equivalent.

**Attendance**

Two one day workshops (normally held on a Friday) will take place each semester. Typically, one workshop will be held at IT Sligo and the second may be located at another regional facility.

**Please Note:**

Accredited by Chartered Institute of Water and Environmental Management

**FURTHER INFORMATION**

**Course Co-ordinator**

Noel Connaughton
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen
gillen.eileen@itsligo.ie

---

**Master of Science in Environmental Protection**

- **Delivery Method**: Online
- **Total Fees**: €6,500
- **Level**: 9
- **Duration**: 2 years (part-time)
- **Credits**: 90

**Entry Requirement**

Participants must have one of the following academic qualifications:

1) Hold an honours degree (L8) in Science or Engineering or other relevant cognate area awarded by a recognised degree awarding body or,

2) Hold a relevant ordinary degree (L7) in Science or Engineering or other relevant cognate area and have obtained a minimum of three years relevant post-qualification experience.

**Attendance**

There is one (occasionally two) workshop per subject. The workshops take place on a Friday and Saturday.

**Please Note:**

Accredited by Chartered Institute of Water and Environmental Management.

**FURTHER INFORMATION**

**Course Co-ordinator**

Margaret Savage
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen
gillen.eileen@itsligo.ie
The Department of Health and Nutritional Sciences is comprised of a number of undergraduate and postgraduate programmes in various areas of health and nutrition.

Currently, we have a range of Level 9 fully online programmes developed in conjunction with various industries and sectors, to upskill staff in a wide range of settings. Our MSc in Health Promotion Practice is a research-driven programme to upskill those involved in delivering on the ambitions of the Healthy Ireland framework with the skills to plan and deliver multi-disciplinary health promotion projects with professional competence. Within this area, we also offer a number of L9 Certificates including Health Project Management, which aims to introduce the core concepts within project management and leadership skills for the effective management of change in health settings.

In the area of Nutrition, we offer a research-driven MSc in Public Health Nutrition to support the development of knowledge, skills, and competencies specific to the practice of Public Health Nutrition. Our new PgD/MSc in Sports and Exercise Nutrition enables participants to understand the science behind the subject and the practicalities of delivering the latest evidence-based guidance to individuals and teams who are looking to maximise the sports performance benefits of nutrition to complement their training programmes.

“Having worked with the HSE for over 20 years as a physiotherapist, I choose to do the online two-year masters in Health Promotion in IT Sligo. The course allows me to continue working full time, I am able to attend the lectures online from my home, if I can’t attend live they are all recorded so I can work around family, work, life commitments. The online library access and moodle platform are fantastic. There is no time lost travelling to lectures or reduced working hours needed. The modules are all applicable to my learning needs and continuous professional development requirement of CORU, as a health and social care professional.”

Audrey Colreavy, Physiotherapist Health Service Executive (HSE) MSC HEALTH PROMOTION
<table>
<thead>
<tr>
<th>Higher Certificate in Health and Medical Information Science</th>
<th>Bachelor of Science in Health and Medical Information Science</th>
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<th>Certificate in Health Data Analytics</th>
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<tr>
<td>Richeal Burns/Padraig McGourty</td>
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</tr>
<tr>
<td><strong>Project Manager</strong></td>
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<td><strong>Online Student Advisor</strong></td>
<td><strong>Online Student Advisor</strong></td>
</tr>
<tr>
<td>Louise Kearins</td>
<td>Louise Kearins</td>
<td>Eileen Gillen</td>
<td>Eileen Gillen</td>
</tr>
<tr>
<td><a href="mailto:Kearins.louise@itsligo.ie">Kearins.louise@itsligo.ie</a></td>
<td><a href="mailto:Kearins.louise@itsligo.ie">Kearins.louise@itsligo.ie</a></td>
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### Postgraduate Certificate in Health Project Management

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<tr>
<td>Level</td>
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<tr>
<td>Duration</td>
<td>1 year (part-time)</td>
</tr>
<tr>
<td>Credits</td>
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</table>

**Entry Requirement**
Applications with a 2.2 Honours award in a relevant discipline may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**
No attendance required.

### Postgraduate Certificate in Health Promotion and Wellness

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<td>Credits</td>
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</table>

**Entry Requirement**
Applications with a 2.2 Honours award in a relevant discipline may apply. Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**
No attendance required.

### Postgraduate Diploma in Sport and Exercise Nutrition

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<th>Delivery Method</th>
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<tr>
<td>Credits</td>
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**Entry Requirement**
Applications with a 2.2 Honours award in a relevant discipline (Nutrition, Dietetics, Sport Science, Health, Public Health, Allied Health or a cognate area as deemed suitable by the programme committee) Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**
No attendance required.

### Master of Science in Public Health Nutrition

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<th>Delivery Method</th>
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<td>Duration</td>
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<td>Credits</td>
<td>90</td>
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</tbody>
</table>

**Entry Requirement**
2.2 Honours award - Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**
No attendance required.

---

**FURTHER INFORMATION**

**Course Co-ordinator**
Anne Marie Frizzell
admissions@itsligo.ie

**Online Student Advisor**
Eileen Gillen
gillen.eileen@itsligo.ie

---

**Course Co-ordinator**
Gemma McMonagle
admissions@itsligo.ie

**Online Student Advisor**
Eileen Gillen
gillen.eileen@itsligo.ie

---

**Course Co-ordinator**
Kevin Cradock
admissions@itsligo.ie

**Online Student Advisor**
Eileen Gillen
gillen.eileen@itsligo.ie
### Master of Science in Health Promotion Practice

<table>
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<td>Credits</td>
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**Entry Requirement**

2.2 Honours award - Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**

No attendance required.

### Master of Science in Sports and Exercise Nutrition

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**Entry Requirement**

Applications with a 2.2 Honours award in a relevant discipline (Nutrition, Dietetics, Sport Science, Health, Public Health, Allied Health or a cognate area as deemed suitable by the programme committee) Applicants who do not meet this entry criterion may be considered through Recognition of Prior Learning (RPL).

**Attendance**

No attendance required.

---

**FURTHER INFORMATION**

**Course Co-ordinator**

Gemma McMonagle  
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen  
gillen.eileen@itsligo.ie

---

**FURTHER INFORMATION**

**Course Co-ordinator**

Kevin Cradock  
admissions@itsligo.ie

**Online Student Advisor**

Eileen Gillen  
gillen.eileen@itsligo.ie
Head of Department Dr. Neville McClanaghan

The school of science have developed online programmes for the pharmaceutical, biopharma, medtech, food and environmental sectors. Our programmes consist of minor awards and major awards ranging from Level 6 through to Level 9.

Our student advisors, programme co-ordinators, lecturers and industry experts delivering the tailored training, ensure a highly successful tailor-made package for upskilling and cross-skilling in these sectors. Collaborations are in place with IBEC, NUI Galway, Ulster University and NIBRT.

The online Masters in Industrial Pharmaceutical Science is the only Health Products Regulatory Authority (HPRA) approved programme offered by an Irish Institute of Technology and is an excellent example of our alignment with industry training and development needs.

Ireland is experiencing a critical skills deficit in key industries in our economy and IT Sligo are continuously reviewing programmes and skills deficits to address the current skills deficits.

As I work in Abbott, a lot of what I studied actually applied to my day-to-day life in Abbott. My current job is Quality Controller, ensuring quality of the product is up to standard. We receive and inspect components coming into the plant, ensuring they are good quality before going onto the production line and put into product.

The online aspect was really convenient – where I live in Clonmel, there aren’t any options of colleges nearby, so online meant I didn’t need to travel. It seems daunting at the start, but once you get into it, it really isn’t. The online forums are great support. Anything you don’t know you can throw it out to the group, and someone will come back to you with an answer.

Linda Cronin
Quality Controller, Abbott Vascular
HIGHER CERT GOOD MANUFACTURING PRACTICE (GMP)
### Higher Certificate in Good Manufacturing Practice

**Entry Requirement**
Leaving Certificate or equivalent award.

**Attendance**
No requirement to visit IT Sligo. In year two there’s a block release day for labs in NIBRT (UCD) in semester one and in semester two.

### Certificate in Accredited Company Training

**Entry Requirement**
A pass in the leaving certificate (or equivalent examinations) with five O6/H7 to include Mathematics and English or Irish.

**Attendance**
No Attendance required.

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**Progression Paths**

**BIOPHARMACEUTICAL SCIENCE**

#### MINOR AWARDS (SPA’s)

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<th>Level 7</th>
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<tr>
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<td>Level 8 Cert in Biopharmaceutical Science (30 credits)</td>
<td>Level 9 MSc in Biopharmaceutical Science (90 credits)</td>
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<td>Level 6 Cert in Aseptic Biopharmaceutical Operations (30 credits)</td>
<td>Level 7 Cert in Aseptic Biopharmaceutical Operations (30 credits)</td>
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<tr>
<td>Level 6 Cert in Accredited Company Training (30 credits)</td>
<td>Level 7 Cert in Accredited Company Training (30 credits)</td>
<td>Level 8 Cert in Biopharmaceutical Processing Technologies (30 credits)</td>
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### MAJOR AWARDS

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</tbody>
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### FURTHER INFORMATION

**Course Co-ordinator**
Eileen Armstrong
admissions@itsligo.ie

**Online Student Advisor**
Michelle Moore
moore.michelle@itsligo.ie

---

**Course Co-ordinator**
Oliver Joyce
admissions@itsligo.ie

---

**Delivery Method**
Online

**Total Fees**
€5,250

**Level**
6

**Duration**
2 years (part-time)

**Credits**
120

**Delivery Method**
Online

**Total Fees**
€1,500

**Level**
6

**Duration**
0.5 year (part-time)

**Credits**
30
Certificate in

Aseptic Biopharmaceutical Operations

Delivery Method: Online  
Total Fees: €3,150  
Level: 6  
Duration: 1 year (part-time)  
Credits: 30

Entry Requirement: Leaving Certificate or equivalent award.

Attendance: Two days attendance in NIBRT, in Semester 2.

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Certificate in

Biopharmaceutical Processing

Delivery Method: Online  
Total Fees: €3,150  
Level: 6  
Duration: 1 year (part-time)  
Credits: 30

Entry Requirement: Leaving Certificate or equivalent award.

Attendance: One day attendance in NIBRT per Semester

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Bachelor of Science

Biopharmaceutical Science

Delivery Method: Online  
Total Fees: €7,200  
Level: 7  
Duration: 2 years (part-time)  
Credits: 60

Entry Requirement: Level 6 of 120 credits on the NFQ (Higher Certificate) in Science or in a cognate area.

Attendance: Year 1: Two days attendance in NIBRT, per semester. Year 2: Two days attendance in NIBRT in semester 1, if practical electives selected

FURTHER INFORMATION

Course Co-ordinator  
Yvonne Lang  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Bachelor of Science

Pharmaceutical Science

Delivery Method: Online  
Total Fees: €6,000  
Level: 7  
Duration: 2 years (part-time)  
Credits: 60

Entry Requirement: Level 6 on the NFQ (Higher Certificate) in Science or in a cognate area.

Attendance: Check with Course Coordinator.

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Certificate in

Aseptic Biopharmaceutical Operations

Delivery Method: Online  
Total Fees: €3,150  
Level: 6  
Duration: 1 year (part-time)  
Credits: 30

Entry Requirement: Leaving Certificate or equivalent award.

Attendance: Two days attendance in NIBRT, in Semester 2.

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Certificate in

Biopharmaceutical Processing

Delivery Method: Online  
Total Fees: €3,150  
Level: 6  
Duration: 1 year (part-time)  
Credits: 30

Entry Requirement: Leaving Certificate or equivalent award.

Attendance: One day attendance in NIBRT per Semester

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Bachelor of Science

Biopharmaceutical Science

Delivery Method: Online  
Total Fees: €7,200  
Level: 7  
Duration: 2 years (part-time)  
Credits: 60

Entry Requirement: Level 6 of 120 credits on the NFQ (Higher Certificate) in Science or in a cognate area.

Attendance: Year 1: Two days attendance in NIBRT, per semester. Year 2: Two days attendance in NIBRT in semester 1, if practical electives selected

FURTHER INFORMATION

Course Co-ordinator  
Yvonne Lang  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie

Bachelor of Science

Pharmaceutical Science

Delivery Method: Online  
Total Fees: €6,000  
Level: 7  
Duration: 2 years (part-time)  
Credits: 60

Entry Requirement: Level 6 on the NFQ (Higher Certificate) in Science or in a cognate area.

Attendance: Check with Course Coordinator.

FURTHER INFORMATION

Course Co-ordinator  
Stephen Daly  
admissions@itsligo.ie  
Online Student Advisor  
Michelle Moore  
moore.michelle@itsligo.ie
## Certificate in Biopharmaceutical Science

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants must hold a prior Level 6 qualification in a cognate area (typically Science or Engineering) or equivalent qualification.</td>
<td>Two days per semester in NIBRT.</td>
</tr>
</tbody>
</table>

## Certificate in Biopharmaceutical Processing

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants must hold a prior Level 6 qualification in a cognate area (typically Science or Engineering) or equivalent qualification.</td>
<td>Two days in NIBRT in Semester 1.</td>
</tr>
</tbody>
</table>

## Certificate in Bioprocess Engineering

<table>
<thead>
<tr>
<th>Entry Requirement</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants must hold a prior Level 6 qualification in a cognate area (typically Science or Engineering) or equivalent qualification.</td>
<td>Two days attendance in NIBRT in Semester 1.</td>
</tr>
</tbody>
</table>

### Further Information

- **Course Co-ordinator**
  Mary Butler
  admissions@itsligo.ie

- **Online Student Advisor**
  Michelle Moore
  moore.michelle@itsligo.ie
<table>
<thead>
<tr>
<th>Certificate in Medical Technology Regulatory Affairs and Quality</th>
<th>Bachelor of Science (Hons) in Biomedical Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Delivery Method</strong></td>
<td>Online</td>
</tr>
<tr>
<td><strong>Total Fees</strong></td>
<td>€4,500</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>1 year (part-time)</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Level 7 qualification in a relevant area of Science, Engineering or Technology.

**Attendance**
One optional workshop each year which is an opportunity to meet lecturers and network with other students.

<table>
<thead>
<tr>
<th>Certificate in Medical Technology Regulatory Affairs and Quality</th>
<th>Bachelor of Science (Hons) in Biomedical Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Delivery Method</strong></td>
<td>Online</td>
</tr>
<tr>
<td><strong>Total Fees</strong></td>
<td>€5,600</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>4 years (part-time)</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Ordinary degree (Level 7) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences).

**Attendance**
Two day practical lab element in NIBRT, Dublin, during the 2nd semester.

**Please Note:**
Joint Ulster / IT Sligo award.
Applications made through University of Ulster.

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<table>
<thead>
<tr>
<th>Higher Diploma in Medical Technology Regulatory Affairs and Quality</th>
<th>Certificate in Bioprocessing Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Delivery Method</strong></td>
<td>Online</td>
</tr>
<tr>
<td><strong>Total Fees</strong></td>
<td>€9,000</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>2 years (part-time)</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Ordinary degree (Level 7) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences).

**Attendance**
Two day practical lab element in NIBRT, Dublin, during the 2nd semester.

<table>
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<th>Higher Diploma in Medical Technology Regulatory Affairs and Quality</th>
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<td>€4,500</td>
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<tr>
<td><strong>Level</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>1 year (part-time)</td>
</tr>
<tr>
<td><strong>Credits</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

**Entry Requirement**
Ordinary degree (Level 7) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences).

**Attendance**
Two day practical lab element in NIBRT, Dublin, during the 2nd semester.

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**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie

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**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie

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**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie
Bachelor of Science (Hons) in Applied Medical Sciences

Entry Requirement
Applicants must
(a) satisfy the University’s general entry requirements; AND
(b) satisfy specific academic subject requirements for admission as detailed on the IT Sligo website https://www.itsligo.ie/courses/bsc-hons-applied-medical-sciences-joint-ulster-it-sligo-awardonline/

Please Note:
Joint Ulster / IT Sligo award.

Bachelor of Science (Hons) in Biomedical and Bio-Industrial Sciences

Delivery Method: Online
Total Fees: €17,000
Level: 8
Duration: 4 years (part-time)
Credits: 240

Entry Requirement
Applicants must
(a) satisfy the University’s general entry requirements; AND
(b) satisfy specific academic subject requirements for admission as detailed on the IT Sligo website https://www.itsligo.ie/courses/bsc-hons-biomedical-bio-industrial-sciences-it-sligo-awardonline/

Please Note:
IT Sligo Award.

Certificate in Biopharmaceutical Science

Entry Requirement
Honours degree (Level 8) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the BioProcessing industry (typically 5 years duration in a GMP environment) may apply for RPL.

Attendance
Two day block attendance at the NIBRT facility depending on elective choice.

Please Note:
The Level 9 Cert in BioPharma is 100% CA with no final exam in an exam centre.
Certificate in Biopharmaceutical Processing

**Entry Requirement**
The programme is open to students who have obtained an honours degree (Level 8) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the BioProcessing industry (typically 5 years duration in a GMP environment) may apply for consideration through the IT Sligo RPL (Recognised Prior Learning) process.

**Attendance**
Depending on Electives, students may be required to attend a 2-day block attendance at the NIBRT facility in Dublin.

**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie

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Master of Science in Biopharmaceutical Science

**Entry Requirement**
An honours degree (Level 8) or equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the Biopharmaceutical industry (typically 5 years duration in a GMP environment) may apply for RPL.

**Attendance**
Two day attendance at NIBRT per semester, depending on elective selected.

**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie

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Master of Science in Industrial Pharmaceutical Science

**Entry Requirement**
An honours degree or its equivalent in an appropriate discipline. There is also a requirement to have completed a minimum of two years practical industrial experience in an appropriate manufacturing environment.

**Attendance**
One workshop per semester (which will be a day and a half on a Friday and Saturday).

**Please Note:**
Candidates intending to pursue Qualified Person status should have an appropriate primary degree that conforms to the specific requirements for primary qualifications listed in European Directives 2001/83/EC and 2001/82/EC.

**FURTHER INFORMATION**
Course Co-ordinator
Sarah Hehir
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie

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Master of Science in Medical Technology Regulatory Affairs

**Entry Requirement**
Obtained a Level 8 primary degree in a science/engineering subject related to the life sciences.

**Attendance**
One optional workshop, per semester.

**FURTHER INFORMATION**
Course Co-ordinator
Mary Butler
admissions@itsligo.ie

Online Student Advisor
Michelle Moore
moore.michelle@itsligo.ie
Certificate in Bioanalytical Techniques

- **Delivery Method**: Online
- **Total Fees**: €2,000
- **Level**: 9
- **Duration**: 1 semester (part-time)
- **Credits**: 10

**Entry Requirement**
Applicants must hold a cognate Level 8 Degree or equivalent qualification.

**Attendance**
Required to attend NIBRT for practicals once during the semester.

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Master of Science in Biopharmaceutical Processing

- **Delivery Method**: Online
- **Total Fees**: €8,500
- **Level**: 9
- **Duration**: 1 year (full-time) / 2.5 years (part-time)
- **Credits**: 90

**Entry Requirement**
The programme is open to students who have obtained an honours degree (Level 8) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the BioProcessing industry (typically 5 years duration in a GMP environment) may apply via Recognised Prior Learning process.

**Attendance**
Depending on Electives, students may be required to attend a 2 day block attendance at the NIBRT facility in Dublin.

**Please Note:**
This programme is jointly offered by IT Sligo and NIBRT (National Institute for Bioprocessing Research and Training).

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Certificate in Commissioning, Qualification and Validation

- **Delivery Method**: Online
- **Total Fees**: €6,000
- **Level**: 9
- **Duration**: 1 year (part-time)
- **Credits**: 30

**Entry Requirement**
The programme is open to students who have obtained an honours degree (Level 8) or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Other candidates with alternative honours degrees and relevant experience in the BioProcessing industry (typically 5 years duration in a GMP environment) may apply for consideration through the IT Sligo RPL (Recognised Prior Learning) process.

**Attendance**
Two day attendance in NIBRT in semester 2.

**Please Note:**
This programme is jointly offered by IT Sligo and NIBRT (National Institute for Bioprocessing Research and Training).
Study Options & Pathways

**Special Purpose Awards**
These are programmes developed to address a skills gap in a specific industry or to meet a certain demand will be awarded as a Special Purpose Award, typically in certificate format from the major award. The total number of credits for an SPA award may vary from programme to programme.

**Conversion Programmes**
These are programmes enabling students to pursue a new career path, which may differ from their original qualification i.e. cross-skilling as opposed to upskilling. Conversion courses are made available in areas where there are known skills shortages e.g. Engineering, Automation, Computing, Biopharma, MedTech etc.

**Entry Requirements**
For all programmes there are specific entry requirements, which applicants must meet in order to be accepted onto the course. Depending upon the level, some prior qualifications may be required, and/or certain subjects or industry experience may be needed in order to gain admission. Full details for all programmes are available on our website or by contacting our admissions team.

**Recognition of Prior Learning (RPL)**
We recognise that prior learning achieved through accredited courses elsewhere or through experience working in industry/business can contribute to meeting learning outcomes or entry requirements to a specific course.

Our Recognition of Prior Learning (RPL) process involves engaging with the IT Sligo admissions team to assess eligibility and documenting your experience and learning outcomes. We consider each of these applications individually ensuring the student gets the most exemption possible and is on the correct course for their ability.

If you are interested in learning more about RPL and the process, visit the website [www.myexperience.ie](http://www.myexperience.ie)

**Advanced Entry**
Applicants come with a unique mix of experience and qualification. Therefore many applications are individually reviewed by our academic team to ensure that students are matched to the correct level course, that suits their learning and preferred career trajectory. We also want our students to thrive and succeed and we may suggest commencing at a lower level qualification and progressing to higher qualification in a stepwise approach.

**Progression**
Our programmes follow the ladder structure system, meaning you can start and progress at a pace that suits you. Some students may choose to start at a Level 6 certificate for instance, and graduate at that level or progress on to the next level within the same subject matter area. Other students, whose experience and academic history are given higher academic credits, may advance straight into an Ordinary Degree (Level 7), and Honours Degree (Level 8) or a postgraduate qualification (Level 9).

**International Students**
Online learning is open to all students in any location and that is why IT Sligo has a growing online international cohort. We welcome and support our global learning community through forums, live streaming and group assignments. Online students can avail of remote exams using applications for remote proctoring. Online student advisors are on-hand to support students and help them navigate all the elements of their online learning journey from administration to assessment and examinations.
Bringing Online Learning to Life

Live Learning
Attending lectures is made easy with our online learning environment. Simply log on from work, home or anywhere with a broadband connection and be part of your weekly lectures. Engage in discussions, live chat and interact with lecturers and fellow students. Online lectures are scheduled for evening times, making them widely accessible to those in full-time employment and with caring and other responsibilities. If you are unable to attend live lectures, recorded sessions are available within a short period of time. Students can review the recordings multiple times at a time that suits them which is a very beneficial facility in studying for the assessment exams.

Experiential Learning
Students will learn and experience all the practical elements in the learning outcomes for each course. Where practical to do so, labs, tutorials or residential visits scheduled on campus, may be live streamed or available as a recorded lecture. State-of-the-art facilities, such as our remotely-operated robotics are made available via our Kite Lab, facilitating practical online learning from anywhere in the world.

Blended Learning
A selection of online programmes include attendance at residential on-campus block learning including laboratory sessions. This blended approach enables students to come together and attend, where it is practical. It is an excellent opportunity to avail of all the facilities available at IT Sligo. Attendance dates are circulated well in advance and if the attendance is mandatory, students will be notified by their lecturers.

Virtual Learning Environment
All IT Sligo students have access to Moodle, the Virtual Learning Environment. The online platform is user friendly and provides all of the materials needed to complete the programme, from lecture notes and timetables to recorded lectures and group chat functionality. Students are encouraged to interact, ask questions and engage on the platform, helping with peer learning.

Peer-to-Peer Learning
Working collaboratively is part of college experience and online learning is no different. Group learning and assignments encourage peer support and the small classroom sizes greatly facilitate this. Online forums and chat groups are all part of the academic experience as well as the social aspect of the student experience.

Guest Lectures
With strong links to industry, IT Sligo engage with industry leaders and subject-matter experts to bring lectures to life. Sharing the latest research, methodology and real-life case studies, so that students can apply their learning to real world examples. Guest lecturers can be located in any part of the world and still engage with the online students. Not able to attend? Live streamed or recorded versions are made available to ensure you don’t miss out.
Student Support Services

Learning Supports
We encourage all students to avail of a free 15min online assessment tool, available at https://www.itsligo.ie/student-hub/student-profiler/ which provides immediate feedback on strengths, challenges and support services available before embarking on your learning journey.

Disability Support
Any student with a disability can avail of the Disability Support Service. This service is committed to empowering students to achieve their academic and vocational goals in an inclusive learning environment. This service is free and confidential to all students who choose to register. Supports include assistive technologies, exam accommodations, extra tuition etc. Students with a print disability (visually impaired, blind, dyslexia, physical disability) can be referred to NCBI to access books in PDF, Audiobook, large print or braille output.

All students can access assistive technology assessment and support through the Assistive Technology Education Specialist.

Assessments & Examinations
Assessments in the forms of quizzes and assignments are used to gauge students understanding of a topic throughout the semester. Examinations take place at the end of each Semester. IT Sligo Online students can attend exam centres in Sligo, Dublin, Cork or remotely via online proctoring. Online examinations are monitored and supervised virtually.

Additional supports, such as screen reader, extra time, scribe, small venue etc, are available and arrangements can be made via the IT Sligo Access Office.

Online Induction
We encourage online students to attend our Induction event which takes place the week prior to the start of the new academic year. The event gives students the opportunity to engage in self-paced learning courses, introducing the resources available to online learners, such as our virtual learning environment, Moodle, our live classrooms, academic integrity, library services and much more. New students will also get the opportunity to meet with their Course co-ordinator.

Online Student Advisors
Supporting students throughout their learning journey is part of the Online student advisors role. Helping with administration, access to course materials, exams and assessment queries can all be supported by this team.

Yeats Library Services
As an online learner, you have full access to subscriber and curated information resources, services and support. Students are encouraged to avail of the many academic research tools including guidance on how to develop valuable researching skills. Find out more at https://libguides.itsligo.ie

Maths Support
Many capable students experience difficulties meeting the required standards in Mathematics. The IT Sligo Maths Support Centre offers both on-campus and online students the opportunities to get one-to-one tutoring throughout the semester. This confidential service is tailored to the individual’s needs. Find out more at www.itsligo.ie/maths

Academic Writing
Whether you are starting out or returning to third level education, students can avail of free advice and support on all aspects of academic writing to support the online learner with assignments, projects or report writing, some of which are part of the course work. Find out more at www.itsligo.ie/writing

Health & Wellbeing
The Student Counselling Service at IT Sligo is a confidential student support that is available free of charge to all registered IT Sligo students. Mental Health is an important part of all of our lives. At different times we may face various challenges relating to our Mental Health. Online students, who cannot attend the service in person for appointments, can avail of online and phone appointments offering the provision of psychoeducational support, rather than therapy. Information and resources relating to Mental Health and the Student Counselling Service can be found at www.itsligo.ie/student-hub/health-services or by emailing studentcounsellor@itsligo.ie

Assessments & Examinations
Fees & Funding

Understanding fees and funding options is a key part in the decision-making process, when choosing to return or progress to an online programme. Options include:

- **Self-funding** – students opt to pay fees directly to IT Sligo. Payments options include payment per semester, in-full or by instalment.
- **Employer part/fully-funded** – an employer may assist in partly or fully funding the programme.
- **Springboard funded** – a government funded programme providing fully or partially funded places on one-year part-time programmes.
- **Skillnet-funded** – many online programmes may be eligible for funding through the wide range of Skillnet groups throughout the country. Please see Skillnet Ireland website (https://www.skillnetireland.ie/) for further details.

Scholarships & Bursaries

Each year a selection of financial supports are made available through IT Sligo and bodies such as Sligo Chamber Skillnet. Full details of scholarships are available on our website www.itsligo.ie/online

Deposit

Once accepted onto a course, students are asked to pay a €250 deposit to secure their place. The deposit is non-refundable, and payment can be made online, via a link provided by the admissions team.

Fee Payment

The remaining fees can be paid in full, per semester or as part of an instalment plan. If paying by semester, fees must be paid in full prior to the course commencing each semester.

Payment can be made online via credit card. Our admissions team will also provide an invoice for your employer, if required.

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Tax Relief

As the Institute of Technology, Sligo is listed by the Irish revenue as an “Approved institution” students are eligible to claim tax relief at the standard rate for tuition fees. In order to determine whether the course you apply for qualifies and determine your own eligibility for a tax refund, please read the information on the revenue website: https://www.revenue.ie/en/personal-tax-credits-reliefs-and-exemptions

EU Fees/Non-EU Fees

Fees quoted in the IT Sligo Online Prospectus are quoted as EU fees for the current academic year. Fees may differ for non-EU students. Please visit the programme page on our website www.itsligo.ie/online for full details of non-EU fees.

Fees are subject to annual review.
The springboard+ upskilling initiative in higher education offers free and funded courses at certificate, degree and masters level leading to qualifications in areas where there are employment opportunities in the economy.

All Springboard courses must be completed in a 12-month period of study.

All IT Sligo eligible programmes are listed on the IT Sligo website, www.itsligo.ie/springboard

And by searching for IT Sligo on the Springboard+ website, https://springboardcourses.ie

Eligibility guide

Springboard+ applicants must meet all residency and nationality/visa requirements, including the applicant has been ordinarily resident in an EU/EEA/Swiss state for at least three of the five years preceding their entry to the programme.

Returners

Those who have a previous history of employment but may require upskilling, reskilling or cross-skilling to transition back to the workforce.

People in Employment

A 10% course fee contribution for Level 7, 8, and 9 courses is applicable for employed participants. This is payable directly to the provider.

The Unemployed or formerly self-employed

May apply to all courses with the exception of the two-year part-time ICT conversion courses. Unemployed applicants will also be required to meet additional criteria.

Further details are available: https://springboardcourses.ie/eligibility

How to Apply

Applications for Online programmes are accepted on the IT Sligo website www.itsligo.ie/online

All Programmes advertised will run subject to sufficient student numbers.

IT Sligo Online has two intakes per year, the main one being in September with a smaller listing of programmes for January. For confirmation on start dates check www.itsligo.ie/online

For September, applications open from 1st February each year. Closing date for receipt of Applications is 31st August.

For January, applications open from 1st October each year. Closing date for Applications is 31st December.

The Online Application form requires personal details, previous qualifications, professional accreditations, employment history and a personal statement. We recommend collating all the necessary paperwork i.e. transcripts of previous qualifications, academic certificates before you submit an application.

Once submitted, our admissions team will contact you to confirm eligibility and request copies of any previous qualifications.

Academic staff review every application and approve eligible candidates for the programme.

Admissions team will notify you if you are accepted onto the course and will request deposit to confirm your place.

Places are limited, so please apply early.

Springboard applications must be submitted via the Springboard website www.springboardcourses.ie
CONTACT

IT Sligo Admissions
Tel: +353 71 93 18510
Email: admissions@itsligo.ie
www.itsligo.ie

Attend a Virtual Event
www.itsligo.ie/online-virtual-events

Institute of Technology Sligo, Ash Lane, Sligo, Ireland, F91YW50

CONNACHT-ULSTER ALLIANCE

Working together towards a technological university