START HERE



PROSPECTUS
2019

IT Sligo
An Institiúid Teicneolaíochta, Sligeach


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EXPLORE HERE





Are you looking for a college experience that ticks every box?

Look no further than IT Sligo, where we are committed to helping you be the very best you can be, on a college campus that's second to none.

At IT Sligo, you'll discover, grow and achieve your goals, both professional and personal, in an inclusive, exciting and supportive environment. With a quality of student life and affordability that's unrivalled in most other university and college urban centres, get to know what's on offer at IT Sligo.

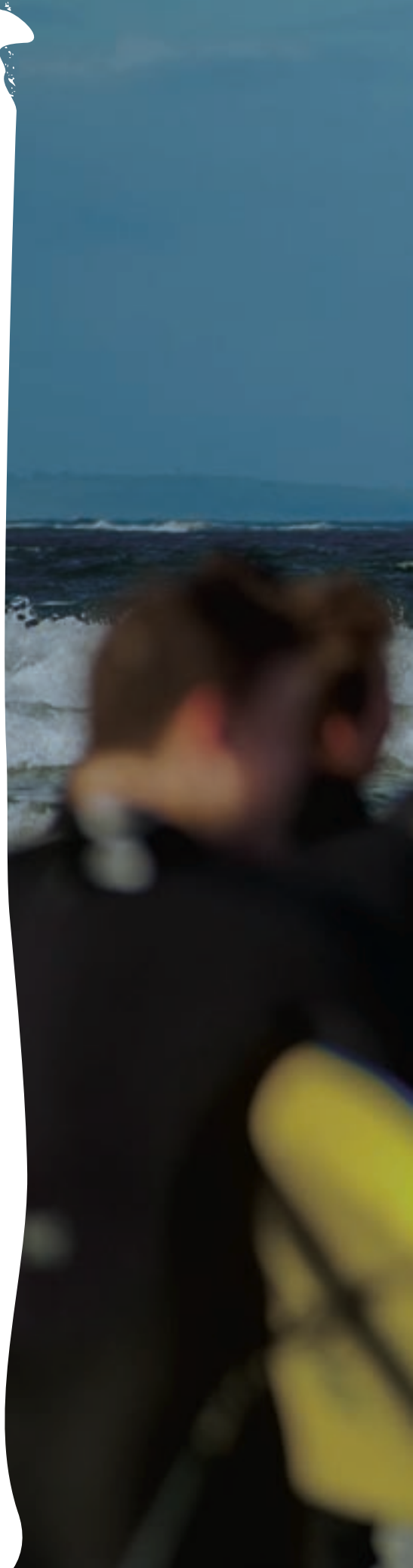
THE NEXT STEP IS YOURS, TAKE A LOOK AT IT SLIGO!

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DISCOVER HERE



IT Sligo: For a Lifetime Education and Experience

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

A Campus Like No Other

One of the most modern and stylish campuses in Ireland, IT Sligo is a truly 21st-century learning environment, with a university feel and spectacular surroundings. Located in the stunningly scenic North West of Ireland, Sligo is a hub of cutting-edge progress. Home to a growing array of leading artists, writers, digital creators and filmmakers, and exciting new enterprises in technology, food tourism and outdoor pursuits, the creativity and innovation in the region is reflected across IT Sligo's diverse array of courses in Engineering and Design, Science, Business and Social Sciences.

Preparing You For Your Career

Not only are we committed to the best academic standards at IT Sligo, we also want to help you get ahead in the workplace through direct experience. Our close contacts and research collaborations with diverse companies and major employers give us access to a wide variety of industry placements for our students, across the region and beyond.

We also want to be your education partner throughout your life. With our reputation as the national leader in Digital (Online) Education, a third of our 6,000 students study online as they continue their professional development, be it from the home, the workplace, or further afield.

Come See For Yourself

We've provided all the information you need to know about our courses and facilities in this Prospectus, but to get a real feel for the unique and exciting experience that studying at IT Sligo can be, you should take one of our campus tours. We offer tours all year round for students and their parents/guardians to explore our facilities. Our Open Days also give you an opportunity to speak with lecturers and current students and to get a taste of life at IT Sligo.

> "At IT Sligo, it's personal. Not only are we ambitious for you to reach your academic potential, we strive to give you a rounded learning experience, where you get to know your lecturers as well as your classmates."





Six Reasons to Choose IT Sligo



Our Courses Lead To Great Careers

We constantly work with industry leaders to shape our wide range of courses so they are relevant to the changing workplace. With an IT Sligo qualification, the employers you want will want to work with you.



We Have Brilliant Teaching Staff

Our students consistently rate the quality of education as one of IT Sligo's greatest strengths. That's because we select the very best teaching and lecturing staff.



You'll Get Individual Attention

Because of our small class sizes, students get the benefit of personal attention and support from dedicated staff members, who care about your success.



You'll Love Our Cool Campus

IT Sligo has one of the most modern campuses in Ireland, and it's constantly evolving to meet the needs of our students. Housed over 72 acres, with a stimulating university feel, it's within walking distance of Sligo's vibrant centre.



We're World Class

Recognised as being Ireland's No 1 destination for Digital (Online) Education, IT Sligo provides an education in the HE sector that's top of the range.



You'll Feel Immediately At Home

Sligo is a great place to live. It's friendly, lively and fun, and with ample affordable, high-end accommodation, its student population is welcomed and well catered for.

Welcome from The President

Welcome to IT Sligo

I am delighted that you are considering studying at IT Sligo. Here, you will find a college experience that will challenge and demand the best of you. In return, you will get a top quality education and preparation for life like no other. Located close to Sligo town, the 'College' is of a scale to keep things interesting, yet small enough to ensure that no one gets lost in the crowd.

We care about teaching and we care about you, and it is important to us that you make the right choice of college and course you want to undertake. You have your own specific dreams and hopes for your future fulfillment. You are at that stage of transformation from what you are to what you have the potential to become. Choose wisely and remember that we are ready to offer any helping hand you may need.

In choosing IT Sligo you have an opportunity to learn more, live more, be more. We work hard to help you to develop the skills to think critically, to analyse complex issues, to make good decisions, to communicate your ideas clearly, and to work well with others. You also learn the skills related to your chosen discipline. Our smaller, more intimate class sizes mean you will get to know your lecturers and the Institute's dedicated support staff. They take pride in being on hand to help with any challenges or difficulties you may encounter. During your time here you will get:

- An exceptional student experience
- Opportunities for work placement and work-related experiences
- A Students' Union that is very active and engaged with students
- Excellent sports facilities and student supports on a well-maintained campus
- Access to Ireland's leading online learning facilities
- Very high graduate employment rates.

We revise our curriculum each year to ensure that what you learn here is most current and most relevant to your career opportunities. Our qualifications are recognised and valued by employers.

Helping you succeed academically is, of course, a priority, but we also want to add an extra dimension to that learning experience by fostering a culture of entrepreneurship in you.

In Sligo you will find the oldest settlements in Ireland and the most modern companies and technologies. We have the largest number of clubs and societies of any campus in Ireland, and Sligo offers a most stimulating environment to grow through the next stage of your life.

Our spectacular, dynamic and intimate campus serves a community that is both local and global. Today, IT Sligo's student body of over 6,000 includes over 350 from 30 countries across all continents. Our bright, modern campus is the envy of many third level Institutions. Our graduates today become lifelong members of the IT Sligo community, which numbers in excess of 25,000 graduates, circling the globe. Our wonderful alumni are found excelling in every walk of life throughout the world, from poet to politician, producer to philosopher, communicator to creator, parent to pal. We are an Institute of Technology in the community, of the community and for the community. We are leaders in providing access for those from the community who seek to learn and understand.

Going to college here is one of the most affordable options nationwide; Sligo town has achieved international purple flag recognition as a safe and well-managed evening and night-time environment. There is ample high-quality student accommodation within walking distance of the campus.

DR BRENDAN MCCORMACK
PRESIDENT, IT SLIGO.



"Helping you succeed academically is, of course, a priority, but we also want to add an extra dimension to that learning experience by fostering a culture of entrepreneurship in you."

Sligo, A Place To Be

Did you know Sligo is one of the best places in Ireland to be a student?

When you choose a college for your third level education, you're not only choosing a place to study but somewhere to live for the next few years of your life. And when it comes to student lifestyle, Sligo is unrivalled.

A dynamic town situated on the stunning Wild Atlantic Way, Sligo is a great place to live, work and learn. Framed by the iconic mountains of Ben Bulben and Knocknarea, its magnificent beaches have made Sligo one of the most popular surfing destinations in the world, and with it's historical connection to W.B. Yeats, it's an international cultural hub too. Sligo offers a terrific range of activities to complement your student life, from live music and theatre to outdoor pursuits and adventure sports, and its vibrant centre, situated along the banks of the river Garavogue, has a contemporary European feel.

Sligo is one of the few urban centres in Ireland to receive the prestigious international Purple Flag status, designating it as an area of excellence in creating a safe and well-managed evening and night-time environment. This, combined with a cost of living that's more affordable than many of Ireland's other college towns and cities, makes Sligo the perfect place for the next step in your life and education. From day one of your time at IT Sligo, you'll form a very special connection with this wonderful place that will stay with you forever.

Be yourself, be in Sligo.

International Opportunities

At IT Sligo we hold the Erasmus + Charter and welcome international students from all over the world. They come here to continue their undergraduate and/or postgraduate studies. Time and again they tell us how happy they are with IT Sligo and, in particular, how much they value the friendliness of the traditional Irish welcome. The exchange of culture and the unique opportunity to study and socialise with Irish and other international students is just one of the many wonderful aspects of student life at IT Sligo.

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

Why Choose IT Sligo?

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

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

Got the travel bug and want to study abroad?

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

For Further Information:

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The Beautiful Games

At IT Sligo, we want our students to reach their full potential, academically and personally. We recognise the connection between academic performance, health and wellbeing. That is why sport plays a central role in the life of the Institute for both our students and staff. From basketball to surfing, we have the game for you.

Our Sports Facilities

The Institute's multi-purpose sports facility – the Knocknarea Arena – is the main sporting hub on campus. It houses a top quality sports hall, gymnasium, multi-purpose fitness suite and modern changing facilities. The arena accommodates two full five-a-side pitches or can be divided into two basketball courts. It is also used for concerts, conferences and large-scale public events. Upstairs, the Knocknarea Arena also provides a viewing balcony overlooking the athletics arena and playing pitches, along with a food and beverage canteen.

IT Sligo's Outdoor Sports Facilities Include:

- An international standard floodlit athletics arena with full track and field facilities
- Floodlit championship-standard playing pitches for Gaelic games and soccer
- 3G Astro pitch used for soccer/GAA training, plus internal college tournaments and recreational sport
- Hi-spec training pitches
- Outdoor gym facilities located along the campus 'Slí na Sláinte' (walking trail).

Our Sports Scholarships

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

IT Sligo's Sports Scholarship programme has been running since 2003 and provides a support structure for high achieving sports scholars. We currently offer two Sports Scholarship programme opportunities:

1. IT SLIGO SPORTS SCHOLARSHIP PROGRAMME

Each year, IT Sligo allocates €50,000 to the Institute's Sports Scholarship Programme. The scheme awards Sports Scholarships at three levels: Gold, Silver and Bronze. The Gold Scholarship Award is worth €1,750. Typically, 25 new Sports Scholarships are awarded each year. The closing date for scholarship applications is the end of September.

You can apply online at **ITSLIGO.IE** or email **STUDENTSUPPORTSERVICES@ITSLIGO.IE** for more information.

2. ABBVIE-IT SLIGO SPORTS SCHOLARSHIP AND INTERNSHIP PROGRAMME

High achieving students in the sporting arena have an opportunity to realise their professional career ambitions thanks to a unique sports scholarship collaboration between the global biopharmaceutical company, AbbVie, and IT Sligo. The AbbVie Sports Scholarship and Internship Programme aims to nurture the educational, sporting and leadership ambitions of students. Two AbbVie scholarships will be awarded, each worth €2,000. The successful students will also be eligible for a paid internship with AbbVie.

For more information including application details, see **ITSLIGO.IE/ABBVIE**

IT Sligo doesn't do 'all work, no play'



Our Sports Clubs

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

We place a particular emphasis on making our clubs accessible to all students, regardless of ability. The social aspect of being involved with an IT Sligo sports club is part of the fabric of student life here.



Research Options

Postgraduate Research Degree

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

- The primary mode of learning is self-learning
- There is no formal coursework
- The student is responsible for carrying out the required work to the appropriate standard within the appropriate timeframe
- A supervisor is appointed by the Institute to guide the student in developing and carrying out the project.

An added advantage of this learning mode – beyond achieving Level 9 or Level 10 knowledge and skills – is that the student develops and proves their ability to work alone or in a group, to take responsibility for leading and initiating work and to self-evaluate and manage their own academic and professional development. These skills are valued highly in the workplace.

> "The student develops and proves their ability to work alone or in a group, to take responsibility for leading and initiating work and to self-evaluate and manage their own academic and professional development."

Designing Your Own Research Project

Another difference between taught and research degrees is that the student is involved in the design of his or her studies right from the outset. Each research project is unique and involves a specific research question, which the project is designed to answer in a structured way. This research question may come from a supervisor who has an existing research programme and is developing the area further, or it may come from a student who wants to research a particular topic. In either case, before applying to register, the student and supervisor work together to develop a project plan. This will be built around an appropriate question, and will incorporate a fitting plan of work to answer the question, together with a suitable schedule within which to achieve the degree (a Masters is typically two years, a PhD is typically four years). Registration can be processed at any time of the year. Each applicant's learning background and current circumstances are unique and at all stages of the registration application process, the Research Office will assist the student and their supervisor on any queries they may have.

For Further Information:

DR JOHN BARTLETT
Head of Research
T: +353 (0)71 91 37359
E: bartlett.john@itsligo.ie

Our Innovative Yeats Library

Yeats Library

The Yeats Library is a student centred environment, providing a range of study zones over three floors.

QUIET ZONE (TOP LEVEL):

A traditional library area for your focused silent study with reference material and formal seating.

INFO ZONE (CENTRE LEVEL):

Experienced library staff at the information desk will assist you with research queries. Self service facilities include the Quick Check, networked PCs, photocopying and printing services. Print book collection available for loan.

SOCIAL LEARNING ZONE (LOWER LEVEL):

A place where you can collaborate with your peers on group assignments. Here, you have a choice of seating with a variety of flexible workspaces.

On each floor there are bookable study rooms for group study, project work and to practice presentation skills. There are plenty of network points and of course Wi-Fi is available across the campus. Students are encouraged to avail of training sessions and one to one reference appointments to ensure they make the best use of relevant databases and library services.

Our Collection

Our print and electronic collections reflect the programmes being taught and current research being undertaken at IT Sligo. The library stock includes 75,000 print books, maps, government publications and films on DVD/multimedia. Our online resources include over 170,000 e-books and several thousand e-journal subscriptions which can be accessed anytime, whether you are on or off campus. Our research repository provides access to a collection of research from the Institutes of Technology.

We provide an interlibrary loan and document supply service to allow you to request material not held in our collection.

Library Website

Visit our website **ITSLIGO.IE/LIBRARY** to access resources and support services along with many guides to help you develop your research and learning skills such as academic writing, referencing and study skills. The online help desk ensures that help is at hand for specific queries.

Library Opening Times





"The Yeats Library is situated centrally on campus. It is an innovative and exciting facility with many different spaces in which to learn and where you will go to work with your fellow students on joint projects."

Keeping in Touch with IT Sligo

Graduation marks the successful completion of your studies at IT Sligo and the beginning of your career. The best way to keep in touch with your classmates, lecturers and campus developments at IT Sligo is through our Alumni Association. A simple email or registration on our website will keep you connected to IT Sligo into the future.

Registration confers many benefits including:

- Alumni events, regional chapters and reunions
- Career opportunities at IT Sligo
- Regular Ezine updates on campus developments
- Updates on continuing education opportunities and online programmes
- Commercial offers which may be circulated from time to time.

When you join IT Sligo Alumni you connect with over 50,000 IT Sligo graduates around the world. Joining IT Sligo's Alumni Association is an exciting way of joining a global community.

IT Sligo has also launched a simple social media platform to help you keep in touch with campus developments using our KonnectAgain platform. This service allows you to form groups – such as classmates and friends and will push notifications such as new courses, programmes and vacancies at IT Sligo. You can register on KonnectAgain using the following link: **ITSLIGO.IE/ALUMNI**







CHOOSE HERE





School of Business and Social Sciences

IT Sligo's School of Business and Social Sciences includes the Department of Business, the Department of Marketing, Tourism and Sport and the Department of Social Sciences.

There are 21 courses to choose from, in the fields of Accounting, Finance and Investment, Business, Administration, Marketing, Languages, Sport, Tourism, Early Childhood Care and Education, Social Care Practice, English and Psychology and Sociology and Politics.

THE NEXT STEP IS YOURS, TAKE A LOOK AT IT SLIGO!

Bachelor of Arts (Hons)

Accounting

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG146

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

An accounting subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
32

POINTS:
278

Course Description:

After three years, graduates will hold an honours degree in accounting and can expect to be exempt from all CAP1 examinations with Chartered Accountants Ireland (CAI). The programme is delivered through a combination of lectures, case studies, problem-based learning and computer laboratory work. Students develop a detailed comprehension of core concepts and principles in the area of accounting and will have the ability to apply this knowledge in problem-solving.

Course Structure:

YEAR ONE: The first year is focused on giving students foundation knowledge in core business areas, including accounting principles, business management, law, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: Students explore core business areas in greater depth. Modules include management accounting, financial reporting, and information technology. Knowledge and understanding of key business disciplines are broadened with the introduction of business law, economics, and business management.

YEAR THREE: In third year, students study more advanced accounting topics with a focus on financial management and strategic thinking.

Career Opportunities:

Most graduates progress to a professional accounting qualification. Graduates also pursue careers in finance, banking and financial services, second level teaching (add-on Professional Diploma in Education – PDE) or lecturing (add-on Masters required).

Further Study Opportunities:

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

Professional Recognition:

On completion of the three-year course, graduates are exempt from all CAP1 examinations with the CAI; all 9 fundamental level examinations with the ACCA; all examinations up to Professional 2 stage with CPA. Additional CIMA exemptions are also available.

Higher Certificate in Business

Accounting

ADD-ON COURSE AVAILABLE

Course Description:

This two-year course is delivered through a combination of lectures, tutorials, case studies, problem-based learning and computer laboratory work. Students are given the skills and competencies to carry out day-to-day practical work in accounting and to play a key role in producing reliable financial information. Students will develop a detailed understanding of fundamental concepts and principles in the area of accounting and will have the ability to apply this knowledge in practice.

Course Structure:

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

YEAR ONE: Students are given foundation knowledge in core business areas, including accounting principles, business management, marketing strategy, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: Students advance to more challenging levels in the core business areas: accounting, business management, and information technology. Knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

Career Opportunities:

Highly varied opportunities exist in private industry and in the public service. Graduates may also progress to become qualified professional accountants.

Further Study Opportunities:

Graduates may progress to the add-on Ordinary Degree in Accounting followed by a further one-year Honours Degree in Accounting. Alternatively, graduates may progress to business or marketing ordinary degrees.

Professional Recognition:

Graduates who progress and complete the add-on Level 7 and Level 8 degree programmes are exempt from all CAP1 examinations with the CAI and all 9 fundamental level examinations with the ACCA. Additional CIMA and CPA exemptions are also available.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG108

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

An accounting subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
20

POINTS:
210



Bachelor of Business (Hons)

Finance and Investment

Course Description:

Financial Services is one of the most vibrant sectors in the Irish economy. With over 35,000 people employed in the industry, there remains an ongoing shortage of suitably skilled employees. This programme prepares the graduate for a variety of roles throughout the sector; in funds, insurance, banking and accounting.

Course Structure:

YEAR ONE: The first year focuses on providing the student with foundation knowledge in core business areas, including accounting principles, business management, marketing strategy, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: In second year, students explore core business areas in greater depth. Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

YEAR THREE: In third year, students have the option of either undertaking a work placement of up to seven months or a semester studying abroad.

YEAR FOUR: In year four, students will specialise in finance, with a particular focus on financial management, risk, investments, strategy, and insurance. A range of elective modules is also offered.

Career Opportunities:

Graduates pursue careers in a variety of areas, including accountancy, insurance, stockbroking, financial analysis, financial advice and funds management.

Further Study Opportunities:

Graduates may progress to postgraduate study, teacher training for second level business teaching, or study for professional qualifications in accounting, banking, insurance, or risk management.

Professional Recognition:

This programme gives students 2 exemptions from the CAP 1 examinations of the CAI, as well as exemptions for Insurance Institute of Ireland examinations.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG149

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
30

POINTS:
243

Bachelor of Business (Hons)

Business

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG141

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
40

POINTS:
253

Course Description:

This course provides students with the capabilities, skills and confidence to work in a number of areas of business. It offers practical experience of the workplace, deepening the student's understanding of the business environment and adding to his or her employability. Students acquire skills in marketing, financial management, computer applications, human resource management (HRM), business operations management, entrepreneurship, communications and negotiations.

Course Structure:

YEAR ONE: The first year focuses on providing the student with foundation knowledge in core business areas, including accounting principles, business management, marketing strategy, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

YEAR THREE: In third year, students have the option of either undertaking a work placement or a semester abroad.

YEAR FOUR: In fourth year, students take one of the specialist streams in finance, marketing or HRM. Students' analytical and research skills are enhanced by completing a research thesis.

Career Opportunities:

Graduates enjoy a wide variety of career choices; many have established highly successful businesses, while others have joined graduate training programmes in multinational companies.

Further Study Opportunities:

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

Professional Recognition:

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

Bachelor of Business

Business

ADD-ON COURSE AVAILABLE

Course Description:

The programme focuses on business management, with modules in human resources, finance and accounting, law, marketing and economics. Students also learn about enterprise development and optimising IT for business effectiveness. Students are given a foundation in theoretical principles and are involved in a wide range of practical exercises. Individual and group projects are an integral part of the programme. Guest speakers provide students with an understanding of business practice in a variety of organisational settings.

Course Structure:

YEAR ONE: The first year focuses on providing the student with foundation knowledge in core business areas including accounting principles, business management, marketing principles, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: In second year, students study core business areas at a more advanced level, with modules and practicals in accounting, business management and information technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

YEAR THREE: In third year, students study more advanced business topics in the management area, with a focus on operations, HRM, marketing and finance. Students will also undertake a 1 day a week work-based placement in semester 2.

Career Opportunities:

Graduates take up employment opportunities across a range of sectors: public, private and non-profit. Career options include sales, management, human resources, marketing, finance and accounting.

Further Study Opportunities:

Graduates may progress to the Bachelor of Business (Hons) Degree at IT Sligo or in other higher education Institutions.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG536

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
30

POINTS:
171

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG101

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
40

POINTS:
100

Higher Certificate in Business

Business

Course Description:

Students are introduced to the core functions of business management, including accounting, management, marketing, entrepreneurship, human resource management, IT and small and medium enterprise development. The programme is delivered through a combination of lectures, tutorials, problem-based learning and computer laboratory sessions. Extensive use is made of case studies, podcasts and brainstorming techniques, while industry practitioners deliver guest lectures on a variety of relevant topics. Students learn theoretical and practical skills through individual and group projects.

Course Structure:

YEAR ONE: The first year focuses on providing the student with foundation knowledge in core business areas, including accounting principles, business management, marketing strategy, business mathematics, IT skills and understanding the dynamics of an organisation.

YEAR TWO: In second year, students explore core business areas in greater depth. Modules include accounting, business management and information technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

Career Opportunities:

Typical career options include: trainee manager, junior manager, office manager, project manager, HR assistant, office administrator, junior analyst, entrepreneur, marketing manager, junior executive.

Further Study Opportunities:

Graduates may progress to a number of ordinary degrees, and subsequently to honours degrees at IT Sligo and at other higher education Institutions. There are also opportunities to study abroad in partner Institutes.



ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG535

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
30

POINTS:
233

Bachelor of Business

Business Administration

Course Description:

This programme prepares students for employment in administration and office management at a supervisory or junior management level. The programme builds practical skills, with a strong focus on word processing, databases, spreadsheets, payroll and administration. It provides an interactive learning experience with a focus on practical laboratory classes, case studies and problem-based learning. Students may also take a language elective and complete an Erasmus semester abroad.

Course Structure:

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

YEAR ONE: The first year focuses on foundation knowledge in core business areas, including accounting principles, payroll, business management, business mathematics, computer applications and understanding the dynamics of an organisation.

YEAR TWO: In second year, students study core business areas in greater detail, with modules and practicals in accounting, business management, and information technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and managing the office environment.

YEAR THREE: Students study accounting and information technology, economics, people management, selling and customer care management. They also undertake a work placement.

Career Opportunities:

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

Further Study Opportunities:

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

Higher Certificate in Business

Office Administration

ADD-ON COURSE AVAILABLE

Course Description:

Offering a comprehensive study of office administration, this course includes a strong focus on IT and business applications. Students explore business management and law, finance for business and the challenges of working as part of a team. The programme provides an interactive learning experience with a focus on practical laboratory classes, case studies and problem-based learning.

Course Structure:

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

YEAR ONE: The first year focuses on providing the student with foundation knowledge in core business areas including accounting principles, business management, marketing strategy, business mathematics, information technology skills and understanding the dynamics of an organisation.

YEAR TWO: In second year, students study core business areas at a more advanced level, with modules and practicals in accounting, business management, and information technology. Student knowledge and understanding of key business disciplines is broadened with the introduction of business law, economics, management accounting and enterprise development.

Career Opportunities:

Graduates work as clerical assistants, secretaries/receptionists, financial assistants, bank officials, business managers, office managers and customer care officers.

Further Study Opportunities:

Graduates may progress to a variety of business or marketing degree courses at IT Sligo or at other higher education Institutions.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG105

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:

As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
30

POINTS:
100

Department of Business Add-On Courses

Bachelor of Business in Accounting

Eligible students can progress to the add-on Degree course in Accounting.

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

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

NUMBER OF COURSE PLACES: 30

Bachelor of Business (Hons)

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

AWARD / LEVEL: Ordinary Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Bachelor of Business (Level 7) in a cognate business area.

NUMBER OF COURSE PLACES: 150

Bachelor of Business

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

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

A Higher Certificate in Business (or cognate area).

NUMBER OF COURSE PLACES: 30

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses



Bachelor of Business (Hons)

International Marketing and Sales with French or German or Spanish

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
French: SG142
German: SG143
Spanish: SG144

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
n/a

POINTS:
French: 282
German: 272
Spanish: 243

Course Description:

This programme equips students with the core business skills of international sales, marketing, management and IT, together with foreign language proficiency and cultural awareness. It caters for those who already have a knowledge of French, German or Spanish – typically at Leaving Certificate level – who wish to develop their linguistic skills to a high level of proficiency (a beginner's level stream is also available).

Course Structure:

YEAR ONE: Students focus on core business and marketing principles including customer care, business management, market research and contemporary marketing practice. They are introduced to a variety of sales tools and technologies. The student's chosen language is studied throughout the year.

YEAR TWO: Core business and marketing knowledge is developed through modules in business law, public relations and consumer buyer behaviour. Creative skills are developed in modules such as marketing portfolio, community project and online sales and sales practice. Language proficiency is developed and integrated across the programme.

YEAR THREE: Third year is spent studying at a European partner Institute. Students develop their language skills, engage with new cultures and build international links.

YEAR FOUR: The final year combines the learning gained from the international experience with core business and marketing modules.

Career Opportunities:

Graduates take up multicultural opportunities across a variety of sectors in marketing and sales, communication and media.

Further Study Opportunities:

Postgraduate opportunities include a one-year taught MSc in Marketing, or a Masters/PhD by research.

Bachelor of Business

Marketing and Sales

ADD-ON COURSE AVAILABLE

Course Description:

This programme equips graduates with the most up-to-date thinking and practice in marketing and sales, developing their ability to use digital media for customer acquisition and retention. The course enables graduates to engage and strategically manage channel partners. The inclusion of work-based projects and work placement ensures that graduates will be capable of integrating seamlessly into the workplace.

Course Structure:

YEAR ONE: The first year focuses on core business and marketing principles, including customer care, business management, market research and contemporary marketing practice. Students are introduced to a variety of sales tools and technologies, including principles of sales and digital media for sales.

YEAR TWO: Modules include business law, public relations and consumer buyer behaviour. Creative skills are developed in modules such as marketing portfolio, community project and online sales and sales practice.

YEAR THREE: Students undertake a work placement and manage a sales campaign. They also continue to build on their core business knowledge with modules in marketing communications, principles and practices of sales and enterprise development. Selling skills are enhanced by completing modules in negotiation and marketing communications.

Career Opportunities:

Graduates take up a range of positions, including sales account manager, business development manager, business sales executive, marketing associate and customer service executive.

Further Study Opportunities:

Graduates may progress to the add-on Bachelor of Business (Hons) Degree, where they can continue to specialise in marketing or move to the general business stream. Postgraduate opportunities include a one-year taught MSc in Marketing.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG537

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required

NUMBER OF PLACES:
30

POINTS:
138

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG539

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

NUMBER OF PLACES:
30

POINTS:
189

Bachelor of Business

Digital Marketing

Course Description:

This course offers a blend of core business and marketing subjects, to give students the skills needed to work in a contemporary marketing environment. Students are introduced to a range of design disciplines relevant to interactive media design and are given the skills to plan and implement digital marketing strategies. Crucially, the programme also fosters the creativity to allow students to create digital media material which connects with the target audience.

Course Structure:

YEAR ONE: First year focuses on core business and marketing principles, including customer care, business management, market research and contemporary marketing practice. Students are introduced to a variety of technical aspects and applications such as web design and digital media design.

YEAR TWO: Students develop core business and marketing knowledge with modules in business law, public relations and global business environment. Creativity is enhanced with modules such as marketing portfolio, creative design and community project.

YEAR THREE: Students undertake a work placement and manage a digital campaign. They also build on core business knowledge with modules in marketing communications and principles and practices of sales and enterprise development. Students' technical skills are enhanced with modules in web content management systems, video and animation and social media marketing.

Career Opportunities:

Graduates work as marketing professionals in a range of settings, including digital marketing, social media, content management, multimedia systems development, and the media.

Further Study Opportunities:

Graduates may progress to the add-on Bachelor of Business (Hons) Degree, within marketing or the general business stream. Postgraduate opportunities include a one-year taught MSc in Marketing, or a Masters/PhD by research.

Bachelor of Business (Hons)

Sport with Business

Course Description:

This programme is a unique fusion of business-related disciplines and sport, with specific focus on sports development, health and fitness, outdoor recreation and research skills. The course develops core competencies in business and enterprise, with opportunities for specific skill development in coaching, personal training, education, exercise prescription and health for special populations.

Course Structure:

YEAR ONE: Students study accounting, marketing, information technology, management and sport law. This now includes a focus on applied sports business modules such as management of recreation and fitness and sports planning. They can acquire an industry recognised qualification in fitness instruction and study in a specialist area such as coaching older adults, disability sport or aquatics.

YEAR TWO: Business knowledge is strengthened through modules in enterprise, managing people, digital media, financial management and economics. Students can study surfing, swim teaching or sports nutrition. A 13-week work placement is included in the second semester.

YEAR THREE: Modules in macroeconomics, people management, strategic sports development and sport marketing allow in-depth study of the sport business landscape, while specialist elective modules are also offered. Students also complete a supervised research dissertation.

Career Opportunities:

Graduates are currently employed by national governing bodies of sport and sports partnerships in the area of sports development, strength and conditioning and coaching. Management of sport and recreation facilities and further opportunities exist in the areas of health promotion, education and personal training.

Further Study Opportunities:

Graduates may pursue postgraduate studies in the areas of Education, Strength and Conditioning, Exercise Physiology and Therapy, Health Promotion, Business Management and Marketing.

Professional Recognition:

REPS Ireland Accredited Fitness Instructor, Personal Trainer and National Governing Body Coaching Qualifications and Swim Teaching form an integral part of this degree programme.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG147

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

Successful applicants for this course will be required to undergo Garda vetting and a medical evaluation.

NUMBER OF PLACES:
30

POINTS:
278

WHAT GRADUATES SAY:



"IT Sligo has a lovely family feel to their college, the environment was one of its strongest points. If you're comfortable in your environment it allows you to perform at your best."

Alan Williams
CEO/Owner of
Alan Williams Coaching
BSC IN SPORTS WITH BUSINESS, 2007

Bachelor of Business

Applied Sport with Business

ADD-ON COURSE AVAILABLE

Course Description:

This course affords students the opportunity to study all aspects of Sport and Recreation while also acquiring business, communication and leadership skills. State-of-the-art sports facilities allow students to apply their knowledge and coaching skills in a variety of settings from weights room to running track. Community engagement and opportunities to work with children are unique features of this course which includes a host of industry-recognised coaching qualifications to ensure graduates are employment ready.

Course Structure:

YEAR ONE: Sports modules include aquatics, adventure tourism, fundamental movement skills, athletics, gymnastics and dance. Business modules include financial accounting and business technology.

YEAR TWO: Students study accounting, marketing, information technology, management and sport law. They can acquire an industry recognised qualification in fitness instruction and study in a specialist area such as coaching older adults, disability sport or aquatics. Students may exit the programme after two years with a Higher Certificate in Applied Sport with Business.

YEAR THREE: Business modules include enterprise, managing people, digital media, financial management and economics. Students can study surfing, swim teaching or sports nutrition. A 13-week work placement is included in the final semester of this programme.

Career Opportunities:

We have seen an increasing trend in our graduates choosing an entrepreneurial route with their own fitness and sports related business.

Further Study Opportunities:

Graduates may progress to the add-on Bachelor of Business (Hons) Degree, where they can choose one of four distinct routes: business, marketing, Human Resource management or sport with business stream. **Students intent on pursuing a post graduate teaching qualification in Physical Education (PE) are advised to choose the 'Sports with Business Stream'.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG134

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

Successful applicants for this course will be required to undergo Garda vetting and a medical evaluation.

NUMBER OF PLACES:
50

POINTS:
270

Bachelor of Business (Hons)

Tourism with Event Management

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG148

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

Successful applicants for this course will be required to undergo Garda vetting.

NUMBER OF PLACES:
30

POINTS:
252

Course Description:

This course offers a blend of core business and tourism-related subjects to give students the skills to work in a tourism and/or business environment. There is a strong emphasis on customer service and event management skills. There are weekly site visits to local and national tourism operations, as well as work placement and applied research opportunities. This programme provides a solid foundation in business, an understanding of the tourism sector and a broad career path.

Course Structure:

YEAR ONE: Modules include adventure tourism, tourism and travel industry, cultural tourism, management, business technology and introduction to event management.

YEAR TWO: Students continue to explore the tourism sector and undertake modules in ecotourism and managing tourism impacts, while also developing their event management skills. Students are encouraged to take up a work placement overseas, though domestic placements are also facilitated.

YEAR THREE: Students develop their tourism sector knowledge and study event management technology. They must also create, deliver and evaluate an event. Their business skills are honed with modules in entrepreneurship, financial management and law.

YEAR FOUR: Students focus on the strategic aspects of the tourism sector and complete a dissertation. Modules include strategy, global tourism, and tourism event planning and management.

Career Opportunities:

Graduates work in destination management, exhibition and conference operations, in outdoor centres and festivals, hotels, resorts, cruise ships, airlines and tour operators. Graduates also start their own businesses.

Further Study Opportunities:

Postgraduate opportunities include a one-year taught MSc in Marketing, or a Masters/PhD by research in tourism or a business related topic.

Bachelor of Business

Tourism with Event Management

ADD-ON COURSE AVAILABLE

Course Description:

This programme is focused on student learning outside of the classroom, with weekly field trips to tourist destinations and modules which include adventure tourism, cultural tourism and ecology. The programme includes a four-month work placement, while students also have the option to study abroad in a partner Institution for one semester/one year, and may also choose to study Spanish, French or German at beginners or advanced level.

Course Structure:

YEAR ONE: Students focus on a number of tourism-related modules, including adventure tourism, tourism concepts and cultural tourism, together with business modules which include management, business technology and introduction to event management.

YEAR TWO: Students continue to explore the tourism sector and undertake modules in ecotourism and managing tourism impacts, while also developing their events management skills. Students are encouraged to take up a work placement overseas, though domestic placements are also facilitated.

YEAR THREE: Students hone their creative and event management skills. They must also create, deliver and evaluate an event. Their business skills are further enhanced by studying modules including entrepreneurship, financial management and law.

Career Opportunities:

Graduates work in destination management, exhibition and conference operations, in outdoor centres and festivals, hotels, resorts, cruise ships, airlines, tour operators and heritage products.

Further Study Opportunities:

Graduates may progress to the add-on BBS (Hons) Degree in Tourism with Event Management.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG135

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A business-related subject at Leaving Certificate is not required.

Successful applicants for this course will be required to undergo Garda vetting.

NUMBER OF PLACES:
50

POINTS:
179

Department of Marketing, Tourism and Sport Add-On Courses

Bachelor of Business in International Marketing

This course is aimed at international Erasmus students who wish to avail of the opportunity to spend one or two semesters studying in Ireland. It attracts students from Europe and beyond who wish to improve their business skills through the medium of English. The course is offered in co-operation with partner Institutions in non-English speaking countries.

The aim of this course is to provide our European students with:

- Functional competence in English and the ability to use English in business and marketing scenarios
- Knowledge of marketing and business practices in another EU country
- Additional knowledge and insight into marketing
- The confidence to function in a marketing capacity in an organisation that uses English

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

A Higher Certificate in Business or Marketing or cognate area.

NUMBER OF COURSE PLACES: 40

Bachelor of Business (Hons) for Marketing, Tourism and Sport

Eligible students from Level 7 programmes can progress to the one-year add-on Honours Degree in Business, with options for Sports, Tourism or Marketing stream.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

An Ordinary Degree in Business with Sports/Tourism/Marketing or cognate area.

NUMBER OF COURSE PLACES: 80

Bachelor of Business in Marketing

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

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

A Higher Certificate in Marketing or cognate area.

NUMBER OF COURSE PLACES: 30

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses



WHAT GRADUATES SAY:



"During my course, I completed two work placements which allowed me to experience both a crèche and a school setting giving me the skills and confidence to be the teacher I am today. It taught me the developmental stages a child goes through in their early years."

Victoria Hazlett

Primary School Teacher
Linacre Primary School, UK

BA IN EARLY CHILDHOOD CARE & EDUCATION, 2015

Bachelor of Arts (Hons)

Early Childhood Care and Education

Course Description:

This programme will equip students with a comprehensive knowledge base of all factors influencing children in contemporary society, including play, society, the family, diversity and creative studies. The latter will include drama, music and movement, art, storytelling and children's literature. Students will also study sociology, psychology, education, social policy and law. The aim of the course is to deliver the skills required to improve life outcomes and opportunities for children.

Course Structure:

The programme is structured to give students a holistic perspective of the diverse aspects of a child's life, including the influence of family, society, policy and the government. In year one, students cover policy, sociology, education, care, creative practice, law and psychology. These areas are covered in greater depth as the programme progresses, while elective modules allow students to choose the areas in which they will develop greater understanding. This academic foundation is cemented by two practice placements which provide essential opportunities to link theory to practice under the supervision of a proficient practitioner. There is also the option of completing a final year research project or dissertation.

Career Opportunities:

Graduates work in crèches, nurseries, playgroups and pre-schools, and in a variety of agencies, government programmes and non-government organisations.

Further Study Opportunities:

Postgraduate opportunities include a one-year taught MA in Leadership and Advocacy in the Early Years or a Masters/PhD by research. Graduates may also undertake Postgraduate study in primary school teaching, psychology, disability studies, community development, childhood studies and play therapy.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG242

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

Successful applicants for this course will be required to undergo Garda vetting.

NUMBER OF PLACES:
50

POINTS:
278

Bachelor of Arts (Hons)

Humanities Joint Major: English and Psychology

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG247

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
20

POINTS:
297

Course Description:

The programme supports the acquisition of independent learning, critical thinking and research skills across both subject areas. It will help the student to become an independent learner with the breath of critical thinking skills that are key to ongoing study and employment opportunities. This course is intended to inspire students in both English and Psychology and is aligned to meet Teaching Council requirements for English at second level.

Course Structure:

In first year, students focus on the two core areas of English and Psychology. Subjects such as English literature, prose, poetry, drama studies and foundations of psychology allow students to develop a solid understanding of each area. Students choose between a range of interesting electives including languages, drama and law. In year two, the focus is on specialist joint major areas such as children's literature, drama in education, adult developmental psychology and social psychology.

In the final year of study, students progress to a comprehensive understanding of each subject area, and also undertake a piece of independent research. In addition, students will have the opportunity to experience a component of online teaching.

Career Opportunities:

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

Further Study Opportunities:

Graduates may apply to the taught MA in Leadership and Advocacy in the Early Years or a Masters/PhD by research at IT Sligo. It is expected that a number of graduates will apply to progress to the Masters in Education (MEd) or to a full psychology award at other third level Institutions.

Bachelor of Arts (Hons)

Social Care Practice

Course Description:

Social care practice is emerging as an evidence-based professional field for those who wish to work in the areas of social justice, social care and social policy. Ireland continues to face many social challenges in many areas. These include providing care for children and young people, developing a genuinely inclusive multicultural society, responding to ageing populations and addressing issues related to addiction, unemployment, family breakdown and social inequality. Social care practitioners work to address these challenges.

Course Structure:

Students are encouraged to take responsibility for their own learning and to explore areas that allow them to critically understand the social world in which we live. There is a strong focus on the use of creative tools to develop imaginative responses to social issues. Core modules include professional practice, social research, sociology, psychology, social policy, law and ethics. In the second half of the programme, students select elective modules related to their areas of interest, including children and young people, diversity and global perspectives. The two 13-week periods of professional placement, which take place in years two and three, are a key element of the programme. Students also undertake primary research in an area of interest.

Career Opportunities:

Graduates work in the public, private and voluntary sectors, with service users that include children, youth, the community and the elderly.

Further Study Opportunities:

Graduates may progress to Masters programmes in social care and social justice, social work, addiction studies, equality studies, social research practice, counselling and other areas.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG243

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

Successful applicants for this course will be required to undergo Garda vetting.

NUMBER OF PLACES:
70

POINTS:
317



Bachelor of Arts (Hons)

Humanities Joint Major: Sociology and Politics

Course Description:

Dividing their time between sociology and politics, students develop an in-depth understanding of the forces that create and sustain the political and social world and the inequity that exists within them. By the end of the programme, students will have acquired a comprehensive understanding of both subject areas and be able to apply them to work and life situations.

Course Structure:

YEAR ONE: Students cover a number of compulsory modules that lay the foundations for both subjects. They also choose between a number of elective modules.

YEAR TWO: Students explore specific areas of sociology, including contemporary sociology, gender and sexuality and cultural diversity. Within politics, they will explore political theory, political and civic engagement, active citizenship and European politics. Students also get the chance to actively engage with a political structure or organisation.

YEAR THREE: Students advance their knowledge and skills and will complete a research project on a political or sociological topic of their choice. One of the modules will be delivered using online teaching and learning strategies.

Career Opportunities:

Graduates pursue a wide range of careers in advocacy roles, non-governmental organisations, public sector jobs, community development, social policy, national and local government and teaching – following additional postgraduate study. This course meets the Teaching Council requirements for CSPE subject delivery at second level.

Further Study Opportunities:

Graduates may apply to the taught MA in Social Care and Social Justice or a Masters/PhD by research at IT Sligo. It is expected that a number of graduates will apply to progress to the Masters in Education (MEd), Masters in Social Justice, Masters in Politics or Masters in Equality Studies at other third level Institutions.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG248

DURATION:
3 Years

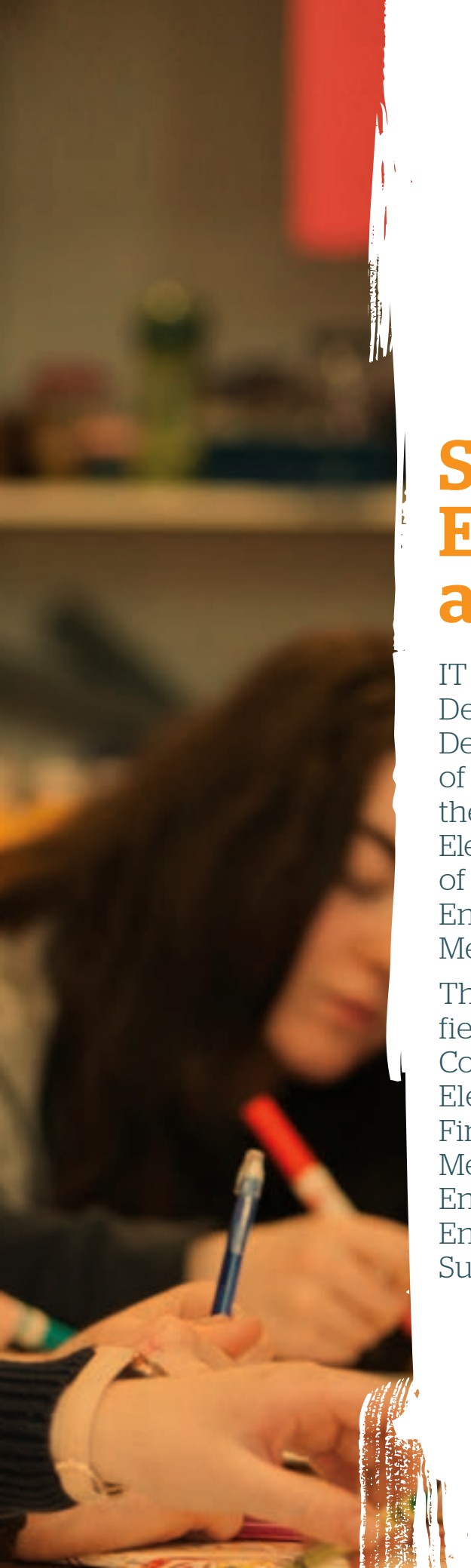
OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
20

POINTS:
217

LEARN HERE





School of Engineering and Design

IT Sligo's School of Engineering and Design contains the Section of Arts, Design and Architecture, the Department of Civil Engineering and Construction, the Department of Computing and Electronic Engineering, the Department of Mechanical and Manufacturing Engineering and the Department of Mechatronics.

There are 38 courses to choose from in the fields of Architecture, Civil Engineering, Computing, Construction, Creative Design, Electronic and Computer Engineering, Fine Art, Interior Architecture and Design, Mechanical Engineering, Mechatronic Engineering, Performing Arts, Precision Engineering and Design, Quantity Surveying and Writing and Literature.

THE NEXT STEP IS YOURS, TAKE A LOOK AT IT SLIGO!

Bachelor of Architecture (Hons)

Architecture

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG347

DURATION:
5 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
New Course
CAO points will be available in August 2018.

Course Description:

The ethos of architecture at IT Sligo is a belief in the potential of architecture to transform places. We aim for a strong student-centred and student-led culture and our ambition is to impress upon the students their role in contributing to society as a new generation of architects for this area and beyond.

Architecture at IT Sligo aims to encourage students to develop an understanding of and sensitivity to historical, contextual and cultural influences on the practice of design in a local, national, and global context. Just as music and poetry possess universality as well as an acutely personal sentiment, architecture provides another perspective into how we dwell, how we interact and how we seek meaning between ourselves and the world which surrounds us. We aim to build on our lineage, born of the energy specific to this location on the edge of the Atlantic. We embrace our role in the region as the educational centre supporting discourse and social engagement on the transformative role of architecture and exploring its relevance for future place-making, facilitating active participation of people in realising the potential of their place. Our philosophical approach to architecture centres on:

- Interpretation of Place
- Regionally Transformative Architecture
- Architectural Regeneration of our Built Heritage
- Human Experience and Perception of Space.

The modularised syllabus aims to empower students with a desire to make a positive difference, along with teaching them how to think outside the box and gain skills that employers value. You will develop your own creative ideas and study alongside passionate academics, practicing architects and design professionals. The Bachelors of Architecture degree (BArch) is at the ‘development stage’ of the RIAI accreditation process. The earliest that this qualification may achieve prescription under the Building Control Act 2007 is when the first cohort of students graduate from the programme in 2023. The Bachelors of Architecture degree (BArch) will also have an embedded RIBA international validation at part 1 level.

Career Opportunities

The qualification is for the profession of architecture. However, a diverse range of career opportunities in the creative industries exists, utilising the skills taught through the education of an architect.

Bachelor of Arts

Interior Architecture and Design

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG331

DURATION:
3 Years

PROFESSIONAL ACCREDITING BODY:
European Council of Interior Architects (ECIA)

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
20

POINTS:
191

Course Description:

Interior Architecture and Design is a profession that explores new ways to create inspiring interior environments, touching upon other disciplines, including furniture design, lighting and exhibition design. This course places the creative responsive to culture, community and location at the heart of every project. Interactions with live clients, sites and diverse design projects provide students with real-world design challenges, with a focus on developing versatile, industry-ready skills. Students are motivated to be innovative and progressive trendsetters, inspired by up-to-date knowledge of the design world.

Course Structure:

Design studio accounts for 50% of the programme in each year, supported by modules in representation (including CAD, photoshop and REVIT); design context and theory; materials and technology; and professional practice. Our dynamic studio explores diverse design projects, including residential, hospitality, cultural, exhibition, community, conservation, restoration, furniture and lighting design, as well as collaborative projects with students from arts and construction-based professions. Students enjoy one-on-one contact time with tutors in dedicated studio spaces. Annual field trips to design cities (including Amsterdam, Barcelona, Berlin, London, Milan, Rome, Stockholm and Venice) provide first-hand experience of cutting-edge contemporary design.

Career Opportunities:

Graduates work as Interior Architects, Interior Designers or specialist designers in retail, branding, hospitality design, contract interiors, and point of purchase design. There are also opportunities in exhibition design, TV and film, lighting, visualisation, and 3D modelling. IT Sligo's Interior Architecture programmes are the first in Ireland to be recognised by the ECIA (European Council of Interior Architects).

Further Study Opportunities:

BA (Hons) in Interior Architecture and Design at IT Sligo BA (Hons) Level 8 (1 year full-time blended/online, or 2 years part-time blended/online), or national and international L8 programs in Interior Architecture, Interior Design and Spatial Design.

Bachelor of Arts (Hons)

Creative Design

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG245

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
32

POINTS:
264

Course Description:

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

Course Structure:

YEAR ONE: Modules include creative design, visual and material culture, CAD for design, digital media for design, visual literacy and professional practice.

YEAR TWO: Modules include creative design, visual and material culture, CAD for design, digital media for design and professional practice (marketing and law).

YEAR THREE: Year three gives you the opportunity to continue advancing your design skills by entering national and international design competitions and to travel abroad on an international student exchange programme. There is also the option of work placement.

YEAR FOUR: In the final year you will use all the skills you have gained in the previous three years to produce your final project, which will be exhibited to the public in the IT Sligo's annual Design Showcase.

Career Opportunities:

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

Further Study Opportunities:

Graduates will be eligible to undertake further studies at Masters and PhD level.

Bachelor of Arts

Creative Design

ADD-ON COURSE AVAILABLE

Course Description:

Everything used in everyday life – from toothbrushes and clothes to cars and computers – has been creatively designed by someone. This course will appeal to candidates who are problem-solvers looking for an opportunity to shape the world in which they live. Students are provided with an in-depth education in creative design and, from day one, given real opportunities to work with companies and other outside bodies to develop essential, innovative and technical skills.

Course Structure:

YEAR ONE: Modules include creative design, visual and material culture, CAD for design, digital media for design, visual literacy and professional practice.

YEAR TWO: The modules covered in second year include creative design, visual and material culture, CAD for design, digital media for design and professional practice (marketing and law).

YEAR THREE: Year three gives you the opportunity to continue advancing your design skills by entering national and international design competitions and to travel abroad on an international student exchange programme. There is also the option of work placement.

Career Opportunities:

Graduates work in design consultancy, design education, design management, exhibition design, furniture design, industrial design, interior design, multimedia and graphic design.

Further Study Opportunities:

Graduates may progress to the fourth year of the BA (Hons) in Creative Design.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG232

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
32

POINTS:
200

WHAT GRADUATES SAY:



"The Arts department at IT Sligo provides a depth of knowledge and experience in visual arts and encourages and supports students to investigate and explore. The annual gallery trip abroad is invaluable and assists in opening our minds to broader cultural and visual arts contexts."

Celina Muldoon

Visual Artist and Full Time Educator

BA FINE ART 2014

Bachelor of Arts (Hons)

Fine Art

Course Description:

This course is designed to offer students a wide experience of materials, processes and ideas within a supportive and stimulating environment. Individual modules include painting, printmaking, drawing, ceramics, sculptural studies, visual literacy and digital lens-based media. Students will be equipped with the practical skills, knowledge and intellectual resources necessary for a rewarding career in the arts.

Course Structure:

Students are given individual studio spaces and access to specialised and well-equipped printmaking, ceramics, photography and digital media workshops. All lecturers are practicing artists who bring a wealth of knowledge and experience to their teaching roles. Contemporary and historical art practices are examined through a series of lectures, seminars and written assignments. As students progress through the course, there is an increasing emphasis on individual research and outcomes. External engagements include a regular visiting artist lecture series and national and international study trips. Students also have the opportunity to make collaborative projects with local and national art Institutions. A work-in-context module offers real-world experience within the arts sector.

Career Opportunities:

Graduates work as painters, printmakers, ceramicists, filmmakers, photographers and gallery owners. They also pursue careers in arts administration, arts management, art therapy, exhibition, curation and education.

Further Study Opportunities:

Graduates may progress to an MA in Fine Art or a cognate discipline.

Applications:

Applications for this course are made through the CAO. All applicants will be called for interview and a score is given to both the interview (out of 100) and to your academic results for applicants under 23 years old.

For interview you are asked to bring along a maximum of ten (10) pieces of finished work, along with studies and notebooks that demonstrate the development of your ideas.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG244

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:

As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

Additionally, an interview to discuss and consider your work will be held in March/April (dates on itsligo.ie).

NUMBER OF PLACES:
32

POINTS:
356

Points are a combination of CAO + Interview score (with examples of work).

Mature applicants are assessed on the basis of an interview and examples of their work.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG231

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

Additionally, an interview to discuss and consider your work will be held in March/April (dates on itsligo.ie).

NUMBER OF PLACES:
32

POINTS:
350
Points are a combination of CAO + Interview score (with examples of work).

Mature applicants are assessed on the basis of an interview and examples of their work.

Bachelor of Arts

Fine Art

Course Description:

Studying fine art encourages students to develop individual ways of thinking and of expressing themselves in visual and theoretical terms. It fosters an awareness of and responsiveness to the world around and within them. It recognises the value of individual approaches and provides an environment for learning and confidence building.

Course Structure:

The course is designed to offer students the widest possible experience in materials and media. Ceramics, drawing, digital media, history/theory of art, painting, photography and video, printmaking, sculptural studies, work in context, visual literacy and visual material culture are taught, with an increasing focus on the student's own research and art-making initiatives as the years progress. One of the most important things to remember about fine art is that there is no map, no agreed way of doing things. At IT Sligo, we provide students with the skills and resources to make this an exciting journey. We are interested in people who want to pursue a career in art making and related fields. The students on our course are of all ages and come from a wide variety of backgrounds. What unites them is that they are creative and imaginative people who can respond to the world around them in visual terms.

Career Opportunities:

Graduates work as painters, printmakers, ceramicists, film-makers, photographers and gallery owners. They also pursue careers in arts administration, arts management, art therapy, exhibition, curation and education.

Further Study Opportunities:

Graduates may progress to the add-on BA (Hons) in Fine Art at IT Sligo.

Applications:

Applications for this course are made through the CAO. All applicants will be called for interview and a score is given to both the interview (out of 100) and to your academic results for applicants under 23 years old.

For interview you are asked to bring along a maximum of ten (10) pieces of finished work, along with studies and notebooks that demonstrate the development of your ideas.

Bachelor of Arts (Hons)

Performing Arts

Course Description:

This programme is unique in Ireland, offering tuition to Level 8 in the linked fields of acting/performance and theatre design. The design strand is linked to the Abbey Theatre, giving students access to rehearsals, technical departments, work placements and backstage. Locally, the course benefits from its relationship with the Blue Raincoat Theatre Company, The Model Arts Centre and the Hawk's Well Theatre.

Course Structure:

YEAR ONE: Modules include acting, theatre design, voice and movement, culture, performance and representation, digital media, performance analysis and directing.

YEAR TWO: Students choose either acting or theatre design and specialise for the remaining three years. Modules common to both strands include culture, performance and representation, and directing.

YEAR THREE: Students study acting/theatre design and directing, examining performance in cultural, historical and representational contexts. Students also complete a project, which may take the form of creative writing, a film or theatre project, a semester in another college, or a 4-6 month work placement.

YEAR FOUR: The focus is on professional practice. Students interact with leading practitioners from the industry who discuss their work and offer specialist advice.

Career Opportunities:

Graduates work as actors or designers for theatre, film and TV, in the performing arts and creative industries.

Further Study Opportunities:

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

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG241

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
32

POINTS:
267

WHAT GRADUATES SAY:



"My qualification has given me the opportunity to work with many other people working in the Arts. I gained priceless skills which I have used to build and maintain my theatre company."

Treasa Nealon

Theatre Maker/Actor,
Rabbit's Riot Theatre Company

BA (HONS) IN PERFORMING ARTS, 2014

Bachelor of Arts

Performing Arts (Theatre Design)

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG235

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
24

POINTS:
225

Course Description:

This course prepares graduates for work in the expanding stage and screen industries. Students develop skills in spatial awareness, visual research, text and character analysis, model-making, costume design, technical drawing and performance design. Coursework takes full advantage of the Institute's close ties with Sligo's arts community, including the Blue Raincoat Theatre Company, the Model Arts Centre and the Hawk's Well Theatre. In addition, our unique partnership with the Abbey Theatre introduces core skills in all forms of stagecraft, including directing and lighting design.

Course Structure:

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

YEAR TWO: Students engage in set, costume and lighting design as a foundation for all industry design practices for stage, screen and TV. Cultural/performance studies introduce students to a variety of visual, literary and critical faculties from a range of cultural and historical backgrounds. Plays, film, productions and live performance are considered from practical and academic contexts.

YEAR THREE: Students focus on a complete design realisation in 3D scale, with costume designs and technical drawings (CAD), in collaboration with a professional director. Students critically engage in theoretical and practical learning across a range of areas including postmodernism, gender theory, post-dramatic performance and postcolonialism.

Career Opportunities:

Graduates pursue careers in design, direction and production in theatre, film, TV and radio. They also work in education.

Further Study Opportunities:

Graduates may progress to a BA (Hons) in Performing Arts at IT Sligo, with further study leading to an MA or PhD in the discipline.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG236

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
24

POINTS:
198

Bachelor of Arts

Performing Arts (Acting)

Course Description:

This new course is designed to provide graduates with the skills to work as actors in theatre, film and television. Coursework includes skills classes, workshops, masterclasses from industry professionals, and performances in the Institute's Black Box theatre. Students are introduced to the main acting genres, learning vocal and movement skills and characterisation. Cultural and Performance Studies will connect students with cultural and historical backgrounds.

Course Structure:

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

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

YEAR THREE: The focus shifts to considering the relationship between the actor and the audience. Students engage in a variety of performance contexts outside of the Institute in cultural/performance studies. Students explore postmodernism, gender theory, post-dramatic performance and postcolonialism.

Career Opportunities:

Career opportunities in the following areas including acting, directing, facilitation, production and education. Our graduates have also become playwrights and have founded theatre companies.

Further Study Opportunities:

Graduates may progress to a BA (Hons) in Performing Arts at IT Sligo, with further study leading to an MA or PhD in the discipline.

Bachelor of Arts (Hons)

Writing and Literature

Course Description:

This new programme focuses on developing writing skills. Students explore fiction, non-fiction, poetry, screenwriting, playwriting, flash fiction, cultural journalism and other forms of writing. Coursework is anchored by a detailed study of English literature, drama and film. The programme is delivered through interactive workshops, seminars and field trips. Visiting lecturers will include novelists, poets, screenwriters, playwrights, bloggers, journalists, editors, agents and publishers. Students will develop a portfolio of writing and will collaborate on creative projects, including film and performance.

Course Structure:

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

YEAR TWO: Students study film, video production and screenwriting, and explore the major literary and cultural movements of the 20th century and their impact on the development of narrative forms.

YEAR THREE: Students focus on professional practice and building a portfolio of work. They also look at the contemporary Irish literary and publishing scene. Modules include contemporary Irish theatre, writing and publishing.

Career Opportunities:

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

Further Study Opportunities:

Graduates will be eligible to progress to a number of postgraduate degrees in Ireland and abroad, including MAs in creative writing, journalism, English literature, drama and theatre studies, and publishing.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG249

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Mathematics is not a requirement for this programme.

NUMBER OF PLACES:
16

POINTS:
298

WHAT GRADUATES SAY:



"The depth of knowledge from the highly respected lecturers on the Fine Art programme proved second to none and actually inspired me to enter the world of Education. The course itself covers all aspects of the fine art world, from contemporary painters to funding applications and artistic presenting skills. The course and lecturers pushed me artistically and helped me further my skill set, leaving me fully prepared for graduate life."

Gavin Mc Crea

Visual Artist / Part Time Lecturer,
South West College, Enniskillen

BA (HONS) FINE ART 2017

Section of Arts, Design and Architecture Add-On Courses

BA (Hons) in Interior Architecture and Design

Eligible students can progress to the add-on Honours Degree course in Interior Architecture and Design.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on) full time
or 2 years/4 semesters (add-on) part time.

MINIMUM ENTRY REQUIREMENTS:

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

For queries please contact admissions and/or Rowan Watson at watson.rowan@itsligo.ie

NUMBER OF COURSE PLACES: 20

BA (Hons) in Creative Design

Eligible students can progress to the add-on Honours Degree course in Creative Design.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this programme is a Level 7 degree in a cognate area.

NUMBER OF COURSE PLACES:
Subject to availability

BA (Hons) in Fine Art

Eligible students can progress to the add-on Honours Degree course in Fine Art.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this programme is a Level 7 degree in a cognate area.

NUMBER OF COURSE PLACES: 20

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

Bachelor of Engineering (Hons)

Civil Engineering

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG342

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:

As an exception to the normal minimum entry requirements set out on page 148, a minimum of a H5 in Mathematics is required.

For students who do not have a H5 grade in Higher Level Mathematics, IT Sligo has a special Mathematics Examination, which is equivalent to Higher Level Mathematics.

For further information on this examination, please visit itsligo.ie.

NUMBER OF PLACES:
32

POINTS:
403

Course Description:

The overall focus of the course is the development of skills in core civil engineering areas, including structures, geotechnical engineering, materials, hydraulics, highway and transportation engineering and environmental engineering. This is supplemented with modules in communication, information technology, personal development and project management.

Course Structure:

The course is a blend of formal lectures and practicals to enhance understanding of module topics and projects to apply learning outcomes to civil engineering applications. The early part of the course is designed to allow students to develop an understanding of science and technology, which are the underlying principles of engineering. Written and verbal communication skills are continuously developed through presentations and technical writing. A final year project allows the student to demonstrate his or her research skills.

Modules include computer aided design (CAD), information and communication technology, civil engineering materials and engineering science, surveying and construction technology, environmental engineering, geotechnical engineering, hydraulic engineering, structural analysis and design, project management and highway and transportation engineering.

Career Opportunities:

Graduates work as professional civil engineers in the research, design, management, supervision, construction and maintenance of civil engineering projects for local authorities, government agencies, engineering contractors and consultants.

Further Study Opportunities:

Graduates may progress to taught and research Masters of Engineering at IT Sligo or at other higher education Institutions.

Professional Recognition:

The course is accredited as meeting the educational standard for Chartered Engineer Membership of Engineers Ireland, in conjunction with an accredited MEng in Civil Engineering course.

Bachelor of Engineering

Civil Engineering

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG338

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
190

Course Description:

This course is a blend of formal lectures and practicals to enhance understanding of topics and projects to apply learning outcomes to typical civil engineering applications. Civil engineering is a dynamic industry that is continuously evolving. At the end of this course, graduates will have the skills demanded by employers in a resurgent construction industry in Ireland, while recognition of the qualification around the world provides graduates with an array of international opportunities.

Course Structure:

The early part of the course is designed to allow students to develop an understanding of science and technology, which are the underlying principles of engineering. Gradually, students are introduced to core civil engineering areas: structural, hydraulic, geotechnical and highway engineering, as well as project and site management. Written and verbal communication skills are continuously developed through presentations and technical writing. A final year project allows the student to demonstrate his or her research skills.

Modules include computer aided design (CAD), information and communication technology, civil engineering materials, surveying and construction technology, engineering science, environmental engineering, geotechnical and highway engineering, hydraulic engineering, structural analysis and design and mathematics.

Career Opportunities:

Graduates work in the design, specification, supervision, construction and maintenance of civil engineering projects with local authorities, government agencies, engineering contractors and consultants.

Further Study Opportunities:

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

Professional Recognition:

The course is accredited as meeting the educational standard required for Associate Engineer Membership of Engineers Ireland.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG301

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
137

Higher Certificate in Engineering

Civil Engineering

Course Description:

This programme offers ideal preparation for employment as a civil engineer. It is accredited as meeting the educational standard required for Engineering Technician Membership of Engineers Ireland. IT Sligo engineering technicians are leaders in their field, and work alongside and support chartered engineers in the successful implementation of civil engineering schemes.

Course Structure:

This course is a blend of formal lectures, practical classes and projects designed to allow students to apply what they learn to typical civil engineering applications. The early part of the course is primarily concerned with developing a good understanding of the underlying science and technology of engineering. Students are then introduced to core civil engineering areas. Written and verbal communication skills are developed through presentations and technical writing. Subjects studied include computer aided design (CAD), drawing, civil engineering materials, construction technology, engineering science and chemistry, information and communication technology, surveying and mathematics. In the second year, the emphasis moves to core civil engineering topics. Subjects include: civil engineering materials, environmental engineering, geotechnical engineering and geology, hydraulic engineering and structural mechanics, analysis and design.

Career Opportunities:

Graduates work as engineering technicians in the drafting, design, specification, supervision, construction and maintenance of civil engineering projects.

Further Study Opportunities:

Graduates may progress to the add-on BEng in Civil Engineering at IT Sligo or at other higher education Institutions.

Professional Recognition:

Accreditation of the Higher Certificate in Civil Engineering by Engineers Ireland means that your qualification is recognised around the world.

Bachelor of Science (Hons)

Construction Project Management and Applied Technology

Course Description:

Through academic learning and practical experience, students gain the essential skills and knowledge of construction project management, focusing on the technologies, economics and law and management skills which are required to deliver projects to a professional standard. Students will take part in team work, independent learning, decision making and problem solving and develop technical and interpersonal skills to deliver better value through integrated design. The course has been designed in partnership with the construction industry to meet the needs of the 'Green Economy', a major area of employment within the Irish economy.

Course Structure:

Initially students will learn practical skills in carpentry and joinery, and will develop in-depth knowledge of sustainable building technologies and materials, including the retrofitting and refurbishment of existing dwellings to achieve a low carbon design, and the construction of new low-energy buildings. Key skills will be gained in the management areas including risk management, procurement, project finance, environmental management, planning and control. Professional skills will be gained through a multidisciplinary project and through project planning and risk management software.

Career Opportunities:

Graduates will be fully equipped to take up positions as project managers, project leaders and coordinators in a variety of disciplines including construction, energy, utilities, pharmaceutical, telecommunications, architecture, production, design and service industries.

Further Study Opportunities:

Opportunities are available at Masters level in project management and energy management.

Professional Recognition:

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

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG346

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
New Course
CAO points will be available in August 2018.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG332

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

If you are under 23 years of age, you must have a Leaving Certificate or equivalent, e.g. National Craft Certificate (Phases 2, 4 and 6).

Applicants holding a phase 6 Craft Certificate can gain automatic entry to Year Two of the programme.

NUMBER OF PLACES:
32

POINTS:
156

Bachelor of Science

Advanced Wood and Sustainable Building Technology

Course Description:

This course is designed to give students practical in-depth knowledge of sustainable building technologies, methods and materials, including the construction of low-energy buildings and the retrofitting and refurbishment of existing dwellings to achieve a low carbon design. It is delivered through lectures and practicals.

Course Structure:

Modules include practical carpentry and joinery, sustainable construction technology, graphical communication and design, computer aided design (CAD), measurement and costing, health and safety for the built environment, computer applications, site surveying and building information modelling (BIM). Throughout the programme, real life practical projects are used to reinforce the theory, culminating in third year with a major practical project combining all course modules.

Career Opportunities:

Graduates work with building contractors, architects, quantity surveyors and local authorities, as carpenters, fire safety engineers, site managers, project managers and architectural technicians. They work in areas including the retrofitting of existing building stock, in BER certification, in the preparation of working drawings and specifications, in surveying and site setting out.

Further Study Opportunities:

Graduates may progress to the add-on BSc (Hons) in Construction Project Management at IT Sligo, or other related courses.

Professional Recognition:

This programme is accredited by CIOB (Chartered Institute of Building), the largest professional network of its kind in the world.





Bachelor of Science (Hons)

Quantity Surveying

Course Description:

This course prepares students for the specialised discipline of quantity surveying. Its design is heavily influenced by the requirements of the Society of Chartered Surveyors Ireland (SCSI), the professional accrediting body for the programme. In addition to construction related technical subjects and IT applications, the syllabus covers a range of professional skills, including communication, ethics, construction law and management. There is also a work placement, where the student gets an insight into the professional workplace.

Course Structure:

In the first year students will study core modules, including building technology, measurement, surveying and drawing, and computer aided design (CAD). Specialist areas are introduced as the course progresses. These include contract administration, construction economics, property and facilities management and construction law. The course culminates in fourth year with the completion of a multidisciplinary project in collaboration with students in Interior Architecture, Civil Engineering and Construction Project Management. There is also an individual dissertation completed under the supervision of an appointed supervisor.

Career Opportunities:

Graduates work with quantity surveying firms, contracting organisations and specialist sub-contracting companies, in facilities management, project management, property management and dispute resolution.

Further Study Opportunities:

Opportunities are available at Masters level in project management and energy management.

Professional Recognition:

The programme is fully accredited for subsequent membership of the Society of Chartered Surveyors Ireland (SCSI), the Royal Institution of Chartered Surveyors (RICS) and the Chartered Institute of Building (CIOB).

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG343

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
254

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG339

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
170

Bachelor of Science

Quantity Surveying

Course Description:

Quantity surveying is all about the cost management of construction projects. This course will give students the necessary knowledge and skills to plan and control costs, and to competently administer construction projects. We use the latest construction industry IT, including computer aided design (CAD), building information modelling (BIM), and work closely with contractors, subcontractors and professional organisations to make sure that the curriculum reflects the needs of the workplace. A period of work placement provides students with an opportunity to experience construction activity first hand.

Course Structure:

YEAR ONE: The course commences with the key subjects of building technology, measurement, surveying and drawing/CAD – providing a solid grounding in the core knowledge and skills of the construction professional. There is also an ongoing focus on verbal and written communication.

YEAR TWO: Core subjects are covered at a more advanced level, together with quantity surveying software, construction/materials management and law. Students learn how to estimate construction costs using software.

YEAR THREE: The course culminates in third year with estimating, administration and economics. Students also undertake a research project of their choice.

Career Opportunities:

Graduates typically work as site surveyors, estimators, site clerks, loss adjusters, materials managers, sales representatives and quantity surveying technicians.

Further Study Opportunities:

Graduates may progress to the final year of the BSc (Hons) in Quantity Surveying or to a one-year BSc (Hons) in Construction Project Management at IT Sligo.

Professional Recognition:

The course is accredited by the Chartered Institute of Building (CIOB) – the largest professional network of its kind in the world.

Higher Certificate in Science

Construction Economics

ADD-ON COURSE AVAILABLE

Course Description:

This programme is designed for those with an interest in the building industry and offers graduates a broad skills base for management of construction projects with a strong emphasis on cost. The need for managing costs when setting up sites and the efficient control of labour, plant and materials are vital for the successful completion of a project within an agreed budget. This course will ensure that graduates are prepared for the role of managing construction projects in an ever changing industry.

Course Structure:

YEAR ONE: The course commences with modules in building technology, measurement, surveying and computer aided design (CAD). An Introduction to the Building Industry module provides an understanding of the complexities of modern construction, while a module in Site Management deals with the organisational skills, materials management and Health and Safety requirements of running a building site. Year one also provides an ongoing focus on verbal, written and digital communication.

YEAR TWO: Students are introduced to modules of law and construction administration, which examine the necessary aspects of contracts, payments and insurances. Cost Planning and Cost Control and Programming modules provide the necessary skills for planning and running a construction project of any size. Year two also introduces measurement and pricing software, ensuring that all students completing the course will be able to estimate the cost of construction projects using modern software.

Career Opportunities:

Graduates work as surveyors, estimators, site clerks, site managers, materials managers, sales representatives and quantity surveying technicians with contractors, sub-contractors, construction specialists and materials suppliers.

Further Study Opportunities:

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

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG302

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
280



Department of Civil Engineering and Construction Add-On Courses

BEng (Hons) in Civil Engineering

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 2 years

MINIMUM ENTRY REQUIREMENTS:

The minimum entry requirements are an average of 55% or above in the award year of the Ordinary BEng degree, and either 70% or above in the mathematics modules in the award year of the Ordinary BEng degree, or a pass in the special IT Sligo mathematics examination (pre-degree mathematics) held in late August/ early September each year. Further information can be obtained from **ITSLIGO.IE**

NUMBER OF COURSE PLACES: 33

BSc (Hons) in Quantity Surveying

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The BSc (Hons) Quantity Surveying add-on course is directed at graduates who have obtained a minimum final result of 50% in a cognate Level 7 degree.

NUMBER OF COURSE PLACES: 32

BSc (Hons) in Construction Project Management

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year full-time,
2 years part-time (online)

MINIMUM ENTRY REQUIREMENTS:

The BSc (Hons) in Construction Project Management (add-on) course is directed at graduates who have obtained a minimum final result of 40% in a cognate Level 7 degree.

NUMBER OF COURSE PLACES: 32

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

Bachelor of Science (Hons)

Computing

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG246

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
25

POINTS:
283

Course Description:

The Bachelor of Science (Hons) in Computing is designed to equip students with the knowledge, skills and competencies to work in an IT department. The course fosters the ability to maintain, develop, quality assure and deploy IT applications, or build and support IT infrastructures. Students enjoy a rich mix of work-based projects, together with a work placement module that will ensure that they are well prepared for the workplace.

Course Structure:

YEAR ONE: The focus is on giving students a learning experience across a broad range of subjects, including programming, web design, networking and robotics. Students apply theory in computer labs, where tutoring is available from skilled lecturers.

YEAR TWO: Students continue to explore their chosen areas in more detail. Modules include database development and Unix. Optional subjects include routing protocols and software engineering.

YEAR THREE: The emphasis is on preparing the student for the workplace while exploring their chosen area in greater detail. Students undertake team projects and complete a three-month work placement in the industry.

YEAR FOUR: Students become more focused on their chosen area and undertake an individual project. Core modules include managing behaviour in organisations and IT management.

Career Opportunities:

Graduates work locally, nationally and internationally as software developers, software quality assurance personnel, systems engineers, telecoms engineers, database developers and database administrators.

Further Study Opportunities:

Students may progress to Masters level in a range of disciplines.

WHAT GRADUATES SAY:



"I learned critical skills at IT Sligo but I also found the course to be very "hands on" and practical which I really liked as it helped me massively when I got my first tech job. The work placement in third year was also hugely important and an amazing experience to set you up for success when you do enter the jobs market after qualifying."

Joe Dunleavy
VP, Head of Innovation,
Pramerica Systems Ireland Ltd.
BSC (HONS) IN COMPUTING 2002

Bachelor of Arts (Hons)

Application Design and User Experience (UX)

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG250

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
25

POINTS:
New Course
CAO points will be available in August 2018.

Course Description:

User Experience (or Digital Product Design) is the process of designing digital products that are useful, easy to use, and delightful to interact with. The course equally equips you with the tools and skills to bring ideas to life. You'll learn rapid coding techniques to let you iterate quickly through your ideas and put them into the hands of users for real-world testing.

Course Structure:

YEAR ONE: Students will be given an introduction to computer programming, the Internet of Things and Web Design Fundamentals. There will also be modules in Design Thinking and Personal Development.

YEAR TWO: There will be modules in UX/UI Research and Design, Web Design and Development and Cloud Computing. Students will be introduced to database technology and client side scripting.

YEAR THREE: Students will undertake an experiential UX/UI project. There will be modules in Software Project Management and Content Management Systems and App Development. Students will also have the opportunity to engage in work experience.

YEAR FOUR: There will be a focus on augmented UX/UI design, and behavioural psychology and content strategy for UX. Modules will include Big Data Analysis, Open Stack Development and Strategic Technology Management.

Career Opportunities:

From this course you may choose to focus on software development or you may concentrate on the design process, which developers will then implement. You'll work closely with software, product or process development teams helping to ensure that the form taken by the developers will engage and satisfy the customer. Look for any of these keywords on jobs boards: UX, UI, User Experience, Digital designer, interaction design, visual designer.

Further Study Opportunities:

Students may progress to a MSc in Computing or MA in User Experience or a cognate discipline. There are a number of such courses available reflecting the gap between UX graduates and the market demand.

Bachelor of Science (Hons)

Computer Networks and Cloud Infrastructure

Course Description:

This course is fundamentally a computing course, but one with a clear focus on the infrastructure that powers the movement of data about the internet. Practically every business relies on its Information and Communication Technologies (ICT) network – maintaining systems and launching new ones are critical. Our aim is to train systems and network experts who can work in virtually any industry that relies on these key business systems.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students will be introduced to Networks and Database Technology and Management. Modules will include Linux, Signals and Systems, and Server Network Infrastructure.

YEAR THREE: In year three you'll have the space and support to work in a team year-long towards a solution that will impress employers.

YEAR FOUR: The emphasis is on preparing the student for the workplace through a work placement. Our network of employers welcome this course and a successful work placement is often the door to a full-time job.

Career Opportunities:

Graduates work with the likes of Cisco, Dell EMC and Vodafone to build capacity in the global data networks.

Further Study Opportunities:

Students as with any Level 8 in computing may progress to an MSc in Computing.

Accreditation:

This course is mapped onto professional industry qualifications in the areas of CompTIA A+, CCNA, CCNA Security, CCNP Routing and Switching. This helps to prepare graduates for immediate employment locally, nationally and internationally.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG253

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
25

POINTS:
New Course
CAO points will be available in August 2018.

Bachelor of Science (Hons)

Computing (Smart Technologies)

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG251

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
25

POINTS:
New Course
CAO points will be available in August 2018.

Course Description:

This course is fundamentally a computing course, but one with a clear focus to equip you for the convergence of software, hardware, and networking.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: We have invested heavily in Raspberry Pi, Arduino kit and sensors so you can 'play' with building your own solution to design problems. You will do this substantially throughout year two and beyond.

YEAR THREE: Substantial projects enable you to really grapple with a problem and create a great solution. In year three you'll have the space and support to work in a team towards a solution that will impress employers.

YEAR FOUR: The emphasis is on preparing the student for the workplace through work placement. Our network of employers welcomes this course and a successful work placement is often the door to a full-time job.

Career Opportunities:

The career options can be that of a general computing graduate, as you will acquire all the core skills of programming and networking. However, with the special focus of the course you will attract the attention of companies like Intel and Microsoft, who are looking to future markets for their existing products.

Further Study Opportunities:

Students, as with any Level 8 in computing, may progress to an MSc in Computing.

Bachelor of Science (Hons)

Software Development

Course Description:

The course focus is on the design and development of software to prepare you for the workplace. Some of the subject areas you will cover include programming, design thinking, web design, internet of things, database development, software engineering, project management, security, testing and mobile development. Work placement is built into the course so you have our help and assistance in taking that first step on your career ladder.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students will be introduced to database technology and management. Modules include web design and development, object oriented programming, cloud computing and web programming.

YEAR THREE: Substantial projects enable you to really grapple with a problem and create a great solution. In year three you'll have the space and support to work in a team year-long towards a solution that will impress employers.

YEAR FOUR: The emphasis is on preparing the student for the workplace through a work placement. Our network of employers welcomes this course and a successful work placement is often the door to a full-time job.

Career Opportunities:

There are many progression routes into the software industry. Future career paths include software testing, software engineering, web development, application development, mobile app development, games development, systems analysing, project management.

Further Study Opportunities:

Students, as with any Level 8 in computing, may progress to an MSc in Computing.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG252

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
25

POINTS:
New Course
CAO points will be available in August 2018.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG138

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
30

POINTS:
New Course
CAO points will be available in August 2018.

Bachelor of Science

Computing (General Entry)

Course Description:

The BSc in Computing is a 3 year course where you begin in a shared first year alongside all other computing students across our courses. At year-end, we counsel you on your next step and (space permitted) admit you to your chosen course at that stage. These choices include BA (Ord) App Design and User Experience; BSc (Ord) Computing (Smart Technologies); BSc (Ord) Software Development; BSc (Ord) Computer Networks and Cloud Infrastructure; BSc (Ord) Games Development.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students choose from the list of courses above.

YEAR THREE: Modules include web programming, software project management, rich application development, and database progamming. After your third year, you may choose to continue your study to acquire a Level 8 Honours Degree. Alternatively, you complete your third year with a three-month work placement – an excellent introduction to your potential future employer.

Career Opportunities:

Your career opportunities will vary according to your choice of course in year two. However, the ICT jobs shortage across the sector is an opportunity for our graduates - as many as 900,000 roles are left unfilled across Europe. A survey (FIT Skills Audit, 2014) of almost 100 IT companies in Ireland showed there were 7000 jobs in Ireland that ICT employers were finding very difficult to fill.

Further Study Opportunities:

All the course choices have an option to progress to Level 8.

Bachelor of Science

Games Development

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG131

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
50

POINTS:
216

Course Description:

This course uses a software engineering approach to games development, combining the study of the technical aspects of games programming, including virtual reality, augmented reality and artificial intelligence. While focused on developing games software, we also provide a general grounding in software engineering to equip you with the breadth of skills to work in any aspect of the Information Technology industry.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie. Games development students diverge from the common year to get access to a special subject, designed specifically to prepare them for future games programming subjects.

YEAR TWO: There will be modules in both 2D and 3D games programming, object oriented programming and game content design. Students will be introduced to database technology and data structures and algorithms.

YEAR THREE: In year three you'll have the space and support to work in a team to design and develop an original gaming experience.

YEAR FOUR: The emphasis is on preparing the student for the workplace through work placement. Our network of employers welcomes this course and a successful work placement is often the door to a full-time job.

Career Opportunities:

Games development graduates of IT Sligo are prepared for a number of roles within the current development landscape in Ireland and internationally. These roles include gameplay developers, level designers, game designers, tool developers.

Further Study Opportunities:

Students with any Level 7 in Games Development may progress to a Level 8 in Software Development at IT Sligo.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG137

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
30

POINTS:
New Course
CAO points will be available in August 2018.

Bachelor of Science

Computer Networks and Cloud Infrastructure

Course Description:

Previously titled 'Systems & Networking', this course has been significantly updated and is designed for students to gain a strong foundation in computer networking, server management, cloud computing and telecommunications, up to the equivalent internationally recognised certification level. Students are given the skills, knowledge and competencies required to begin a career in IT, computer networking, network administration, server management, virtualisation, cloud computing, telecommunications, security and voice and data centre administration.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students study networking, operating systems, routing, telecommunications and server management. As most applications rely heavily on data, we also present two modules on different aspects of database development.

YEAR THREE: Third year culminates in a 4-6 month industry placement, drawing on the range of skills studied throughout the course. Based on our discussions with, and feedback from the IT industry, we have embedded a set of key skills in this course. There is a focus on areas such as wireless, LAN and WAN management and database administration. Students also complete a year long software group project.

Career Opportunities:

Graduates work in network installation, network administration, telecoms engineering, network architecture, network engineering, system administration, system engineering and project management.

Further Study Opportunities:

Graduates may progress to the BSc (Hons) in Computer Networks and Cloud Infrastructure.

Bachelor of Science

Software Development

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG136

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
30

POINTS:
218

Course Description:

The material covers a broad range of industry skills, from web to mobile to enterprise, with a focus on practical, hands-on learning. Students are placed in an industry setting for 4-6 months in their final year. The course's aim is to fully equip graduates with up-to-the-minute technology expertise to enable them to compete on a global stage. We constantly reassess course content to keep pace with emerging platforms and industry trends.

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students are given a comprehensive introduction to modern object-oriented programming. To support web development, we look to client-side scripting and to ASP.NET for server-side web application programming. We also present two modules on different aspects of database development.

YEAR THREE: Third year culminates in a 4-6 month industry placement. Software development in this year is increasingly influenced by marketplace needs. Students explore strategies to plan, manage and build software projects. They also complete a year-long software group project, drawing on the range of skills studied throughout the course.

Career Opportunities:

Graduates work as web application developers, mobile developers, test engineers, front-end developers, project managers, database application specialists, internet designers and developers, business systems analysts, user experience (UX) practitioners, interface designers, information architects, information security analysts and client/server application developers.

Further Study Opportunities:

Graduates may progress to the BSc (Hons) in computing in software development.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG102

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

NUMBER OF PLACES:
30

POINTS:
New Course
CAO points will be available in August 2018.

Higher Certificate in Science

Computing (General Entry)

Course Description:

The Higher Certificate in Computing is a two-year course where you begin in a shared first year alongside all other computing students across our courses. At year-end, we counsel you on your next step and (space permitted) admit you to your chosen course at that stage. These choices include H. Cert App Design and User Experience; H. Cert Computing (Smart Technologies); H. Cert Software Development; H. Cert Computer Networks and Cloud Computing; H. Cert Games Development.

After your second year, you may choose to continue your study in that computer course to acquire a Level 7 Ordinary Degree or beyond, to a Level 8 course (all but Games Development offer a Level 8 Degree).

Course Structure:

YEAR ONE: A common first year across computing courses allows students and lecturers alike to establish where each student's strengths lie.

YEAR TWO: Students choose from the list of courses above. After your second year, you may choose to continue your study in that computer course to acquire a Level 7 Ordinary Degree or beyond, to a Level 8 course (all but Games Development offer a Level 8 Degree).

Career Opportunities:

Your career opportunities will vary according to your choice of course in Year two. However, the ICT jobs shortage across the sector is an opportunity for our graduates - as many as 900,000 roles are left unfilled across Europe. A survey (FIT Skills Audit, 2014) of almost 100 IT companies in Ireland showed there were 7,000 jobs in Ireland that ICT employers were finding very difficult to fill.

Further Study Opportunities:

All the course choices have an option to progress to Level 7, gaining you an Ordinary Degree with a work placement at year end, providing an excellent introduction to your future employer.

Bachelor of Engineering

Electronic and Computer Engineering

ADD-ON COURSE AVAILABLE

Course Description:

This three-year course provides a solid foundation in engineering science and applied mathematics, addresses general electronic engineering technologies and has a strong emphasis on practical, hands-on modules and project work in both hardware and software. Students become competent in embedded programming, data communications, digital signal processing and mobile applications. They learn to work effectively as problem solvers in a team environment.

Course Structure:

YEAR ONE: Students explore different areas of engineering through a selection of practical modules, including C programming, circuit design and electronic principles. Students will study general engineering subjects such as mathematics, physics and introduction to engineering.

YEAR TWO: The focus moves to the fundamental principles of electronic engineering and the study of embedded systems.

YEAR THREE: Students study specialist electronic engineering modules including digital signal processing and mobile applications, to ensure that they become proficient in electronic system design and real-time programming. Strong emphasis is placed on project work, which allows students to develop their abilities in the areas of design, implementation, report writing, time management and problem solving.

Career Opportunities:

Graduates work in medical devices, artificial intelligence, robotics, automation, automotive and consumer electronics. Work is typically focused on solving operating problems.

Further Study Opportunities:

Graduates may progress to BEng (Hons) in Electronic Engineering (online), or continue their studies at higher education Institutions.

Professional Recognition:

This course is accredited as meeting the educational standard required for Associate Engineer Membership of Engineers Ireland.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG337

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32
Combined with the Higher Certificate in Electronic Engineering

POINTS:
228

WHAT GRADUATES SAY:



"I found the following modules Audio and Image and Digital Signal Processing very beneficial to my career. There are so many different camera systems and being able to understand how the camera processes images makes my job a lot easier. I enjoyed my time so much in IT Sligo that I am back studying part-time to gain my Level 8 Honours Degree."

Nicola Joyce

Process Technician, Boston Scientific

BENG IN ELECTRONIC AND COMPUTER ENGINEERING, 2015

Higher Certificate in Engineering

Electronic and Computer Engineering

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG305

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32
Combined with BEng in Electronic Engineering (Level 7).

POINTS:
156

Course Description:

This two-year course provides a solid foundation in engineering science and applied mathematics, addresses general electronic engineering software and hardware technologies and has a strong emphasis on practical, hands-on modules and project work in design and manufacture. Students become competent in C programming, microcontroller architecture and instrumentation, and learn to work effectively as problem solvers in a team environment. This course is particularly suited to candidates that enjoy taking an idea and making it real.

Course Structure:

YEAR ONE: Students explore different areas of engineering through a selection of practical modules, including introduction to programming, electronic principles and introduction to engineering. Students also study general engineering subjects such as mathematics and physics, along with computer systems and circuit design.

YEAR TWO: Students deepen their understanding of the core modules of electronic engineering, studying modules including applied electronics, audio and image processing, C programming, instrumentation and control and microcontroller architecture. This range of modules develops the student's skills through a combination of hands-on experience and theoretical knowledge.

Career Opportunities:

Graduates design prototypes, maintain equipment, programme computers, test products, operate quality assurance systems and provide technical support to the operation of production process equipment.

Further Study Opportunities:

Graduates may progress to the BEng in Electronic and Computer Engineering at IT Sligo or at other higher education Institutions.

WHAT GRADUATES SAY:



"My 6 month work placement was with Gartan Technologies in Donegal. It went so well I was offered a role on a permanent basis, and still work with Gartan ten years later. In my time here I've been a Junior Developer, Support Developer, Senior Developer, and now Business Development Manager for our Australia and New Zealand business. I ended up moving to Sydney to set up the Australian office and now work with our clients and work on growing the business here."

Aaran Heavey
Gartan Technologies, Sydney, Australia
BSC IN SOFTWARE DEVELOPMENT, 2008

Department of Computing and Electronic Engineering Add-On Courses

BSc (Hons) in Software Development

Eligible students can progress to the add-on Honours Degree courses in Software Development.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

We offer this course as an add-on year of study, leading to a BSc Honours in Computing (Software Development). Typically, students, having completed our BSc in Computing in Software Development, are invited to progress to this fourth year of study. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

NUMBER OF COURSE PLACES: 20

BEng (Hons) in Electronic and Computer Engineering

Eligible students can progress to the add-on Honours Degree course in Electronic Engineering.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this course is a 50% or higher grade at Ordinary Degree (Level 7) in Electronic Engineering or a related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

NUMBER OF COURSE PLACES: 32

BSc (Hons) in Systems and Networking

Eligible students can progress to the add-on Honours Degree course in Systems and Networking.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

We offer this course as an add-on year of study, leading to a BSc Honours in Computing (Systems and Networking). Typically, applicants will have completed the Level 7 BSc in Computing in Systems and Networking (or equivalent). The core subjects are closely aligned with Microsoft and CISCO technologies and certification, enabling the student to learn with the latest tools/technologies and achieve industry-recognised certifications.

NUMBER OF COURSE PLACES: 20

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG333

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
64
Combined with the Higher Certificate in Mechanical Engineering.

POINTS:
182

Bachelor of Engineering

Mechanical Engineering

Course Description:

This course provides graduates with the skills to pursue a career in mechanical engineering and design in a wide range of industries, both here and abroad. It is an interactive learning experience, with a strong emphasis on practical, hands-on modules and project work in design and manufacture. Modules are designed and delivered to ensure students are prepared for industry and/or progression to higher level courses, while also enhancing their leadership and management skills.

Course Structure:

YEAR ONE: Students explore the different areas of engineering through a selection of practical modules, allowing them to decide which area they wish to pursue in second year. Students also study general engineering subjects including mathematics, physics, mechanics, engineering technology and computer-aided design.

YEAR TWO: Students specialise in mechanical engineering, and study engineering materials, computer-integrated manufacturing and automation technology, computer-aided manufacture, advanced manufacturing technology and computer aided design (CAD).

YEAR THREE: Students enhance their knowledge and skill levels in CAD, manufacture and automation, and perform more detailed analysis in mechanics, fluids, thermodynamics and engineering materials and testing. Students also undertake a major design and build group project.

Career Opportunities:

Graduates work as technicians, technologists and associate engineers in product/machine design and development, fabrication, testing, maintenance and repair, energy utilisation and project management.

Further Study Opportunities:

Graduates who achieve an average mark of 50% or higher in this course may progress to the BEng (Hons) in Mechanical Engineering at IT Sligo or related Level 8 courses at other third-level Institutions.

Professional Recognition:

This course is accredited as meeting the educational standard required for Associate Engineer Membership of Engineers Ireland.

Higher Certificate in Engineering

Mechanical Engineering

ADD-ON COURSE AVAILABLE

Course Description:

This programme gives graduates the skills to pursue a career in mechanical engineering and design in a wide range of industries. It provides a solid foundation in engineering science and applied mathematics, addresses all general mechanical engineering technologies, and has a strong emphasis on practical, hands-on modules and project work. Students study computer aided design (CAD), automation technology, fabrication and manufacturing technology, and learn to work effectively as problem solvers in a team environment.

Course Structure:

YEAR ONE: Students explore the different areas of engineering through a selection of practical modules involving mechanical, mechatronic and electronic principles. This approach allows students to decide which area they wish to pursue in second year. Students will also study general engineering subjects including mathematics, physics, mechanics, engineering technology and computer-aided design.

YEAR TWO: Students specialise in the core modules of mechanical engineering and study engineering materials, computer-integrated manufacturing and automation technology, computer-aided manufacture, advanced manufacturing technology and CAD. The student's skills are developed through a combination of hands-on experience and theoretical knowledge.

Career Opportunities:

Graduates work fabricating prototypes, preparing drawings, using CAD, testing products and operating quality assurance systems. Engineering technicians provide technical support in the operation of production process equipment.

Further Study Opportunities:

Graduates may progress to the BEng in Mechanical Engineering and also the BEng in Precision Engineering and Design at IT Sligo.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG303

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
64
Combined with the Higher Certificate in Mechanical Engineering.

POINTS:
100

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG336

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
264

Bachelor of Engineering

Precision Engineering and Design

Course Description:

IT Sligo has consulted widely with industry to develop this unique programme, which will give graduates the skills required by modern companies in precision engineering, mechanical engineering and advanced manufacturing. Students will acquire the specialist knowledge and skills needed to design and manufacture modern, high-tech engineering products, and to design and build the specialist equipment needed for their manufacture. Skill shortages have been identified in precision engineering and increased job opportunities have been predicted for engineers with these skills.

Course Structure:

YEAR ONE: Students complete practical work in computer aided design (CAD), machining, automation, metrology and computer numerical control (CNC) programming. They also study mathematics, physics and mechanics, engineering science and electrical and electronic principles.

YEAR TWO: Students improve their knowledge and skill levels in CAD, CNC programming, automation and manufacturing technologies. They are introduced to polymer processing and engineering materials, and develop proficiency in mathematics and mechanics. Project and entrepreneurship modules ensure that professional transferable skills are acquired in project management, creativity, innovation and entrepreneurship.

YEAR THREE: Specialist precision engineering modules ensure that students become proficient in product and tool design, CNC technologies, robotics, integrated manufacturing, metrology, validation and quality management. Students complete a major final year project.

Career Opportunities:

Graduates will take up roles in design, manufacturing, project management, procurement and validation in advanced manufacturing and precision engineering companies.

Further Study Opportunities:

Graduates who achieve an average mark of 50% may progress to the BEng (Hons) in Precision Engineering and Design at IT Sligo.

Higher Certificate in Engineering

Precision Engineering and Design

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG307

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
145

Course Description:

This programme has been developed as a result of skills shortages identified in precision engineering roles in the manufacturing industry. It addresses all general mechanical and precision engineering technologies and provides a solid foundation in design, engineering science and applied mathematics. Practical hands-on modules and project work ensure that students develop proficiency in precision manufacturing technologies, computer aided design (CAD) and automation, while also giving them the skills needed to work effectively as problem solvers in a team environment.

Course Structure:

YEAR ONE: Students complete practical work in computer aided design (CAD), machining, automation, metrology and computer numerical control (CNC) programming. Students also study mathematics, physics and mechanics, engineering science and electrical and electronic principles.

YEAR TWO: Students continue to improve their knowledge and skill levels in CAD, CNC programming, automation and manufacturing technologies. They are introduced to polymer processing and engineering materials, and continue to develop proficiency in mathematics and mechanics. Project and entrepreneurship modules ensure that professional transferable skills are acquired in project management, creativity, innovation and entrepreneurship.

Career Opportunities:

Graduates work as technicians in advanced manufacturing industry. They assist in design, manufacture, CNC programming and machining, automation, quality, metrology and validation roles.

Further Study Opportunities:

Graduates may progress to the one-year BEng in Precision Engineering and Design at IT Sligo.

Department of Mechanical and Manufacturing Engineering Add-On Courses

BEng (Hons) in Mechanical Engineering

Eligible students can progress to the add-on Honours Degree course in Mechanical Engineering.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this course is a 50% or higher grade at Ordinary Degree (Level 7) in Mechanical Engineering or a related discipline. Applicants with other qualifications and/or relevant industrial experience will also be considered.

NUMBER OF COURSE PLACES: 32

BEng (Hons) in Precision Engineering and Design

Eligible students can progress to the add-on Honours Degree course in Precision Engineering and Design. This programme includes a substantial (one year) work experience placement in industry.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this course is a 50% or higher grade at Ordinary Degree (Level 7) in Precision Engineering and Design or a related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

NUMBER OF COURSE PLACES: 32

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses



ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG330

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
New Course
CAO points will be available in August 2018.

Bachelor of Engineering

Engineering (General Entry)

Course Description:

IT Sligo offers a wide range of engineering courses such as Civil, Mechanical, Electronic, Mechatronic, Precision and Manufacturing. This course offers you the opportunity of studying engineering in a general way for a year before specialising in an area of your choice. This general engineering year gives students an exposure to all the different types of engineering that are on offer and equips the students with the fundamentals of engineering. It will help to make an informed choice of what field of engineering to enter based on aptitude and interest. On successful completion of the first year exams you will transfer into second year in one of the courses mentioned.

Course Structure:

YEAR ONE: The first year focuses on the fundamentals of engineering such as engineering maths, engineering science, introduction to engineering, computer aided design (CAD), and modelling among others.

YEAR TWO: Students choose which specialty from electronic, mechanical or precision to explore and engage in more detailed applications of the fundamentals in engineering in their chosen field.

YEAR THREE: Students undertake a project to develop and display their technical skills, as well as conducting more advanced analysis and developing practical skills relevant to their discipline.

Career Opportunities:

Engineering has a very diverse application in both private and public sector from the design and construction of buildings, bridges and roads to working with innovative technology within the aerospace and automotive industries, as well as taking lead roles in the manufacturing and medical device sector.

Further Study Opportunities:

Graduates may progress to a wide range of Honours Degree courses at IT Sligo.

Professional Recognition:

This Level 7 Ordinary Degrees is recognised by Engineers Ireland.

Higher Certificate in Engineering

Engineering (General Entry)

ADD-ON COURSE AVAILABLE

Course Description:

IT Sligo offers a wide range of engineering courses such as Civil, Mechanical, Electronic, Mechatronic, Precision and Manufacturing. This course offers you the opportunity of studying engineering in a general way for a year before specialising in an area of your choice. This general engineering year gives students an exposure to all the different types of engineering that are on offer and equips the students with the fundamentals of engineering. It will help to make an informed choice of what field of engineering to enter based on aptitude and interest. On successful completion of the first year exams students will transfer into second year of the level 6 course of their choice.

Course Structure:

YEAR ONE: Students focus on the fundamentals of engineering such as engineering maths, engineering science, introduction to engineering, and computer aided design (CAD) and modelling, among others.

YEAR TWO: Students choose which specialty from electronic, mechanical or precision to explore, engaging in more detailed applications of the fundamentals in engineering in their chosen field. Students will exit with a Level 6 Certificate after the second year.

Career Opportunities:

Engineering has a very diverse application in both private and public sector from the design and construction of buildings, bridges and roads to working with innovative technology within the aerospace and automotive industries as well as taking lead roles in the manufacturing and medical device sector.

Further Study Opportunities:

Graduates may continue to the final year of the Ordinary Degree course in their chosen field.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG300

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32

POINTS:
New Course
CAO points will be available in August 2018.

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG334

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32
Combined with the Higher Certificate in Mechatronics.

POINTS:
249

Bachelor of Engineering

Mechatronics

Course Description:

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems used in modern manufacturing industries. Mechatronics engineers design, build and operate intelligent machines including robots and flexible manufacturing systems. This programme provides students with the skills to meet the needs of highly automated manufacturing industries. During this course, students will learn how to design, build and control the machines and processes that are found in a wide range of sectors.

Course Structure:

YEAR ONE: Students study general engineering subjects including mathematics and physics, and modules including mechatronics, technology, practical electronics and C programming.

YEAR TWO: Students deepen their studies in the core modules of mechatronics, studying instrumentation and control, applied electronics and electrical signals and systems. Hands-on experience in robotics, electronics, pneumatics and programmable logic controllers help to develop the skills expected of a mechatronic technician.

YEAR THREE: Specialist modules including industrial data communication, control systems, supervisory control and data acquisition ensure that students become proficient in electronic system design, real-time programming and process control. Students develop their abilities in design, implementation, report writing, time management and problem solving.

Career Opportunities:

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

Further Study Opportunities:

Graduates may progress to the BEng (Hons) in Mechatronics at IT Sligo or at other higher education Institutions.

Professional Recognition:

This course is accredited as meeting the educational standard required for Associate Engineer Membership of Engineers Ireland.

Higher Certificate in Engineering

Mechatronics

ADD-ON COURSE AVAILABLE

Course Description:

Mechatronics is the combination of mechanical, electronic, robotic and software engineering systems used in modern manufacturing industries. Mechatronics engineers design, build and operate intelligent machines, including robots and flexible manufacturing systems. This programme is designed to address the needs of industry by supplying skilled technicians who have developed a diverse set of skills in machine design, sensor technology, control systems, computing and industrial networks. During this course, students will learn how to design, build and control the machines and processes present in the modern workplace.

Course Structure:

YEAR ONE: Different areas of engineering are explored through a selection of practical modules involving mechatronic, mechanical and electronic principles. Students study general engineering subjects including mathematics and physics and modules including mechatronics, technology, practical electronics and C programming.

YEAR TWO: In second year, students deepen their studies in the core modules of mechatronics, studying instrumentation and control, applied electronics and electrical signals and systems. Hands-on experience in robotics, electronics, pneumatics and programmable logic controllers help to develop the skills expected of a mechatronic technician.

Career Opportunities:

Graduates work as technicians in a variety of industries, including manufacturing, biomedical, automotive, agriculture and food processing.

Further Study Opportunities:

Graduates may progress to the BEng in Mechatronics at IT Sligo or at other higher education Institutions.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG306

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
As an exception to the normal minimum entry requirements set out on page 148, Foundation Level Mathematics is not accepted for this programme.

NUMBER OF PLACES:
32
Combined with BEng in Mechatronics (Level 7).

POINTS:
162



Department of Mechatronic Engineering Add-On Courses

BEng (Hons) in Mechatronics

Eligible students can progress to the add-on Honours Degree course in Mechatronics.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on),
2 years via online delivery.

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this course is a 50% or higher grade at Ordinary Degree (Level 7) in Mechatronics or a related discipline. Applicants with other qualifications and/or with relevant industrial experience will also be considered.

NUMBER OF COURSE PLACES: 32

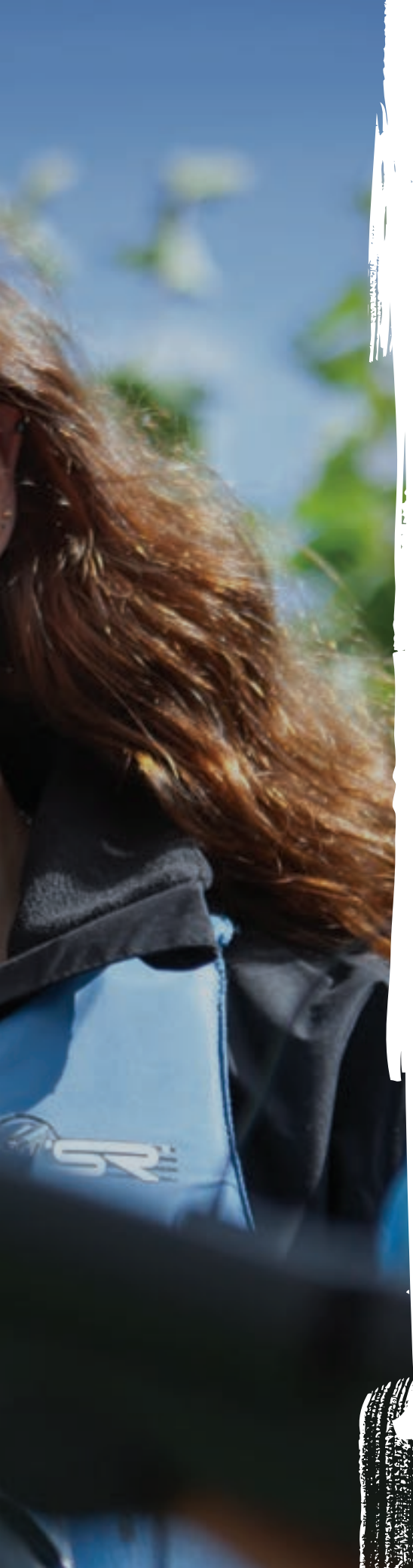
For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

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School of Science

IT Sligo's School of Science contains the Department of Environmental Science, the Department of Health and Nutritional Sciences and the Department of Life Sciences.

There are 21 courses to choose from ranging from Science, Applied Archaeology, Agri-Food Science, Biomedical, Environmental Science, Forensic Investigation and Analysis, Health Science and Physiology, Human Nutrition, Occupational Safety and Health and Pharmaceutical with Drug Development.

THE NEXT STEP IS YOURS, TAKE A LOOK AT IT SLIGO!

Bachelor of Science (Hons)

Agri-Food Science

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG440

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
16

POINTS:
307

Course Description:

This programme has been developed to meet the demand for graduates with integrated skills in the agri-food sector. It is science based and covers the production and processing of agri-food, food processing technologies and sustainable production across the food chain (farm-to-fork). Graduates are given the necessary skill set for employment in the food industry and/or the government agencies who are working to meet the growing demand for quality Irish food.

Course Structure:

The first year focuses on giving students a general education in foundation science subjects. Modules include an introduction to agri-food systems, information technology and communications.

In second and third year, studies focus on plant and animal sciences in the context of livestock management and crop production.

Students explore resource efficiency in the module food processing technologies and study quality food microbiology and food analysis. Students also gain a knowledge of food legislation and marketing. A 6-9 month work placement in the agri-food sector, designed to help students develop practical skills and experience, is included in third year. In the final year, studies focus on research, product innovation and development, food traceability and sustainability. Students also gain a knowledge of policy and legislation in the agri-food business, marketing and export.

Career Opportunities:

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

Further Study Opportunities:

Graduates may progress to taught and research Masters and PhD degrees at IT Sligo or other higher education Institutions.

Bachelor of Science

Agri-Food Science

ADD-ON COURSE AVAILABLE

Course Description:

This programme has been developed to meet the demand for graduates with integrated skills in the agri-food sector. It is science based and covers the production and processing of agri-food, food processing technologies and sustainable production across the food chain (farm-to-fork). Graduates are given the necessary skill set for employment in the food industry and/or the government agencies who are working to meet the growing demand for quality Irish food.

Course Structure:

The first year focuses on giving students a general education in foundation science subjects. Modules include an introduction to agrifood systems, information technology and communications.

In second and third year, studies focus on plant and animal sciences in the context of livestock management and crop production. Students explore resource efficiency in the module food processing technologies, and study quality food microbiology and food analysis.

Students also gain a knowledge of food legislation and marketing. A 6-9 month work placement in the agri-food sector, designed to help students develop practical skills and experience, is included in the programme.

Career Opportunities:

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

Further Study Opportunities:

Graduates may progress to the one-year add-on BSc (Hons) in Agri-Food Science at IT Sligo.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG430

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
24

POINTS:
234

Bachelor of Science (Hons)

Applied Archaeology

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG446

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
24

POINTS:
326

Course Description:

This course focuses on the past 10,000 years of human activity in Ireland. What makes it stand out is its emphasis on scientific analytical techniques and applied field skills. It offers many unique modules not found on other courses, including geophysical survey and zooarchaeology. With the unique collection of varied archaeological sites located in Sligo and the West, this is the perfect location for would-be archaeologists.

Course Structure:

YEAR ONE: Students study Irish and World Archaeology, as well as Mesolithic, Early Medieval and Viking Ireland and Europe. They are also provided with an overview of the core sciences, computing and communication skills. At the end of the year, students participate in a training excavation.

YEAR TWO: There are modules on field surveying, geology and earth science, environmental archaeology, animal bones, geophysical surveying, forensic archaeology, chemical analysis of archaeological remains and using statistics in archaeological interpretation.

YEAR THREE: Students study Iron Age and Post-Medieval archaeology. There are modules on the analysis of human bones, DNA, archaeological materials and artefacts, as well as practical modules such as post-excavation analysis, commercial archaeology, the archaeology of buildings, digital archaeology, geographical information systems and mapping.

YEAR FOUR: Students study animal bones, artefact conservation, landscape archaeology and dating techniques, as well as anthropology and archaeology of death, advanced archaeological theory and cultural biographies. Students also complete a thesis.

Career Opportunities:

Graduates work in archaeological consultancy, archaeological surveying and excavations, museums in the National Roads Authority and in the government and semi-state sector.

Further Study Opportunities:

Graduates may progress to postgraduate studies.

Bachelor of Science

Applied Archaeology

ADD-ON COURSE AVAILABLE

Course Description:

This course focuses on the past 10,000 years of human activity in Ireland. What makes it stand out is its emphasis on scientific analytical techniques and applied field skills. It offers many unique modules not found on other courses, including geophysical survey and zooarchaeology. With the unique collection of varied archaeological sites located in Sligo and the West, this is the perfect location for would-be archaeologists.

Course Structure:

YEAR ONE: Students study Irish and World Archaeology, as well as Mesolithic, Early Medieval and Viking Ireland and Europe. They are also provided with an overview of the core sciences, computing and communication skills. At the end of the year, students participate in a training excavation.

YEAR TWO: Students continue to explore Irish and European archaeology. There are modules on field surveying, geology and earth science, environmental archaeology, animal bones, geophysical surveying, forensic archaeology, chemical analysis of archaeological remains and using statistics in archaeological interpretation.

YEAR THREE: Students study the Iron Age and Post-Medieval archaeology. There are modules on the analysis of human bones, DNA, archaeological materials and artefacts as well as practical modules such as post-excavation analysis, commercial archaeology, and the archaeology of buildings, digital archaeology, geographical information systems and mapping.

Career Opportunities:

Graduates work in archaeological consultancy, archaeological surveying and excavations, museums in the National Roads Authority and in the government and semi-state sector.

Further Study Opportunities:

Graduates may progress to the final year of the BSc (Hons) in Applied Archaeology.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG438

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
24

POINTS:
223

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG403

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
24

POINTS:
134

Higher Certificate in Science

Applied Archaeology

Course Description:

This course focuses on the past 10,000 years of human activity in Ireland. What makes it stand out is its emphasis on scientific analytical techniques and applied field skills. It offers many unique modules not found on other courses, including geophysical survey and zooarchaeology. With the unique collection of varied archaeological sites located in Sligo and the West, this is the perfect location for would-be archaeologists.

Course Structure:

YEAR ONE: Students are introduced to Irish and world archaeology, as well as Mesolithic, Early Medieval and Viking Ireland and Europe. Students are also provided with an overview of the core sciences, computing and communication skills. At the end of the year, students participate in a training excavation.

YEAR TWO: In second year, students continue to explore Irish and European archaeology, including the Neolithic, Bronze Age and the High and Late Medieval periods. There are also modules on field surveying, geology and earth science, environmental archaeology, animal bones, geophysical surveying, forensic archaeology, chemical analysis of archaeological remains and using statistics in archaeological interpretation.

Career Opportunities:

Graduates work in archaeological consultancy, archaeological surveying and excavations, museums in the National Roads Authority and in the government and semi-state sector.

Further Study Opportunities:

Graduates may progress to the final year of the BSc in Applied Archaeology.

Bachelor of Science (Hons)

Environmental Science

Course Description:

Managing the environment is critical to the future of both the planet and mankind. This course presents exciting opportunities to contribute to this important endeavour. It gives students a range of skills in a variety of analytical and laboratory-based techniques, and incorporates extensive ecological fieldwork in environmental monitoring and assessment. Course content is delivered through a combination of field trips, laboratory work, site visits, significant project work, student self-learning, presentations, lectures and work placement.

Course Structure:

First year focuses on core science subjects, including earth science, biology, chemistry, physics, IT and topical environmental issues. Second and third year mainly involve biological, microbiological, chemical, ecological and physical analyses of water, effluents, soils and air and geographical information systems. The sources, treatment and the impacts of pollutants on the environment are also studied. Modules include cell biology, earth science, environmental microbiology, environmental toxicology, climate science and meteorology, water and wastewater treatment, ecological monitoring, energy management, geographical information systems and environmental nuisance.

At the end of third year, students take up a work placement for a period of three months, either in an industrial setting or with a government or semi-state body.

Career Opportunities:

Graduates work as environmental officers in a variety of public and private sector settings.

Further Study Opportunities:

Graduates may progress to the two-year taught Masters in Environmental Health and Safety Management at IT Sligo. Alternatively, they may pursue MSc or PhD awards.

Professional Recognition:

This is an accredited course with the Chartered Institution of Water and Environmental Management (CIWEM).

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG441

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
32

POINTS:
282



Bachelor of Science

Environmental Protection

ADD-ON COURSE AVAILABLE

Course Description:

The BSc in Environmental Protection was established in 1975 and is the longest-running environmental science course in Ireland. Our students acquire skills in a variety of analytical, laboratory-based techniques and ecological fieldwork used in environmental monitoring and assessment. Course delivery involves a combination of field trips, laboratory work, site visits, project work and lectures.

Course Structure:

Modules include diversity of life, cell biology, earth science, water quality, climate science and meteorology, microbiology, aquatic ecology, environmental toxicology, water and wastewater treatment, waste management and biomolecular technologies.

YEAR ONE: Students are given a foundation in science and an introduction to the world of environmental science.

YEAR TWO: Students learn practical and analytical techniques for assessing the effects of human activity on terrestrial, aquatic and atmospheric ecosystems.

YEAR THREE: Students investigate the physical/chemical and microbiological effects of pollutants in rivers, lakes and groundwater. Students work in teams to monitor the operation of laboratory-scale water treatment plants and are trained to assess the effects of pollutants on living organisms in the module on ecotoxicology.

Career Opportunities:

Graduates work as environmental officers with local authorities, industry, environmental consultancy companies and in government bodies such as the EPA, IFI, etc.

Further Study Opportunities:

Graduates who achieve an overall average mark of 50% or above may progress to the final year of the BSc (Hons) in Environmental Science.

Professional Recognition:

This is an accredited course with the Chartered Institution of Water and Environmental Management (CIWEM).

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG432

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
32

POINTS:
269

Bachelor of Science (Hons)

Occupational Safety and Health

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG442

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
48

POINTS:
295

Course Description:

This course gives students the knowledge and skills to protect workers from injuries and fatalities, prevent illness caused by work, promote health and wellbeing, advise employers on health and safety law and work in groups to solve workplace safety issues. Students will also learn how to prepare, implement and monitor safety management systems in the workplace.

Course Structure:

YEAR ONE: Students study the biological and chemical sciences which underpin occupational safety and health and develop a range of communication and IT skills.

YEAR TWO: Students study important safety and environmental topics, including safety law, behavioural safety, construction safety, occupational toxicology, biological health hazards and environmental water quality.

YEAR THREE: Students study risk management, occupational health and hygiene, safety law and environmental topics.

YEAR FOUR: Students complete a five-month work placement in safety and health. Modules include financial and business management, health and safety promotion and training, safety and health law, ergonomics, environmental management and safety management systems.

Career Opportunities:

Graduates work as safety advisors, health and safety officers, safety training consultants, site safety officers and safety coordinators in pharmaceuticals, chemicals, electronics, the food and beverage sector, mining, commercial, wholesale, transport, retail and in the health sector. They also work in the public sector.

Further Study Opportunities:

Graduates may progress to the two-year taught Masters in Environmental Health and Safety at IT Sligo or MSc or PhD awards at IT Sligo or other higher education Institutions.

Professional Recognition:

This course is recognised by the Institution of Occupational Safety and Health (IOSH).

Bachelor of Science

Occupational Safety and Health

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG433

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
48

POINTS:
243

Course Description:

This course gives students the knowledge and skills to protect workers from injuries and fatalities, prevent illness caused by work, promote health and wellbeing and advise employers on health and safety law. With an emphasis on teamwork, students work together to solve workplace safety issues. Lectures are delivered using innovative teaching methods, including group work, problem solving, simulated scenarios, state-of-the-art technology and visits to workplaces.

Course Structure:

YEAR ONE: Students study the biological and chemical sciences which underpin occupational safety and health and develop a range of communication and IT skills. Teaching methods vary between group learning scenarios, practical work and traditional lectures.

YEAR TWO: In second year, students cover important safety and environmental topics, including safety law, behavioural safety, construction safety, occupational toxicology, biological health hazards and environmental water quality.

YEAR THREE: In third year, there is a focus on applying the knowledge and skills students have developed on the programme. Modules cover risk management, occupational health and hygiene, safety law and environmental topics.

Career Opportunities:

Graduates work as safety advisors, health and safety officers, safety training consultants, site safety officers and safety coordinators in pharmaceuticals, chemicals, electronics, the food and beverage sector, mining, commercial, wholesale, transport, retail and in the health sector. They also work in the public sector.

Further Study Opportunities:

Graduates may progress to the one-year add-on BSc (Hons) in Occupational Safety and Health at IT Sligo.

Professional Recognition:

This course has international recognition from the Institution of Occupational Safety and Health (IOSH).

Bachelor of Science (Hons)

Science

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG444

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
20

POINTS:
290

Course Description:

This is an undenominated science degree which gives students an exceptional level of flexibility. The programme builds a core foundation in key science disciplines in the first two years of study. It also allows students to choose elective science subjects in years one and two before selecting a specialised honours degree at the end of year two. Students follow one of four designated honours degree pathways in years three and four.

Course Structure:

YEAR ONE: Subjects studied in year one include core science modules in biology, chemistry, physics, mathematics, IT and learning to learn. Students also select from a small range of elective modules.

YEAR TWO: In year two, students choose between a range of elective modules including microbiology, biochemistry, analytical science, mathematics and science communications, which introduces them to the four honours degree paths, one of which is selected at the end of the year. These are: BSc (Hons) Medical Biotechnology, BSc (Hons) Environmental Science, and BSc (Hons) Pharmaceutical Science with Drug Development, BSc (Hons) Occupational Safety and Health.

Career Opportunities:

Graduates work as scientists in pharmaceuticals, biopharmaceuticals, medical devices, medical diagnostics, the food and beverage sector, environmental sciences, biotechnology and occupational health and safety.

Further Study Opportunities:

Graduates may apply for postgraduate study in taught Masters programmes as well as Doctoral research programmes.

Professional Recognition:

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

Higher Certificate in Science

Science

ADD-ON COURSE AVAILABLE

Course Description:

The course is focused on developing students' knowledge, skills and competence in core areas of analytical science, biochemistry and microbiology, while providing the flexibility to specialise in areas of elective choice. These choices include medical biotechnology, pharmaceutical science, environmental science and occupational safety and health. The programme emphasises hands-on, practical laboratory science and is designed as a foundation course, delivering the key analytical science skill sets demanded by employers.

Course Structure:

YEAR ONE: First year provides students with a core foundation in applied science, with an emphasis on practical laboratory work. Elective modules chosen during year one are covered in greater depth in the second year of the course.

YEAR TWO: Students study core modules in analytical science, biochemistry, microbiology, mathematics and scientific communications. Students may select from a number of electives, including the human body and toxicology, environmental health and safety, physical and organic chemistry, molecular biology, applied pharmaceutical science and medical immunology, among others.

Career Opportunities:

Graduates work as technical scientists in the pharmaceutical, biopharmaceutical, medical device, medical diagnostic, food and beverage and biotechnology sectors. Graduates also work with public agencies as analysts in a broad range of roles.

Further Study Opportunities:

Graduates may progress to Year 3 of an Ordinary Degree (Level 7) and subsequently onto Honours Degree (Level 8) courses in Environmental Science, Pharmaceutical Science, Medical Biotechnology or Occupational Safety and Health at IT Sligo.

AWARD / LEVEL:
Higher Certificate (Level 6)

CAO CODE:
SG401

DURATION:
2 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
n/a

POINTS:
120

Department of Environmental Science Add-On Courses

BSc (Hons) in Applied Archaeology

Eligible students can progress to the add-on Honours Degree course in Applied Archaeology.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Candidates with a relevant Level 7 Degree, such as the Bachelor of Science in Applied Archaeology from IT Sligo, or similar, are eligible to apply.

NUMBER OF COURSE PLACES: 24

BSc in Applied Archaeology

Eligible students can progress to the add-on Ordinary Degree course in Applied Archaeology.

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Candidates with a relevant Level 6 Higher Certificate, are eligible to apply.

NUMBER OF COURSE PLACES: 24

BSc (Hons) in Environmental Science

Eligible students can progress to the add-on Honours Degree course in Environmental Science.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on),
2 years via online delivery.

MINIMUM ENTRY REQUIREMENTS:

Candidates with a cognate ordinary Level 7 Degree, such as the Bachelor of Science in Environmental Protection, are eligible to apply. At the end of the fourth year, students undergo a period of work placement for three months in the environmental sections of industry, local authorities and other private and state bodies such as the EPA, the Fisheries Boards and the Radiological Protection Institute of Ireland.

NUMBER OF COURSE PLACES: 32

Department of Environmental Science Add-On Courses

BSc in Environmental Protection

Eligible students can progress to the add-on Ordinary Degree course in Environmental Protection.

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Higher Certificate in Science (biology, chemistry or other discipline) or an academic qualification (Level 7 or 8) in an appropriate area of biological / chemical science or engineering obtained at a recognised university or other Institution of higher education.

NUMBER OF COURSE PLACES: 32

BSc (Hons) in Occupational Safety and Health

Eligible students can progress to the add-on Honours Degree course in Occupational Safety and Health.

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Candidates with a relevant Level 7 Degree, such as a Bachelor of Science in Occupational Safety and Health from IT Sligo, or similar, are eligible to apply.

NUMBER OF COURSE PLACES: 48

BSc in Occupational Safety and Health

Eligible students can progress to the add-on Ordinary Degree course in Occupational Safety and Health.

AWARD / LEVEL: Ordinary Degree (Level 7)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

The entry requirement for this course is a Higher Certificate in Science, Engineering or other discipline, or an academic qualification (Level 7 or 8) in an appropriate area (including nursing) obtained in a recognised university or other Institution of higher education.

NUMBER OF COURSE PLACES: 48

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

Bachelor of Science (Hons)

Health Science and Physical Activity

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG447

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

Successful applicants for this course will be required to undergo Garda vetting and a medical evaluation.

NUMBER OF PLACES:
16

POINTS:
321

Course Description:

The course aims to produce graduates with a strong academic base in health science disciplines related to physical activity and exercise. Students will have the capacity to apply knowledge and skills to direct and support the general population, distinct population groups and those managing chronic conditions, through physical activity and structured exercise programmes. REPS Ireland recognised 'Fitness Instruction Award' is built into the programme, thus graduates are eligible to register with Ireland's professional body representing exercise professionals.

Course Structure:

YEAR ONE: Students acquire practical skills in core subjects, including biology, chemistry, human anatomy and physiology, mathematics, health and fitness, communications, health promotion, computing, kinesiology, exercise instruction, psychology and sociology.

YEAR TWO: Core subjects in year one are further developed with more emphasis on laboratory and practical elements related to physical activity and exercise. Key modules include exercise physiology, health psychology, health biochemistry and health microbiology.

YEAR THREE: Students study specialist streams in more depth. These include fitness programme design, nutrition, health promotion and a module covering enterprise and business topics relevant to the leisure and fitness industry. A thesis is completed in the second semester.

YEAR FOUR: Students will further specialise in clinical exercise and physical activity practice, qualitative methods in health research, physical activity promotion and advanced facilitation and group work skills. A 12-week work placement is completed in the second semester.

Career Opportunities:

Graduates may work in a wide range of areas related to health and physical activity, including sports development, sports science, physical activity promotion, health promotion and physical activity.

Further Study Opportunities:

Students may pursue Masters or PhD research in a variety of disciplines.



ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG435

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:

Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

Successful applicants for this course will be required to undergo Garda vetting and a medical evaluation.

NUMBER OF PLACES:
64

POINTS:
321

Bachelor of Science

Health Science and Physiology

Course Description:

The emphasis of this course is on understanding, promoting and maintaining health and wellbeing through health behaviours including diet and physical activity. It is the perfect choice for students who have a strong interest in health but may be unsure of what aspect they wish to focus on. Modules are aligned to three main study strands: health promotion, exercise and nutritional science, and research methods for health. REPS Ireland recognised 'Fitness Instruction Award'.

Course Structure:

YEAR ONE: Students acquire practical skills in core subjects, including biology, human anatomy and physiology, health and fitness, communications, health promotion, exercise instruction, psychology and sociology.

YEAR TWO: Core subjects in year one are further advanced placing more emphasis on laboratory and practical elements related to health and physical activity. Key modules include exercise physiology, health psychology, health biochemistry, research methods, determinants of health, human testing and evaluation and facilitation skills.

YEAR THREE: Students study specialist streams in more depth. These include physical activity/exercise physiology, human nutrition, research methods and health promotion/public health. A thesis is completed in the second semester under the guidance of their supervisor.

Career Opportunities:

Graduates work in the voluntary and state sectors in areas which include youth work, sports development, physical activity, health promotion and health research. Private sector opportunities also exist in a wide variety of areas.

Further Study Opportunities:

Graduates may progress to the one-year add-on BSc (Hons) in Public Health and Health Promotion subject to meeting the eligibility criteria. Graduates from the BSc. Health Science Physiology are automatically eligible to apply to become an International Union for Health Promotion and Education (IUHPE) Registered Health Promotion Practitioner. This means that graduates of the combined programmes have qualifications that are recognised worldwide.

WHAT GRADUATES SAY:



"What appealed to me most was the smaller class sizes, which allowed for greater discussion with class members and my lecturers on certain topics studied, who all knew me by name. This would not be possible in a larger college or university."

Sarah McGuire

Rehabilitation Assistant,
Acquired Brain Injury, Ireland

BSC IN HEALTH SCIENCE AND PHYSIOLOGY 2015

BSC (HONS) IN PUBLIC HEALTH AND HEALTH PROMOTION 2016

Bachelor of Science (Hons)

Human Nutrition

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG443

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
32

POINTS:
388

Course Description:

This is a practical-based course that explores the relationship between nutrition and health. Clinical studies on a wide variety of diseases and conditions are used to highlight contemporary issues in human health, while a work placement will allow students to specialise according to their interests.

Course Structure:

YEAR ONE: The first year focuses on human biology and chemistry, along with modules on mathematics and information technology. Study of nutrition and the foundations of health promotion introduce students to the course's core subject matter.

YEAR TWO: Core modules include nutritional biochemistry, health psychology and nutrition through the life stages. Students also study various modules related to the science of food.

YEAR THREE: The emphasis is on a range of specialised nutrition subjects, including advanced nutrition, public health nutrition, sports and exercise nutrition and clinical nutrition.

YEAR FOUR: Students continue their studies in areas of clinical nutrition, global nutrition as well as molecular nutrition and current issues in food and nutrition. They also complete a research project and a four-month placement in the last semester to continue their development in an area related to food and nutrition.

Career Opportunities:

Graduates are qualified for a variety of roles in health promotion/ public health nutrition, food industry, research, product development, food safety, regulation, consumer information and marketing.

Further Study Opportunities:

Graduates may progress to postgraduate research in human nutrition, dietetics and related disciplines.

Human Nutrition

ADD-ON COURSE AVAILABLE

Course Description:

This is a practical-based course that explores the relationship between nutrition and health. Clinical studies on a wide variety of diseases and conditions are used to highlight contemporary issues in human health.

Course Structure:

YEAR ONE: The first year focuses on human biology and chemistry, along with modules on mathematics and information technology. Study of nutrition and the foundations of health promotion introduce students to the course's core subject matter.

YEAR TWO: Core modules include nutritional biochemistry, health psychology and nutrition through the life stages. Students also study various modules related to the science of food.

YEAR THREE: The emphasis is on a range of specialised nutrition subjects, including advanced nutrition, public health nutrition, sports and exercise nutrition and clinical nutrition. There are also modules in marketing and consumer buyer behaviour, food legislation and food product development.

Career Opportunities:

Graduates are qualified for a variety of roles in health promotion/ public health nutrition, food industry, research, product development, food safety, regulation, consumer information and marketing.

Further Study Opportunities:

Graduates may progress to the one-year add-on BSc (Hons) in Human Nutrition at IT Sligo or pursue further study in health promotion, sports and exercise, nutrition and public health at IT Sligo or other higher education Institutions.

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG434

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
32

POINTS:
346



Department of Health and Nutritional Sciences Add-On Courses

Public Health & Health Promotion

COURSE STRUCTURE: Students study a wide variety of core competencies necessary for working in health-related positions, including skills to facilitate groups appropriately and effectively; plan, implement and evaluate health campaigns and health promotion programmes; communicate clear health messages to a variety of audiences and engage in innovative practical projects within the community.

Students will critically appraise literature and research, develop health resources for various target populations, appraise public policy and develop policies to promote population health. A 12-week work placement is completed following the second semester.

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

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

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year

MINIMUM ENTRY REQUIREMENTS:

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

NUMBER OF COURSE PLACES: 32

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses



Bachelor of Science (Hons)

Medical Biotechnology

Course Description:

This course gives graduates contemporary skills in biomedical science, making them highly employable in the biotechnology, biopharmaceutical and medical device industries in Ireland and abroad. It also delivers an in-depth knowledge of industrial design and processes. Innovative teaching methods are used on the programme, including the use of social networking, game-based learning, industrial workshops and visits to target industries and employers. We also recognise the importance of transferrable skills such as data presentation, information sourcing and scientific technical writing.

Course Structure:

YEAR ONE: The first year focuses on developing students' core scientific skills and building a foundation of knowledge in the disciplines of biology, chemistry, physics and maths.

YEAR TWO: Students' knowledge and technical skills in the biological field are developed and they are introduced to medical devices. Subjects studied include microbiology, biochemistry, molecular biology, medical immunology and biomaterials.

YEAR THREE: Students study cell culture applications and the medical device industry. There is also a work placement in either an industrial or a research setting. Subjects studied include animal cell culture, tissue engineering, medical device manufacturing, immunodiagnostics and implant biocompatibility.

YEAR FOUR: The focus moves to the biopharmaceutical industry and students complete a research project. Core modules include cell culture processing, recombinant drug engineering, medical diagnostics and analysis of biopharmaceuticals.

Career Opportunities:

Graduates work both in industry and in life sciences research, as instrumentation scientists, process technicians, research and design scientists, cell culture scientists and protein and drug analysts.

Further Study Opportunities:

Graduates may pursue doctoral research in IT Sligo or in other higher education Institutions.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG449

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
24

POINTS:
336

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG436

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not a requirement.

NUMBER OF PLACES:
24

POINTS:
265

Bachelor of Science

Biomedical Science

Course Description:

This course gives graduates contemporary skills in biomedical science, making them highly employable in the biotechnology, biopharmaceutical and medical device industries in Ireland and abroad. It also delivers an in-depth knowledge of industrial design and processes. Innovative teaching methods are used on the programme, including the use of social networking, game based learning, industrial workshops and visits to target industries and employers. We also recognise the importance of transferrable skills such as data presentation, information sourcing and scientific technical writing.

Course Structure:

YEAR ONE: The first year focuses on developing students' core scientific skills and building a foundation of knowledge in the scientific disciplines of biology, chemistry, physics and mathematics.

YEAR TWO: Students knowledge and technical skills in the biological field are developed and they are introduced to medical devices. Subjects studied include microbiology, biochemistry, molecular biology, medical immunology and biomaterials.

YEAR THREE: Students study cell culture applications and the medical device industry. There is also a work placement in either an industrial or a research setting. Subjects studied include animal cell culture, tissue engineering, medical device manufacturing, immunodiagnostics and implant biocompatibility.

Career Opportunities:

Graduates take up a variety of roles in industry and in life sciences research, including instrumentation scientists and process technicians in sectors which are predicted to undergo rapid expansion over the coming years.

Further Study Opportunities:

Graduates may progress to the final year of the BSc (Hons) in Medical Biotechnology. Opportunities also exist for doctoral study.

WHAT GRADUATES SAY:



"My course consisted of a three-month work placement with Abbott, Sligo. As a result of this placement, I was offered a full time role. I have worked in four Abbott sites and in three different departments, within two years. I believe this success is due to the hands-on experience and opportunities that IT Sligo provides you with."

Jennifer Foy

Environmental Health & Safety Specialist, Abbott Nutrition, Sligo

BA(ORD) BIOMEDICAL SCIENCE, BA(HONS) MEDICAL BIOTECHNOLOGY

WHAT GRADUATES SAY:



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

Catriona Reilly

Chromatography Engineer, Monaghan Mushrooms

BSC (HONS) IN FORENSIC INVESTIGATION & ANALYSIS 2016

Bachelor of Science (Hons)

Forensic Investigation and Analysis

Course Description:

This programme emphasises practical skills; more than 50% of course time is spent in the laboratory. The course has a number of unique features, including the week-long crime scene investigation module, which is taught by practicing forensic scientists and experienced crime scene investigators. In addition, problem-based learning modules encourage students to experiment with a range of laboratory techniques in order to solve problems.

Course Structure:

YEAR ONE: Modules include biology, chemistry, physics, mathematics and information technology. There are also introductory modules in forensic science and criminal justice.

YEAR TWO: Students expand their knowledge and laboratory skills in core chemistry and biological modules, and in analytical science. Additional modules include crime scene investigation and management, forensic science and information technology for instrumentation.

YEAR THREE: The emphasis moves to analytical science and communication. Students take modules in advanced analysis and forensic science, crime scene to court, information technology for forensics and communication.

YEAR FOUR: Students complete a thesis on a forensic topic and take an advanced crime scene module. There are also modules in forensic toxicology, environmental forensics, forensic analysis and advanced chemistry.

Career Opportunities:

Graduates work in a wide range of industries where analytical science is required, and initially take up roles as analysts, scientists and technical officers.

Further Study Opportunities:

Graduates may advance to pursue Masters or PhDs in IT Sligo or in other higher education Institutions, or complete a number of taught Masters programmes. Professional Recognition: This is the only course on the island of Ireland to be accredited by the Forensic Science Society, UK.

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG448

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
25

POINTS:
341

ADD-ON COURSE AVAILABLE

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG437

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
25

POINTS:
248

Bachelor of Science

Forensic Investigation and Analysis

Course Description:

This programme emphasises practical skills; more than 50% of course time is spent in the laboratory. This gives students the opportunity to work in teams and use state-of-the-art equipment in the area of analytical science. The programme has a number of key modules, including problem-based learning, where students experiment with a range of laboratory techniques to solve problems. Learning methods such as these ensure that our graduates are sought after by a wide variety of employers.

Course Structure:

YEAR ONE: In first year, the focus is on foundation science. Modules include biology, chemistry, physics, mathematics and information technology. There are also introductory modules in forensic science and criminal justice.

YEAR TWO: Students expand their knowledge and laboratory skills in core chemistry and biological modules, and in analytical science. Additional modules include crime scene investigation and management, forensic science and information technology for instrumentation.

YEAR THREE: The emphasis moves to analytical science and communication. Students take modules in advanced analysis and forensic science, crime scene to court, information technology for forensics and communication.

Career Opportunities:

Graduates work in a wide range of industries where analytical science is required. They may be initially employed as analysts, scientists or technical officers, while many progress to supervision/management roles within 5 years.

Further Study Opportunities:

Graduates may progress to the BSc (Hons) in Forensic Investigation and Analysis. Graduates have also entered An Garda Síochána and taken up other Honours Degree courses at other higher education Institutions.

Bachelor of Science (Hons)

Pharmaceutical Science with Drug Development

Course Description:

The overall philosophy of the programme is to produce science graduates who can assume positions of responsibility in the area of pharmaceutical science. It is a multidisciplinary programme, allowing students to develop a range of skills, covering scientific, engineering, regulatory and quality issues, as well as delivering excellent communication skills. Modules are based around the core pharmaceutical sciences, but with emphasis also placed on modern technology and advances within the sector.

Course Structure:

YEAR ONE: First year focuses on building a foundation in the core science subjects, as many students have not studied Chemistry, Physics or Biology at Leaving Certificate level.

YEAR TWO: In second year, the core sciences are developed, building on the foundation laid down in first year.

YEAR THREE: The emphasis is on applying the knowledge gained in the first two years to the needs of the pharmaceutical sector. Students complete a work placement in Ireland or abroad. This can last for four months or for a full year.

YEAR FOUR: Students study modules at an advanced level. A final year project allows them to make use of the knowledge and skills they have gained throughout the programme.

Career Opportunities:

Graduates work in the pharmaceutical, biopharmaceutical, biomedical and medical device sectors in the areas of legislation/ regulatory affairs, formulation, analysis, validation, production and quality systems.

Further Study Opportunities:

Graduates may progress to Masters Degree or PhD programmes across a range of disciplines. They can also progress to the pharmacy degree programme in the Royal College of Surgeons in Ireland (RCSI).

AWARD / LEVEL:
Honours Degree (Level 8)

CAO CODE:
SG445

DURATION:
4 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
32

POINTS:
318

Bachelor of Science:

Pharmaceutical Science with Drug Development

AWARD / LEVEL:
Ordinary Degree (Level 7)

CAO CODE:
SG431

DURATION:
3 Years

OTHER IMPORTANT INFORMATION:
Normal minimum entry requirements apply, see page 148.

A science subject at Leaving Certificate is not required for this course.

NUMBER OF PLACES:
32

POINTS:
251

Course Description:

The programme consists of a unique mix of science disciplines based on pharmaceutical, biopharmaceutical and medical device industry requirements. The overall philosophy of the programme is to produce science graduates who can assume positions of responsibility in the area of pharmaceutical science, both in Ireland and abroad. It is a multidisciplinary programme, allowing students to develop a range of skills, covering scientific, engineering, regulatory and quality issues. Modules are based around the core pharmaceutical sciences, but with emphasis also placed on modern technology and advances within the sector.

Course Structure:

YEAR ONE: First year focuses on building a foundation in the core science subjects, as many students have not studied Chemistry, Physics or Biology at Leaving Certificate level.

YEAR TWO: In second year, the core sciences are developed, building on the foundation laid down in first year.

YEAR THREE: In third year, the emphasis is on applying the knowledge gained in the first two years to the needs of the pharmaceutical sector.

Career Opportunities:

Graduates work in the pharmaceutical, biopharmaceutical, biomedical and medical device sectors, in the areas of legislation/ regulatory affairs, formulation, analysis, validation, production and quality systems.

Further Study Opportunities:

Graduates may progress on to the fourth year of the BSc (Hons) in Pharmaceutical Science with Drug Development at IT Sligo.





Department of Life Sciences Add-On Courses

BSc (Hons) in Public Health and Health Promotion

Eligible students can progress to the add-on Honours Degree courses in Public Health and Health Promotion (limited places available).

AWARD / LEVEL: Honours Degree (Level 8)

DURATION: 1 year (add-on)

MINIMUM ENTRY REQUIREMENTS:

Applicants with a Level 7 qualification in a cognate area are eligible. Note that all entrants to this course will require a medical evaluation and will undergo vetting by An Garda Síochána. If you have a criminal conviction in Ireland or elsewhere, this may adversely impact on your ability to undertake a professional placement or to secure employment working with vulnerable groups.

NUMBER OF COURSE PLACES: 40

For Further Information:

ADMISSIONS OFFICE

T: +353 (0)71 93 18510
E: admissions@itsligo.ie
W: itsligo.ie/courses

BEGIN HERE





How to Apply

All applications for entry to the first year of IT Sligo's full-time undergraduate courses are made through the Central Applications Office (CAO). Applications open during November for courses starting in September of the following year. Detailed information on how to apply is available at CAO.ie

THE NEXT STEP IS YOURS, TAKE A LOOK AT IT SLIGO!

About the CAO System

The CAO application system works as follows:

Using a single application, you may choose up to twenty courses – ten at Level 8 and ten at Level 7 and 6. Your choices on one list do not affect your choices on the other; you may receive two independent course offers, one from each list. It is extremely important to list your choices in order of genuine preference in each category. For more information see **CAO.IE**

Key CAO Dates:

5th November at 12:00 pm
CAO Application Season Opens

20th January at 5:15 pm
Online Discounted Application Fee (€25)

1st February at 5:15 pm
Application Deadline Paper or Online (€40)

1st May at 5:15 pm
Late Online Application (€50) or Paper (€80)

5th May to 1st July at 5:15 pm
Change of Mind Date

Late August
Available Places / Clearing





How Do I Apply?

Main Application Types:

Leaving Certificate or FETAC and QQI applicants

Mature applicants

GCE and GCSE or School leavers from other EU countries

Holders of Higher or Further Education Qualifications

International Applicants

Irish Leaving Certificate Requirements and Points

HIGHER CERTIFICATE (LEVEL 6) AND ORDINARY DEGREE (LEVEL 7)

- Five grade O6/H7. Leaving Certificate subjects must include Mathematics* and English or Irish.

HONOURS DEGREE (LEVEL 8)

- Four grade O6/H7 and two grade H5. Leaving Certificate subjects must include Mathematics* and English or Irish. We require a minimum of 160 points for all Level 8 courses.

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

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

HIGHER LEVEL	% MARKS	CAO POINTS
H1	90 - 100	100
H2	80 < 90	88
H3	70 < 80	77
H4	60 < 70	66
H5	50 < 60	56
H6	40 < 50	46
H7	30 < 40	37
H8	0 < 30	0

ORDINARY LEVEL	% MARKS	CAO POINTS
O1	90 - 100	56
O2	80 < 90	46
O3	70 < 80	37
O4	60 < 70	28
O5	50 < 60	20
O6	40 < 50	12
O7	30 < 40	0
O8	0 < 30	0

Bonus points for Mathematics

25 additional points will be awarded for higher level Mathematics at grades H6 and above.

LCVP

LCVP modules can be counted as one of the passes required when considering LCE entry requirements for IT Sligo courses. CAO points are awarded as follows:

LEVEL	POINTS
Distinction	66
Merit	46
Pass	28

FETAC and QQI Applicants Requirements and Points

The minimum entry requirements for graduates of QQI FET/FETAC (Level 5 or 6) awards are:

- Higher Certificate Course (NFQ Level 6) and Ordinary Degree Course (NFQ Level 7) is a full QQI FET/FETAC (Level 5 or 6) award.
- Honours Degree Course (NFQ Level 8) is a full QQI FET/FETAC (Level 5 or 6) award to include Distinction grades in at least three components.

For entry to the majority of courses, a full award may be accumulated over more than one academic year. In such cases, it is the responsibility of the applicant to apply to QQI for a full award.

Also, for many courses at IT Sligo, specific component awards in Mathematics must be included in the QQI FET/FETAC award presented for entry.

Applicants who hold a full level 6 award may be eligible to apply for entry to year 2 of a cognate programme.

SCORING SYSTEM FOR ELIGIBLE APPLICANTS WHO HOLD QQI FET/FETAC AWARDS

A full QQI FET/FETAC Level 5 or 6 major award will have a minimum credit value of 120. Component awards, or achievement of less than 120 credits, do not constitute a full award.

All QQI FET/FETAC Level 5 and Level 6 awards will be scored using the best 120 credits to deliver a maximum of 390 points regardless of whether they were achieved before or after the introduction of CAS. The scoring process is outlined on the CAO website at **CAO.IE**

Northern Ireland Applicants Requirements and Points

THE MINIMUM ENTRY REQUIREMENTS FOR APPLICANTS FROM NORTHERN IRELAND (GCE AS, A2, AVCE, DOUBLE AWARD, BTEC) ARE:

Applicants must have a recognised award at Level 3 on the UK framework of qualifications. GCE AS and A Level, NVQ Level 3, Advanced Diplomas and Vocational Qualifications Level 3 are recognised qualifications for entry to year 1 at IT Sligo. Applied A Levels (AVCE) are treated in the same way as A Levels. Please provide full details of GCE A2 and AS, AVCE, Double Award, BTEC, etc in the Part B 'Special Categories' section of the application. The CAO will issue offers to applicants who have achieved sufficient points for their chosen courses towards the end of August.

APPLICANTS ARE EXPECTED TO HAVE AT LEAST:

- GCSE grade C in English language, and GCSE grade C in Mathematics.

FOR HIGHER CERTIFICATE COURSES (LEVEL 6) AND BACHELOR DEGREE COURSES (LEVEL 7)

- As a guide, two A2 at grade C are required for entry to Level 7 or equivalent grades at BTEC National Diploma Level 3.

How Do I Apply?

FOR HONOURS BACHELOR DEGREE (LEVEL 8)

- As a guide, three A2 at grade C or equivalent grades at BTEC National Diploma Level 3 or OCR National Level 3.

Calculation of CAO points for GCE examinations CAO points (similar to UCAS Tariff points) are assigned to the exam grades presented by candidates who meet the minimum entry requirements. Points are used to rank applicants. The points required for entry to a particular course are determined by the level of demand on course places. A combination of A2 and AS Level grades from different subjects can be used for point scoring purposes.

Applied A Levels (AVCE) are treated in the same way as A2 Level for entry to IT Sligo.

GRADE	A-LEVEL	ALL AS LEVELS*
A**	180	** 60
A	150	60
B	130	55
C	100	40
D	65	25
E	45	20

* and 4th A-Level where presented
** Applies to A-Level only

Mature Applicants

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

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

You might now be at a stage when you have a clearer idea of what you want to do than when you first left school. Whatever your current situation and future aims, it's never too late to benefit from a third level education. The sole criterion for qualification as a mature applicant is age. You are required to be over 23 on 1st January of the calendar year of application.

Applications should be made through the CAO in the usual way. An information evening for interested applicants is held in January each year and a mature student orientation day, which is held just before first year classes begin, is offered to incoming students who have been away from education for some time.

Applicants with Disabilities and Specific Learning Difficulties

Many students with disabilities access third level education through the standard route.

IT Sligo is part of the Disability Access Route to Education (DARE). This is a third level admissions scheme which offers places on reduced points to applicants with disabilities. In order to be considered for a place, you must apply to the CAO by 1st February. By 1st March, you must indicate your wish to be considered for DARE by ticking 'Yes' to Question 1. You must also complete Section A (Questions 1-5) of the Supplementary Information Form. You must return the fully completed, signed and stamped Evidence of Disability (Section C) to the CAO by 1st April.

All applicants must achieve at least the minimum entry requirements for any course.

Go to **ACCESSCOLLEGE.IE/DARE**

Hear Programme

IT Sligo is part of the Higher Education Access Route (HEAR). This is a college scheme which offers places on reduced points and with extra college support to school leavers from socio-economically disadvantaged backgrounds who are resident in the Republic of Ireland. For more information please go to **ACCESSCOLLEGE.IE/HEAR**

The HEAR programme offers a variety of academic, personal and social supports, including:

- An orientation programme to introduce you to college
- Workshops to help with essay-writing, study skills, time management and money management
- A dedicated support officer to help facilitate the transition to college life
- Possible financial assistance when available
- A peer-mentoring programme
- Information and referrals to other student support services in the college.

English Proficiency

All lectures, tutorials and practical work are delivered through English. It is vitally important that students who are not native English speakers have the required standard on entry to ensure they gain maximum value from their time at IT Sligo. If an applicant does not have a Level 5 qualification in English, the required minimum proficiency score in English for entry to IT Sligo is:

ENGLISH	UNDER GRADUATE	POST GRADUATE
IELTS	5.5	6.0
TOEFL Paper	513	550
TOEFL IBT	65	80
TOEFL CBT	183	210
TOEIC	605	780
Cambridge Exam	FCE	FCE
ETAPP	B+	C1

The Pearson Test of English Academic (PTE Academic) is an English test used by universities, colleges and governments around the world. For university entry, the PTE Academic recommend a minimum score of 51 or more for undergraduate entry and a minimum of 57 or above for postgraduate.

For Further Information from our Access Office:

LINDA MCGLOIN
Acting Access Officer
T: +353 (0)71 91 37355
E: mcgloin.linda@itsligo.ie

MAUREEN HARAN
Assistant Access Officer
T: +353 (0)71 93 05381
E: haran.maureen@itsligo.ie

Mathematics Entry Requirements

Mathematics Requirements

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

Exceptions to the Mathematics Requirements

The courses listed below do not require Mathematics, regardless of what type of applicant you are or what qualification you hold. For Leaving Certificate Applicants; this subject can be replaced with another Leaving Certificate subject for points calculation.

COURSE	LEVEL	CODE
Business Administration and Office Administration	L7 L6	SG535 SG105
Creative Design	L8 L7	SG245 SG232
Early Childhood Care and Education	L8	SG242
English and Psychology	L8	SG247
Fine Art	L8 L7	SG244 SG231
Performing Arts	L8	SG241
Performing Arts (Acting)	L7	SG236
Performing Arts (Theatre Design)	L7	SG235
Social Care Practice	L8	SG243
Sociology and Politics	L8	SG248
Writing and Literature	L8	SG249

Other exceptions to the Mathematics Requirements

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

COURSE	LEVEL	CODE
Advanced Wood and Sustainable Building Technology	L7	SG332
Computing	L8	SG246
Computing: App Design and User Experience (UX)	L8	SG250
Computing: Computer Networks and Cloud Infrastructure	L8 L7	SG253 SG137
Computing: Games Development	L7	SG131
Computing: Smart Technologies	L8	SG251
Computing: Software Development	L8 L7	SG252 SG136
Interior Architecture and Design	L7	SG331

MATHEMATICS REQUIREMENTS FOR CIVIL ENGINEERING L8 HONOURS DEGREE (SG342)

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

COURSE	LEVEL	CODE
BEng (Hons) in Civil Engineering	L8	SG342

For students who do not have a H5 grade in Higher Level Mathematics, IT Sligo has a special Mathematics Examination, which is equivalent to Higher Level Mathematics. For further information please visit **ITSLIGO.IE**





About Student Fees and Grants

Fees and Grants

A Student Contribution (registration) fee of €3,000 (2019/20) is payable by all students who do not qualify for a grant or scholarship. SUSI (Student Universal Support Ireland) provides financial support to eligible students. There are two elements to the student grant – a maintenance grant and a fee grant. A maintenance grant is a contribution towards living costs.

A FEE GRANT CAN COVER:

- All or part of tuition fees
- All or part of the Student Contribution fee
- Costs of essential field trips.

Students who qualify for a maintenance grant will usually qualify for a fee grant. If you don't qualify for a maintenance grant, you may qualify for a partial fee grant if your family's reckonable income is below certain limits. This grant exempts you from 50% of the Student Contribution, or from 50% of any tuition fees and all of the Student Contribution.

Fees and Grants for Students from Northern Ireland or Great Britain

Students from Northern Ireland or Great Britain do not have to pay tuition fees to study in the Republic of Ireland (because they are paid by the Irish government). However, they do have to pay the Student Contribution fee of €3,000 (2019/20). A Student Contribution Loan can be secured to cover this upfront cost. Student loans and grants in the United Kingdom are primarily provided by the government through the Student Loans Company.

Student loans are low-interest and partly means tested. Unlike a grant however, the money must be paid back eventually. The Student Loans Company decides if you are eligible for a loan and if so, how much you can get. Applicants should contact their Local Education and Library Board or visit these websites for more information: **SLC.CO.UK OR STUDENTFINANCENI.CO.UK**

Information on grants is available at the following sites:

CITIZENSINFORMATION.IE/FEES.HTML

NCA.IE/NCA/GOING-TO-COLLEGE

SPUNOUT.IE/LIFE/ARTICLE/STUDENT-GRANTS

STUDENTFINANCE.IE

SUSI.IE

Criminal Convictions and Student Vetting Policy

Criminal Convictions

IT Sligo is committed to promoting equality of opportunity and is keen to encourage a diverse student population with a wide range of talents, backgrounds and experiences. We will consider applications for admission on the basis of the qualifications, skills, abilities and personal qualities of the applicant. We acknowledge the critical role of education in the rehabilitative process, and having a criminal record will not necessarily debar an applicant unless the nature and seriousness of the offence in question makes it inappropriate for them to be admitted.

Applicants with a criminal record should send notification under separate cover marked 'Confidential' to the Student Affairs Manager, IT Sligo, Ash Lane, Sligo, outlining the details of their conviction and the courses in which they are interested in attending. Applications will be processed in accordance with the IT Sligo Criminal Convictions Policy available on **ITSLIGO.IE**

The on-going participation of any student who acquires a conviction while undergoing any course at the Institute will be subject to review in accordance with this policy.

Garda Vetting

A number of courses at IT Sligo require students to undertake work placements that will bring them into contact with children and/or vulnerable adults and in which they will assume positions of trust. We are committed to protecting the safety of those children and vulnerable adults. IT Sligo will use the National Vetting Bureau as part of the assessment process for entry to the relevant programmes in accordance with the IT Sligo Student Vetting Policy.

COURSE	CODE
Applied Sport with Business	SG134
Early Childhood Care and Education	SG242
Health Science and Physical Activity	SG447
Health Science and Physiology	SG435
Performing Arts (Acting)	SG236
Performing Arts (Theatre Design)	SG235
Performing Arts	SG241
Public Health & Health Promotion	Add-On
Social Care Practice	SG243
Sport with Business	SG147
Tourism with Event Management	SG135
Tourism with Event Management	SG148

This list is subject to review as necessary. In addition, IT Sligo may require any student of the Institute to undergo Garda vetting.

Vaccination Requirement

Hepatitis B vaccination will be required for work placement on certain courses.

Physical Testing

Physical Health Screening Policy. Some courses offered by IT Sligo include practical modules that consist of physical exercise. Our policy is to ensure that you participate in physical exercise at a level which suits you best.

At Induction, students for these programmes fill out a simple self-assessment questionnaire. The information provided will be treated as confidential and will be reviewed by our health services staff. You may be invited for a follow-up medical assessment before participating in the physical exercise elements of your course. The purpose of this assessment is to identify the level of physical exercise best suited to your abilities.

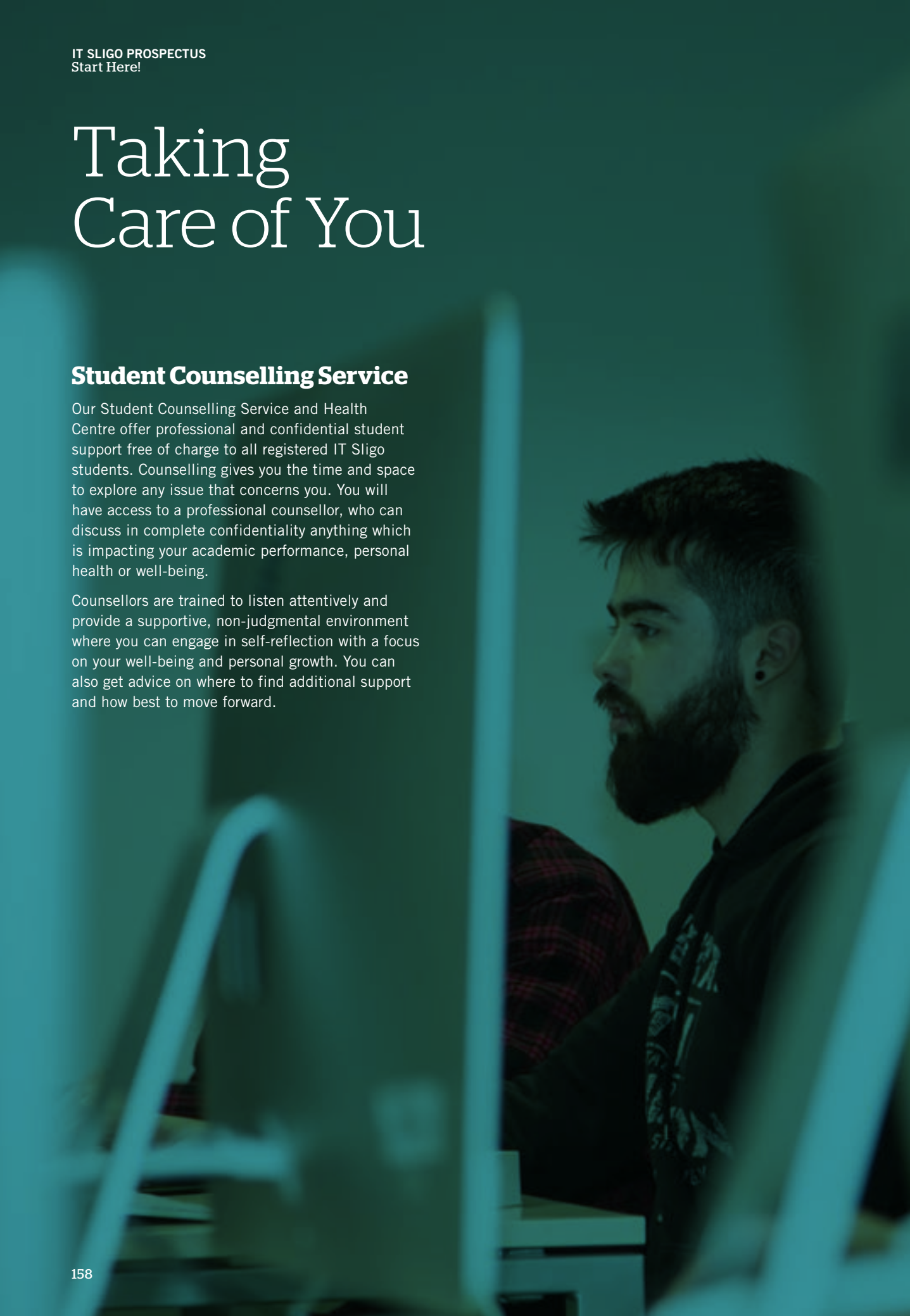


Taking Care of You

Student Counselling Service

Our Student Counselling Service and Health Centre offer professional and confidential student support free of charge to all registered IT Sligo students. Counselling gives you the time and space to explore any issue that concerns you. You will have access to a professional counsellor, who can discuss in complete confidentiality anything which is impacting your academic performance, personal health or well-being.

Counsellors are trained to listen attentively and provide a supportive, non-judgmental environment where you can engage in self-reflection with a focus on your well-being and personal growth. You can also get advice on where to find additional support and how best to move forward.



Our Student Support Services

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

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

Support Services Include:

ADMINISTRATIVE ADVICE AND ASSISTANCE: The Admissions Office provides on-going support in areas such as admissions, registration, grants, fees and examinations.

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

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

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

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

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

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

IT SLIGO STUDENTS' UNION: ITSSU has three full-time officers and a number of part-time staff to provide ongoing support, guidance and representation. ITSSU works closely with Institute management to ensure that student welfare and facilities are first class. See **ITSSU.IE** for more details.

LEARNING SUPPORT TUTOR: A learning support tutor who works with the Access Officer is available to assist you if you have special needs such as dyslexia or other specific learning challenges.

See **ITSLIGO.IE/STUDENT-HUB** for more details.

Access Office Supports

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

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

Our Access Office Staff

Linda McGloin, Access Officer, Maureen Haran, Assistant Access Officer, Shelly Brady, Disability Support Service Officer and Learning Support Tutors, Andrea Rynn and Niamh Doddy welcome your application and will be happy to address any queries you might have.

The Student Mentoring Programme

About Student Mentoring

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

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

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

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

"Don't worry if things don't click right away."

"Definitely not to stress out too much, everything will work out as long as you put enough work into it. There is plenty of help available so you are never alone."

"Don't be afraid to approach people, everyone's feeling the same way."

"Not to panic. Starting college can be overwhelming and it's important that they know there is always someone to talk to regarding their programme or college life in general."

"Take a deep breath, you'll be fine."

"Participate. Join at least two clubs, even if you have no experience in the area. Take notes in class, the head can only remember so much."

"Try to do a bit of work every evening even if for only ten minutes it will reduce the workload later on."



Living in Sligo

Accommodation

Our Students' Union will provide you with a list of all accommodation in the area. You can contact the office on **+353 (0)71 91 41887** or check out the website at **ITSSU.IE** The following is a list of the self-catering Student Villages that are close to the college:

Ard Nua Village

T: +353 (0)71 91 99888
ARDNUA.COM

Gateway Apartments

T: +353 (0)71 91 45618
GATEWAYAPARTMENTS.IE

Milligan Court

T: +353 (0)71 91 46754
MILLIGANCOURT.IE

The Grove

T: +353 (0)71 91 44858
THEGROVESLIGO.IE

The Village Clarion

T: +353 (0)71 91 29002
THEVILLAGECLARION.COM

Yeats Village

T: +353 (0)71 91 38551
YEATSVILLAGE.NET






PUMA

Getting Here and Campus Tours

Transport Information

Sligo is well served by bus, rail and road connections. Many students stay in Sligo during the week and then go home at the weekend. Public and private companies operate coach services to Mayo, Donegal, Derry, Leitrim, Roscommon, Cavan, Galway, Longford and Mullingar. You can travel from Dublin to Sligo by rail, bus or car in under three hours. Ireland West Airport, Knock is less than an hour's journey from Sligo. Bus and train timetables are posted on the Students' Union noticeboard. Timetables are also available at: **IRISHRAIL.IE** and **BUSEIREANN.IE** The local Sligo City Bus Service has an official stop on campus.

School Visits

At IT Sligo we provide an extensive schools visitation programme designed to give you information about IT Sligo and the courses we offer. This service is available to second level schools, further education providers and all organisations that require further information on the wide variety of courses offered at IT Sligo. However, nothing beats actually coming here to see the place for yourself.

Campus Tours

Visits to our campus give you an opportunity to examine career options, discuss courses with lecturers, explore the college and its facilities and experience a taste of life in a third level Institute first-hand. Visits can be arranged for groups or on an individual basis. To book a campus tour visit **ITSLIGO.IE/CAMPUSTOURS**



Explore Our Campus



Visit IT Sligo

OUR UPCOMING OPEN DAYS ARE: 18th October 2018, 15 January 2019 and 13th April 2019.

Open Days are important highlights of the academic year and give you the opportunity to experience the Institute, talk to current students and meet staff.

Visiting students may attend talks on various courses, take a guided tour of IT Sligo and view the exhibition stands in the School of Business and Social Sciences, School of Engineering and Design and School of Science. You can find more information about your preferred course and learn a bit about the quality of life our students enjoy on campus. To get a flavour of our Open Days see **ITSLIGO.IE/OPENDAY**

For Further Information:

MARKETING OFFICE
T: +353 (0)71 93 05855
E: schoolsliaison@itsligo.ie
W: itsligo.ie/schoolsliaison



Map Key

P Parking
1 Library & Administration
2 School of Science
3 Languages & Marketing
4 Business & Social Sciences
5 Engineering & Design
6 Technology Centre
7 Innovation Centre
8 Student Services Centre
9 Aurivo Auditorium
10 Fine Art & Design
11 Fine Art & Design
12 Applied Technology
13 Knocknarea Arena
14 Main Entrance



Contacts:

IT Sligo Reception:
T: +353 (0)71 93 05222
W: itsligo.ie

Admissions Office:
T: +353 (0)71 93 18510
E: admissions@itsligo.ie
F: +353 (0)71 91 60475

Examinations Desk:
T: +353 (0)71 91 37316
E: examinations@itsligo.ie

Undergraduate Recruitment & Schools Liaison:
T: +353 (0)71 93 18510
E: admissions@itsligo.ie
E: schoolsliaison@itsligo.ie

International Office:
T: +353 (0)71 91 55384
F: +353 (0)71 91 37235
E: internationaloffice@itsligo.ie

Student Support:
T: +353 (0)71 93 07369
E: studentsupportservices@itsligo.ie

Access:
T: +353 (0)71 93 05381
E: access@itsligo.ie

Learning Support:
T: +353 (0)71 91 55400
E: learningsupport@itsligo.ie

HEAR Programme:
T: +353 (0)71 91 37355
E: mcgloin.linda@itsligo.ie

Accommodation:
T: +353 (0)71 91 41887
E: info@itsligo.ie

Careers Office:
T: +353 (0)71 91 55448
E: careers@itsligo.ie

Students' Union:
T: +353 (0)71 91 41887
E: info@itssu.ie

Health Service:
T: +353 (0)71 93 05463
E: studenthealthservices@itsligo.ie

Counsellor:
T: +353 (0)71 93 05463
E: studentcounsellor@itsligo.ie

School of Business and Social Sciences:
T: +353 (0)71 91 55249

School of Engineering and Design:
T: +353 (0)71 91 55830

School of Science:
T: +353 (0)71 91 55830

OUR COURSES

EXPLORE YOUR OPTIONS!

FIND THE PERFECT COURSE FOR YOU

COURSE NAME	PAGE
Accounting (L8)	24
Accounting (L6)	25
Advanced Wood and Sustainable Building Technology (L7)	72
Agri-Food Science (L8)	110
Agri-Food Science (L7)	111
App Design and User Experience (UX) (L8)	82
Applied Archaeology (L8)	112
Applied Archaeology (L7)	113
Applied Archaeology (L6)	114
Applied Sport with Business (L7)	41
Architecture (L8)	54
Biomedical Science (L7)	134
Business (L8)	28
Business (L7)	29
Business (L6)	30
Business Administration (L7)	32
Civil Engineering (L8)	68
Civil Engineering (L7)	69
Civil Engineering (L6)	70
Computer Networks and Cloud Infrastructure (L8)	83
Computer Networks and Cloud Infrastructure (L7)	88
Computing (L8)	80
Computing (General Entry) (L7)	86
Computing (General Entry) (L6)	90
Computing (Smart Technologies) (L8)	84
Construction Economics (L6)	77
Construction Project Management and Applied Technology (L8)	71

COURSE NAME	PAGE
Creative Design (L8)	56
Creative Design (L7)	57
Digital Marketing (L7)	38
Early Childhood Care and Education (L8)	47
Electronic & Computer Engineering (L7)	91
Electronic & Computer Engineering (L6)	93
Engineering (L7)	102
Engineering (L6)	103
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Important Dates for Applicants

IT Sligo Autumn Open Day
18th October 2018

IT Sligo Open Evening
15th January 2019

IT Sligo Spring Open Day
13th April 2019







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