

INSTITIÚID TEICNEOLAÍOCHTA, SLIGEACH | INSTITUTE OF TECHNOLOGY, SLIGO

Open and Distance Learning



WWW.itsligo.ie PART-TIME PROSPECTUS 2009/2010



INSTITIÚID TEICNEOLAÍOCHTA, SLIGEACH INSTITUTE OF TECHNOLOGY, SLIGO

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Website: www.itsligo.ie

INFORMATION EVENING

WEDNESDAY 13TH MAY 2009

INSTITUTE RECEPTION AREA

7.00 - 9.00pm

Closing Date for applications for all courses commencing September 2009

Tuesday 30th June 2009

Come along and meet your prospective Lecturers, Programme Co-ordinator, Head of Department and learn more about the programmes.



09|10

OPEN AND DISTANCE LEARNING AT IT SLIGO

SCHOOL OF BUSINESS AND HUMANITIES

Head of School of Business and Humanities

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Head of Department of Business

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SCHOOL OF ENGINEERING

Head of School of Engineering

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Head of School of Science

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Head of Department of Environmental Science

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Apply online:

www.itsligo.ie

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WELCOME

Welcome to IT Sligo's Open and Distance Learning Handbook 2009/2010



Welcome from the President

Thank you for your interest in the Open and Distance Learning programmes on offer in IT Sligo in the coming academic year. More people are choosing to study part-time at IT Sligo every year. So whether you want to learn more about a subject, develop your professional skills, re-train for a new career or study for pleasure, you can study part-time leading to recognised qualifications at IT Sligo.

Often the demands of work or family mean that you are unable to commit to full-time study and our ODL programmes are designed for students who want to study with us part-time. We offer a supportive and flexible learning environment enabling students to develop new skills and achieve their ambitions. When attending lecturers and visiting the campus you will find dedicated academic and support staff with a keen interest in supporting you and assisting you in your quest for new knowledge.

In addition to the array of programmes in this prospectus, IT Sligo can also design and tailor programmes to the needs of your organisation. We work very closely with employers, practitioners and professional organisations to ensure that all our programmes reflect the current needs of the work place whether this be in humanities, business, engineering and science.

I am delighted that you have taken the first step to review and consider the programmes on offer and would remind you that Michelangelo in his 87th year, is quoted as saying 'Ancora Imparo' meaning 'I am still learning'. Given his breathtaking achievements in science and the arts, this humility provides a lesson and a direction for us all.

If you wish to find out more about any of the programmes on offer, please get in touch with us.

With best wishes

Terri Scott President



ABOUT US

The Institute of Technology, Sligo provides an ever increasing range of flexible and accessible part-time and modular programmes. Programme delivery methods are varied, some part-time, distance learning and on-line.

These programmes are particularly suitable for those wishing to return to study in order to fulfil personal goals, update their skills, or achieve additional professional qualifications.

Accredited programmes are offered in the areas of Business, Humanities, Social Studies, Computing, Engineering and Science. Non-Accredited skill programmes and tailor made programmes for industry and community groups are also available.

While programmes are available at the main campus at IT Sligo, other centres throughout the region may be selected to host part-time programmes provided sufficient numbers of students from the area register on any one programme.

ENTRY REQUIREMENTS

The entry requirements for programmes differ in relation to the level of the specific programme. Please refer to the relevant programme details in the prospectus for entry requirements or contact the Head of Department.

All programmes are offered subject to an adequate demand and the necessary resources being available.

The Institute reserves the right to decide to run or not to run any programme. This decision is usually made in the month of August preceding the commencement of the programme.

Programmes are offered on a single module basis. The balance of modules needed to complete a qualification will only be offered subject to adequate demand in future years.

The times of delivery of programmes may change from time to times due to the availability of personnel.

APPLICATION

Applicants are advised to apply early to avoid not being offered a place on the programme of their choice.

The Institute has developed an on-line application facility, please check the website www.itsligo.ie to make an on-line application. If you experience a difficulty with this please contact the Open and Distance Learning co-ordinator Tel. 071 9137215 or email odl@itsligo.ie for assistance.

PAYMENTS OF FEES

ALL PROGRAMME FEES MUST BE PAID PRIOR TO CLASS COMMENCEMENT.

To pay – Bank Giro Forms are issued from the Relevant Schools.

The Bank Giro/Credit transfer is a three-part document which must be stamped by the bank and the middle section returned to the registrar's department to complete the registration process, and secure your college place.

The fees for the programmes are determined annually by the Institute. The Institute reserves the right to alter the fees as stated in this prospectus and other publications. Students will be notified of any such change prior to registration.

INVOICE TO COMPANY

Where fees are being paid by an Employer, a letter of undertaking from the Employer must be presented before the programme commencement date. Invoices will only be issued when this letter of undertaking is provided and payment of these invoices must be received prior to commencement of the programme. In the event that Invoices have not been paid, the student will be required to pay the fee and subsequently claim it back from his/her employer.

UNDER NO CIRCUMSTANCES WILL STUDENTS BE ALLOWED TO ATTEND CLASSES UNLESS ALL FEES ARE PAID IN ADVANCE AND STUDENTS ARE REGISTERED.

REFUND POLICY

The Institute has a strict policy in relation to Refund of Programme Fees and they will be issued only in the following circumstances.

- A full refund (less €150 administration fee) will be given if requested in writing before the commencement of programme.
- Where a student leaves within two weeks of a short programme (10–12 weeks), 70% refund of the programme fee will apply.
- Where a student leaves within four weeks of a long programme (1 year) 70% refund will apply.

Refunds will only be processed on receipt of the original bank giro.

All programmes will run subject to sufficient numbers. Students having registered and paid programme fees will be refunded in full should the programme be subsequently cancelled. Refunds typically take one month to process.

All refund Requests are to be submitted in writing to:

Open and Distance Learning Co-ordinator, Registrar's Department, IT Sligo, Ballinode, Sligo or by email odl@itsligo.ie.



POLICY ON GARDA VETTING

A number of programmes especially in the area of social work and education, require students to undertake placements that will bring them into contact with children or vulnerable adults and in which they will assume positions of trust. To ensure the protection of the public and to justify public trust and confidence, IT Sligo is committed to ensuring that only suitable candidates are allowed to undertake these programmes. IT Sligo will use the Garda Central Vetting Unit (GCVU) services to assess the suitability of such applicants and in some cases, may also require applicants to provide an enhanced disclosure by completion of an affidavit.

FÁS FUNDING OF PROGRAMMES

Please note that programmes which are approved for funding by FÁS are funded on an annual basis only. There is no guarantee that funding will be continued to the end of a programme which extends over two years or more, as this depends on continued approval from FÁS for the funding.

TAX RELIEF

Students who pay tuition fees from their own income may be eligible for Tax Relief on their fees.

Form IT31 Claim for Tax relief in Respect of Tuition Fees can be downloaded from the Revenue website www.revenue.ie or you can contact your local Revenue Office to get the form. It is important that you keep your receipt for the purpose of claiming tax relief.

STUDENT ID CARD

Once registered, students may apply for a Student ID card which is issued at the library desk. Please note that your Student ID card is required when borrowing a book from the Library.

Student ID cards are also required for admission to all examinations.

FREEDOM OF INFORMATION

The Institute of Technology is governed by the FOI Act 1997 and 2003.

FURTHER INFORMATION:

Marian Hargadon Freedom of Information Officer Institute of Technology, Sligo Tel: 353 71 9155204

Email: foi@itsligo.ie (FOI requests only)

LIBRARY FACILITIES

LIBRARY OPENING HOURS

Term time

Monday-Thursday 9.00am to 10.00pm

Friday

9.00am to 5.00pm

Saturday

10.00am to 2.00pm

Out of Term

Monday-Friday 9.00am - 1.00pm 2.00pm - 5.00pm (Closed for lunch)

As Above

Closed Saturdays

BANKING FACILITIES

Bank of Ireland operates a full on-campus banking service

Office Hours:

Monday, Tuesday, Thursday & Friday: 10.00am – 12.30pm and 1.30pm – 4.00pm

Wednesday:

10.30 - 12.30 and 1.30 - 4.00pm

CANTEEN FACILITIES

The Institute provides canteen facilities from Monday to Thursday 8.30am to 9.00pm

Friday 8.30am to 4.30pm Saturday 10.00am to 2.30pm

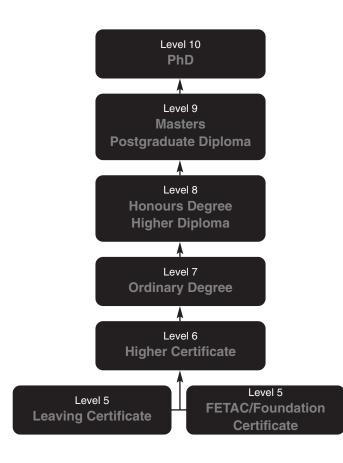


NATIONAL FRAMEWORK OF QUALIFICATIONS

The National Framework of Qualifications, the NFQ was proposed through the Qualifications (Education and Training) Act 1999 and launched in 2003.

The NFQ has ten levels which clearly identify awards made for all kinds of learning including second level (FETAC) awards and higher education (Institutes and Universities HETAC) awards. Its transparent nature allows learners to compare and contrast qualifications, here in Ireland and Internationally. It helps learners to plan their education and training and provide clarity to employers, learners and the public on the system of education and training in Ireland.

The Institute of Technology Sligo offers programmes that include each of the levels on the ladder below. The 'ladder system' enables students to progress from one qualification to the next level right up to PhD levels depending on academic achievement.



RECOGNITION OF PRIOR LEARNING (RPL)

Recognition of Prior Learning [RPL], is defined as learning that has already taken place prior to enrolment on a programme of study. Learning is defined as the acquisition of knowledge and skills that has resulted from a successful learning process. This learning process may have taken place formally through a further or higher education provider or informally or non-formally through work/life experiences.

What constitutes prior learning?

- Accredited Learning
 Learning that you have undertaken that has been accredited
 by a recognised further/higher educational institution.
- Non-Accredited/Informal Learning Informal/experiential learning (relevant life or work/voluntary experiences) and non-formal (work-based training and/or education programmes that may have been assessed but not formally accredited).

What can I use RPL for?

Institute of Technology, Sligo has put in place a policy and procedures that allow for the recognition of Prior Learning as a means to

- Achieving entry (or advanced entry) to a programme of study.
- 2. Granting of exemption from a module or modules within a programme of study.

Portfolios of Evidence:

In making an application for RPL applicants may be required to compile a portfolio of evidence demonstrating how they have achieved the learning outcomes of a particular module within a programme or how they meet the entry requirements of a programme of study. The Open Learning Facilitator will provide you with support, guidelines and assistance in making your application for RPL and/or in compiling your portfolio.

IF YOU WISH TO MAKE AN APPLICATION FOR RPL YOU SHOULD CONTACT THE OPEN LEARNING FACILITATOR who will provide you with information, guidelines and assistance in making your application and /or compiling your portfolio.

Closing date for application: 30th June 2009 **Note:** RPL application fees will apply.

FOR FURTHER INFORMATION:

Jennifer Van Aswegen Open Learning Facilitator School of Business and Humanities Tel: 071 91537216

Email: vanaswegen.jennifer@itsligo.ie

OR

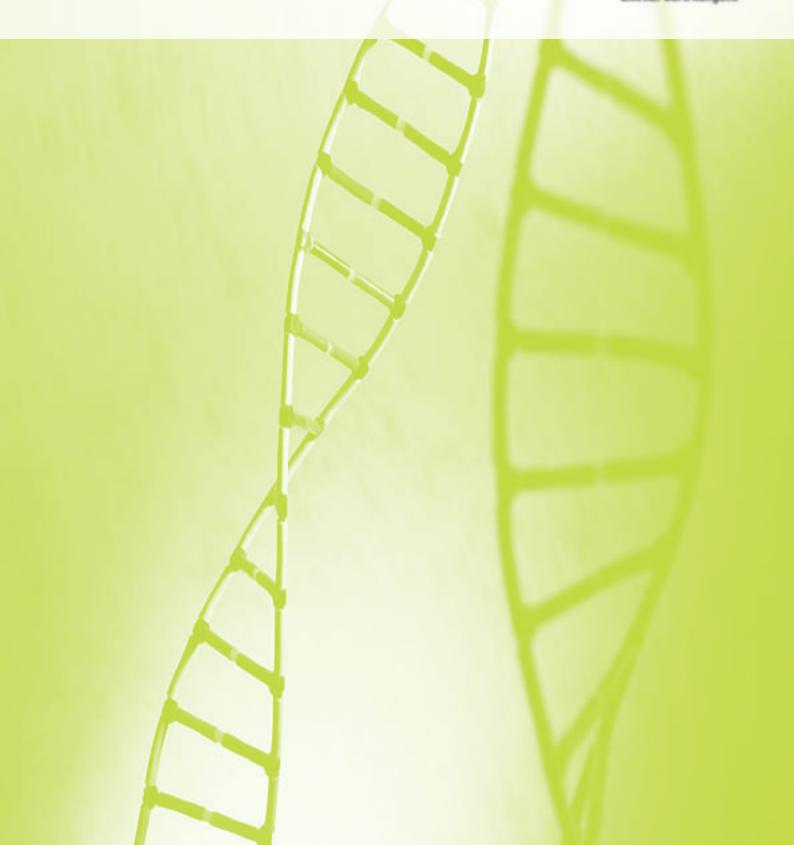
Louise O'Gorman Open Learning Facilitator School of Engineering/School of Science Tel: 071 9155319

Email: ogorman.louise@itsligo.ie





FOR INFORMATION ON THIS SECTOR PLEASE CONTACT THE SCHOOL OF SCIENCE TEL: (071) 913 7249 EMAIL: odl@itsligo.ie





CERTIFICATE IN SAFETY AND HEALTH SPECIAL PURPOSE AWARD (10 CREDITS) LEVEL 6

Programme Code: SG_SSAFE_CE

Description: The programme will review the legislation relating

to occupational safety as set out in the Safety, Health and Welfare at Work Act, 2005. Upon successful completion of this programme the student will be able to identify and analyse factors in the workplace, workforce and operational structures, which affect the causes of incidents, accidents and ill health in the workplace and select appropriate control methodologies.

Duration: 20 weeks

Delivery: This programme can be delivered on-line, by

attending the Institute one evening per week or delivery at a clients workplace, subject to viable

student numbers.

Fee: €750 - €1,100 depending on delivery mode.

CERTIFICATE IN COMPOST FACILITY OPERATION SPECIAL PURPOSE AWARD (10 CREDITS) LEVEL 6

Programme Code: SG_SCOMP_L6

Composting Operator Training Programme Content

- · Definitions and Biology of Composting
- · Composting Process
- · Composting Technologies
- · Process Control
- Potential Environmental Impacts & Environmental Management
- · Compliance with Regulatory Framework
- · Health and Safety
- · Facility Maintenance
- Compost Uses and Marketing
- · Community Relations

Accreditation The programme was developed in association

with Cré (The Composting Association of Ireland) and FÁS and is accredited as a "Certificate in Compost Facility Operation" (Special Purpose Award Certificate, Level 6, 10 Credits). It is equivalent to a 10 Credit Module of a Higher Certificate in Science. Normally a Higher Certificate is taken over two years full-time in a third level institute and involves achieving a total

of 120 Credits.

Delivery: The programme is delivered over 6 days,

comprising three blocks of 2 days over a period of two months. The programme comprises

lectures and site visits to a large green waste composting facility (windrow technology), a small green waste composting facility and food waste composting facility (In- vessel/Animal By- Product Facility). The students are required to complete reports of site visits and other assignments and to undertake an exam at he end of the programme. The programme is delivered off-campus at

locations close to Dublin.

The programme will be limited to a maximum of 30 students per programme. The programme will be provided and managed by the Institute of Technology, Sligo on behalf of Cré.

Fees: €1,875. (€312.50 per day.)

PROGRAMME Co-ordinator: Percy Foster, Cré,

Email: percy@cre.ie Tel: 0868129260

FURTHER INFORMATION The School of Science Tel: 071 9137249 Email: odl@itsligo.ie

HIGHER CERTIFICATE IN SCIENCE
IN GOOD MANUFACTURING PRACTICE AND
TECHNOLOGY LEVEL 6

Programme Code: SG_SATMP_C

Description: A Higher Certificate in GMP by distance learning

is being delivered by the School of Science. The programme is aimed at people working in industry that may or may not have any previous qualifications. As the programme is delivered by distance learning, employees will be able to avail of training without the necessity to leave work.

The programme covers a variety of topics including; basic science modules, Occupational Safety & Health, GMP & Quality Assurance, Manufacturing & Process Technology, Contamination & Clean Room Management.

Duration: 3 years

Fees: €1,750 per year.

Programme Co-ordinator: Dr Oliver Joyce Tel: 071 9137248 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science

Tel: 071 9137249 Email: odl@itsligo.ie

Apply online: WWW.itsligo.ie



HIGHER CERTIFICATE IN SCIENCE IN ENVIRONMENTAL MANAGEMENT

LEVEL 6

Programme Code: SG_SENVM_L6

Description:

This programme is delivered by Distance Learning and is specifically designed for people with either an interest in the environment and/or who wish to take an active part in the environmental management affairs of an organisation.

The programme consists of a combination of science, business, engineering, legal and management modules with a number of modules being offered as electives.

It is envisaged that applicants with no scientific or engineering background can successfully complete the programme.

The theory aspect of the programme is reinforced with workshops and/ or site visits to environmental protection facilities or organisations with functioning environmental management systems.

The programme also includes a project, which typically involves investigation of real environmental issues.

The programme is being made available in single modules or as a Minor Award subject to a minimum of 60 Credits have been accumulated, participants will be eligible for a Minor Award (Certificate in Environment Management) of the Higher Certificate in Science in Environmental Management.

Participants who successfully complete the full programme of 120 Credits will be awarded a Higher Certificate in Science in Environmental Management.

Typically, individual modules can be completed in a two to three month period and the full programme can be completed in two years.

The programme will commence in September 2009 subject to viable numbers.

Note:

Participants must choose and successfully complete sufficient electives (25 Credits) to make up a total of 120 Credits for the award of Higher Certificate in Science in Environmental Management.

Electives may be chosen by applicants (depending on prior education and experience) and are subject to the approval of the Programme Board.

EM17 and EM18 will typically take the form of Recognition of Prior Learning (RPL) for applicants with <u>significant</u> experience in a related subject area and subject to prior approval by the Programme Board.

Schedule of Modules

No	TITLE OF MODULE	MODULE STATUS M=Mandatory E=Elective	CREDITS
EM1	Principles of Environmental Science	M	10
EM2	Principles of Environmental Eng	M	5
EM3	Introduction to Environmental Management Systems & Auditing	M	15
EM4	Introduction to Legislation & the Law	M	5
EM5	Environmental Legislation	M	15
EM6	Introduction to Air, energy & Transport	M	10
EM7	Introduction to Water & Wastewater	M	5
EM8	Introduction to Waste Management	M	5
EM9	Soil, Land-Use & Ecology	M	5
EM10	Nuisance Issues	М	5
EM11	Project	М	15
EM12	Occupational Safety & Health	E	10
EM13	Organisational Behaviour	E	10
EM14	Communication	Е	5
EM15	Introduction to Business Mgt.	E	10
EM16	Information Technology/ Computing	E	10
EM17	Elective 1 (through RPL Process)	E	10
EM18	Elective 2 (through RPL Process)	E	5

Fees: €375 per 5 Credit Module €750 per 10 Credit Module

€1,125 per 15 Credit Module

€4,000 per year

FURTHER INFORMATION

The School of Science Tel: 071 9137249 Email: odl@itsligo.ie





B.SC. IN ENVIRONMENTAL MANAGEMENT

LEVEL 7

Programme Code: SG_SENVI_M07

Description:

This Ordinary degree in Environmental Management is specifically designed for people who are required to take an active part in the environmental management affairs of an organisation. It is also suitable for those who wish to develop their knowledge, skills and competence base in the science of environmental management.

This programme is a clear progression route for those with Higher Certificates in Science or related areas. It is also envisaged however, that applicants with different backgrounds can successfully complete the programme, subject to assessment of other recognised qualifications, and/or recognised prior learning and/or relevant work experience. These candidates will be interviewed for suitability and be subject to prior approval by the Programme Board.

The programme is structured in four semesters over a twoyear period. The first three semesters each have a core mandatory module and three elective modules, each worth 5 Credits. Students select two out of three electives per semester, giving a total of fifteen Credits per semester. The last semester is a single project module (15 Credits), where the student undertakes an environmental management project within a workplace.

The programme will be mainly delivered using the internet (MOODLE) and the students will be instructed in this method at the start of the programme. On-line lectures, programme materials, innovative learning, web-links and assessments will be delivered using this platform. There will also be two workshops per semester, where the students will undertake team work, lectures and / or site visits to environmental facilities or organisations with functioning environmental management systems.

Participants who successfully complete the full programme of 60 Credits will be awarded a Batchelor of Science (Ordinary) in Environmental Management. The programme will also be available as single modules.

The programme will commence in September 2009 subject to viable numbers per semester, giving a total of fifteen Credits per semester. The last semester is a single project module (15 Credits), where the student undertakes an environmental management project within a workplace.

The programme will be mainly delivered using the internet (MOODLE) and the students will be instructed in this method at the start of the programme. On-line lectures, programme materials, innovative learning, web-links and assessments will be delivered using this platform. There will also be two workshops per semester, where the students will undertake team work, lectures and / or site visits to environmental facilities or organisations with functioning environmental management systems.



Participants who successfully complete the full programme of 60 Credits will be awarded a Batchelor of Science (Ordinary) in Environmental Management Level 7. The programme will also be available as single modules.

The programme will commence in September 2009 subject to viable numbers.

SCHEDULE OF MODULES						
TITLE OF MODULE	STATUS M=Mandatory E=Elective	CREDITS				
Environmental policy and legislation	М	5				
Water quality in Irish River Basin Districts	E 5					
Natural heritage management	Е	5				
Communications	E	5				
Planning and environmental impact assessment	М	5				
Wastewater management	E	5				
Energy use and sustainability	E	5				
Air quality	E	5				
Environmental management systems and auditing	М	5				
Waste management	E	5				
Drinking water treatment	E	5				
Environmental Issues	E	5				
Environmental management project in the workplace	М	5				

Duration: 2 Years

Fees: €500 per 5 Credit Module

€1,500 per 15 Credit Module

€3,000 per year

Programme Co-ordinator: Frances Lucey

Tel: 071 9155355 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science Tel: 071 9137249





B.SC. IN PHARMACEUTICAL SCIENCE

LEVEL 7

Programme Code: SG_SPHAR_D

Minimum Entry Requirements

Level 6 Higher Certificate in Science. Applicants with other qualifications and/or with relevant experience will also be considered.

Programme Based on Industry Requirements

One of the key goals of the Institute is to develop links and contacts with industries to ensure that programmes offer the skill and knowledge development that is required in the current marketplace. For example in the case of Pharmaceutical Business the Institute is involved in ongoing training with some of the largest Pharmaceutical and Medical Device companies in Ireland. This ensures that the programme remains up to date and relevant to industry requirements.

Programme Outline

The programme is of two years duration by distance education over four semesters. The programme consists of a unique mix of Science disciplines based on pharmaceutical and medical device industry requirements.

The programme is multi-disciplinary, and is aimed at producing multi-skilled graduates for a wide range of scientific and production employments. It includes core Pharmaceutical Sciences but places emphasis on modern technology and advances covered in modules such as: Biopharmaceuticals, Pharmaceutical processing, Scientific communications and Pharmaceutical formulation will greatly help progress graduates in their future careers.

Career Opportunities

The healthcare business in Ireland is currently one of our most extensive and thriving industries. Included in healthcare are the biomedical, medical technology, pharmaceutical, etc., sectors.

Areas where graduates find employment include; Regulatory Affairs, Validation, Analysis, Production, and Quality Systems.



Programme Structure - Modules Covered:

- · Pharmaceutical Analysis
- Biopharmaceuticals 2
- Pharmaceutical Formulation
- · Pharmaceutical Chemistry
- · Pharmaceutical Processing
- · Statistics & Computing
- · Pharmaceutical Quality Systems
- Pharmacology
- Scientific Communications 2
- · Pharmaceutical Manufacturing

Note: The Institute reserves the right to change

programme content at any time.

Further Study The B.Sc. (Ord) Pharmaceutical Science Level

7 provides an excellent foundation for the student who wishes to progress to a B. Sc. (Hons) Pharmaceutical Science Level 8.

Duration: Two years distance learning

Fee: €625 per 5 Credit Module

€1,875 per 15 Credit Module

€3,750 per year

How to Apply

The intake for this programme is on an annual basis, commencing September 2009.

FURTHER INFORMATION The School of Science





B.Sc. (HONS) IN PHARMACEUTICAL SCIENCE

LEVEL 8

Programme Code: SG_SPHAR_BDL

Minimum Entry Requirements

B.Sc. (Level 7) or National Diploma in a relevant science discipline at Merit level or equivalent. Applicants with other qualifications and/or with relevant experience will also be considered.

Programme Based on Industry Requirements

One of the key goals of the Institute is to develop links and contacts with industries to ensure that programmes offer the skill and knowledge development that is required in the current marketplace. IT Sligo is involved with the largest Pharmaceutical and Medical Device companies in Ireland with regard to programme development and on-going training. This ensures that the programme remains up to date and relevant to industry requirements.

Programme Outline

The programme is of two years duration by distance education over four semesters. The programme consists of a unique mix of Science disciplines based on pharmaceutical and medical device industry requirements.

The programme is multi-disciplinary, and is aimed at producing multi-skilled graduates for a wide range of scientific and production employments. It includes core Pharmaceutical Sciences but places emphasis on modern technology and advances covered in modules such as; Operations Management, Drug Structure, Validation and Biopharmaceutical Analysis. In addition modules such as Legislation and Pharmaceutical Compliance Auditing will greatly help progress graduates in their future careers.

Programme Structure:

Modules Covered:

- Biopharmaceutical Analysis (5 Credits)
- · Validation (5 Credits)
- Operations Management (5 Credits)
- Drug Structure (5 Credits)
- Case Studies (5 Credits)
- Compliance Auditing (5 Credits)
- Advanced Organic Chemistry (5 Credits)
- · Pharmaceutical Legislation (5 Credits)
- Research Methods (5 Credits)
- · Project (10 Credits)

Note:

The Institute reserves the right to change programme content at any time.

Further Study

The B.Sc. Pharmaceutical Science provides an excellent foundation for the student who wishes to progress to a Masters Degree in a range of programme options especially the M.Sc. in Industrial Pharmaceutical Science.

Career Opportunities

The healthcare business in Ireland is currently one of our most extensive and thriving industries. Included in healthcare are the biomedical, medical technology, pharmaceutical, etc., sectors.

Areas where graduates find employment include; Regulatory Affairs, Validation, Analysis, Production, and Quality Systems.

Duration: Two years distance learning

Fee: €625 per 5 Credit Module

€1,250 per 10 Credit Module

€3,750 per year

How to Apply

The intake for this programme is on an annual basis, commencing September. Application forms and further details may be obtained from the:

Programme Co-ordinator: Rosemary O'Reilly

Tel: 071 9155214 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science







PGD / MSC. IN BIOPHARMACEUTICAL SCIENCE

LEVEL 9

Programme Code: SG_SBPHAR_G

This programme is jointly offered by the Institute of Technology Sligo and NIBRT (National Institute for Bioprocessing Research and Training).

Duration:

Typically the duration of the programme will be part-time over 2 years for the 12 modules and an additional 6 months for the dissertation. The programme commences in September each year.

Exit Award:

A Level 9 Minor Award (Diploma in Bio-pharmaceutical Science) can be achieved on completion of 6 modules (3 core and 3 electives).

Minimum Entry Requirements

To obtain entrance to the Postgraduate Diploma: Candidates must have achieved a Level 8 Honours Degree in Science or Engineering awarded by a recognised Degree awarding body or hold a relevant National Diploma/Ordinary degree in Science or Engineering and have obtained a minimum of three years relevant post qualification experience.

Candidates obtaining honours in the Postgraduate Diploma may undertake the additional 30 Credits by way of a dissertation for the M.Sc. programme.

To obtain entrance to the M.Sc. programme directly:

Candidates must have achieved a Level 8 Honours Degree or its equivalent in an appropriate discipline (i.e. Engineering or Life Sciences). Students applying on the basis of formal qualifications and supplementary accredited prior learning will be required to submit full details and references to the programme board for consideration of educational equivalencies.

Assessment

The modules are assessed by 100% continuous assessment, with no end of year exams. Some or all of the following assessment modes may apply: examinations, practical work, projects, essays, vivas, seminars and assignments. These assessments may be organised in different centres throughout the country.

Programme Content

Students take 12 modules to the value of 60 Credits. The 6 core modules are:

- · Biopharmaceutical drug discovery and development
- · Fermentation and cell culture processing
- Biopharmaceutical risk assessment and management
- Protein purification processing
- Legislation/Regulatory Affairs for Biopharmaceutical products
- · Bioprocess scaleup and technology transfer

Elective modules are chosen from the three principal strands with a requirement to choose at least one module from each strand.

Quality System/Compliance Strand

- · Biopharmaceutical analytical techniques
- Biopharmaceutical industry regulation and management
- · Biopharmaceutical process validation
- · Lean Sigma principles for biopharmaceutical processing
- Wastewater treatment for biopharmaceutical processes

Science Strand

- · Toxicology for Biopharmaceuticals
- · Advanced glycobiology analysis
- Formulation and delivery of biopharmaceuticals
- · Bioprocessing laboratory

Operations Strand

- · Biopharmaceutical facility design and operation
- · Utilities for biopharmaceutical processes
- Project management for biopharmaceutical projects
- · Upstream Bioprocessing Engineering
- Downstream Bioprocessing Engineering
- · Bioprocess monitoring and control
- · Bioprocess design and operations

About this programme

The programme aims to provide scientists/engineers with industrial experience with a comprehensive grounding in critical aspects of biopharmaceutical processing and support activities, with specific focus on the product lifecycle of biopharmaceutical products/processes.

NOTE: Candidates cannot be conferred with a PgD and an MSc. and they need to make a decision regarding progression to the MSc. before completing the modules for the PgD.

Fee Structure

- PgD in Biopharmaceutical Science €1,000 per 5 Credit Module.
 - €5,000 per year (50 Credits)
- MSc in Biopharmaceutical Science €2,000 per year (30 Credits dissertation)

Programme Co-ordinator: Mary Butler

Tel: 071 9155395 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science Tel: 071 9137249

Email: odl@itsligo.ie





POST GRADUATE DIPLOMA IN ENVIRONMENTAL PROTECTION

LEVEL 9

Programme Code: SG_SENVP_G

Description: The aim of this programme is to provide post graduate level training in environmental protection/management. There are currently six module that must be successfully completed for

the award of Post Graduate Diploma:

· Water Pollution

- · Waste Management
- Air Pollution
- Noise and Energy
- · Environmental Systems
- · Environmental Management

Each module takes approximately three months to complete thus the entire Post Graduate Diploma programme takes a minimum of two years. Modules are also offered on a Single Module Certificate basis. Completion of a module requires study of distance learning material and attendance at weekend workshops

typically two weekends per module.

Fee: €1,200 per Module (six modules in total)

PROGRAMME CO-ORDINATOR: Margaret Savage

Tel: 071 9155395 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science Tel: 071 9137249

Email: odl@itsligo.ie

MSC. IN ENVIRONMENTAL PROTECTION

LEVEL 9

Programme Code: SG_SENVP_M

Description: Candidates who have successfully completed

the modules on the Post Graduate Diploma in Environmental Protection may choose to register for the MSc in Environmental Protection also by distance learning over a further year. The main element of the M.Sc. is completion of

a 30 Credit dissertation.

Having accumulated the full 90 Credits successful graduates will be awarded an MSc in

Environmental Protection.

NOTE: Candidates cannot be conferred with a PgD

and an MSc. and they need to make a decision regarding progression to the MSc before completing the modules for the PgD.

Fee: €3,300

PROGRAMME CO-ORDINATOR: Noel Connaughton

Tel: 071 9155356 Email: odl@itsligo.ie

FURTHER INFORMATION
The School of Science





M.SC. IN INDUSTRIAL PHARMACEUTICAL SCIENCE

LEVEL 9

Delivered jointly by the Royal College of Surgeons in Ireland and Institute of Technology Sligo

Programme Code: SG_SPHAR_M

Description:

The programme has been jointly developed by the School of Pharmacy at the Royal College of Surgeons in Ireland and the School of Science at the Institute of Technology, Sligo. The degree is an MSc of the National University of Ireland (NUI). It is of interest to those working in the pharmaceutical or healthcare industries and who would like to gain an education in the main subjects related to industrial practice. The programme comprises 12 modules, providing teaching in 22 major subject areas. There is also a research project. For suitably qualified candidates who wish to pursue Qualified Person status, the programme fulfils the educational requirements of the relevant European Directives. The programme is delivered by distance learning, with certain block attendance. The modular structure and credit system will facilitate studying for the degree while working.

Objectives:

To deliver an MSc that fulfils the educational requirements contained in Article 49 of Directive 2001/83/EC and Article 53 of Directive 2001/82/EC (replacing respectively Directives 75/319/EEC and 81/851/EEC) for Qualified Person acceptability. Candidates other than those wishing to become QPs will also be accepted. Individual modules may also be taken and will be suitable for continuing professional development in a range of circumstances, for example those listed below.

Existing QPs who wish to extend their knowledge in individual subject areas by study of individual modules.

- Other professionals who need to fulfill continuing professional development (CPD) requirements of their professional bodies.
- Pharmacists from other disciplines who will benefit from study of individual modules, for example hospital pharmacists.
- Further training for people in the healthcare industry generally.

Structure and duration

The programme is part-time, modular, distance learning with block attendance (4 blocks in two years). The programme will normally be completed in two years. However a credit system is operated, permitting completion over a longer period. Satisfactory completion of twelve modules and a research project are required. Taught modules each carry four Credits. The project carries 12 Credits. Thus 60 Credits are required for award of the degree.

Programme delivery

The programme is delivered in a part time, distance learning, modular mode. Delivery of the programme is divided equally between the two institutions, with students assigned to each on a modular basis. The programme contains both text and electronic elements, combining material specifically written for the programme with directed reading of established texts. Problem-based exercises will be a major feature. A research project forms a part of the programme. This will normally be conducted at the candidate's place of employment.

Entry requirements

The M.Sc. programme is open to students who have obtained an honours degree or its equivalent in an appropriate discipline. Candidates intending to pursue Qualified Person status should have an appropriate primary degree that conforms to the specific requirements for primary qualifications listed in European Directives 2001/83/EC and 2001/82/EC. There is also a requirement for an intending Qualified Person to have completed a minimum of two years practical industrial experience in an appropriate manufacturing environment.

Examinations and assessments

Both in-programme assessment and formal examinations are employed. The structure of the modules and the programme material provide for in-programme assessment of problem-based exercises. Examinations are arranged simultaneously in both participating institutions.

Programme curriculum

The programme is organised around a two-year cycle, during which 12 modules are studied and a research project will be carried out. Each year is split into two semesters and three modules are delivered in parallel during each semester. The individual modules and their numbers are as follows:

- 1. Active Pharmaceutical Ingredients
- 2. Pharmaceutical microbiology
- 3. Processes and production
- 4. Project management
- 5. Medicinal chemistry
- 6. Pharmaceutical law, ethics and administration
- 7. Formulation
- 8. Quality systems
- Biopharmaceuticals and Biopharmaceutical Analytical Techniques
- 10. Investigational Medicinal Products
- 11. Pharmacology and toxicology
- 12. Operations management





The programme provides teaching in 22 individual subject areas. These are addressed within individual modules as shown below.

Subject	Module				
Active Pharmaceutical Ingredients	Active Pharmaceutical Ingredients				
Biopharmaceutics (dosage forms)	Formulation				
Formulation	Formulation				
Investigational Medicinal Products	Investigational Medicinal Products				
Medicinal chemistry	Medicinal chemistry				
Operations management	Operations management				
Packaging	Operations management				
Warehousing	Operations management				
Analysis and testing	Biopharmaceutics and Biopharmaceutical Analytical Techniques				
Mathematics and statistics	Biopharmaceutics and Biopharmaceutical Analytical Techniques				
Stability	Biopharmaceutics and Biopharmaceutical Analytical Techniques				
Pharmaceutical Law	Pharmaceutical law, ethics and administration				
Role of the QP	Pharmaceutical law, ethics and administration				
Microbiology	Pharmaceutical microbiology				
Biopharmaceutics (pharmacokinetics)	Pharmacology and toxicology				
Pharmacology/toxicology	Pharmacology/toxicology				
Biotechnology	Processes and production				
Processes and production	Processes and production				
Project management	Project management				
Compliance and auditing	Quality systems				
Quality systems	Quality systems				
Validation	Quality systems				

Fee: €1,850 per Module €7,350 per year

Programme Co-ordinator: Mary Butler

Tel: 071 9155395 Email: odl@itsligo.ie

FURTHER INFORMATION The School of Science Tel: 071 9137249 Email: odl@itsligo.ie









QUALIFIER PROGRAMMES FOR ENTRY TO LEVEL 7 DEGREES – 1 YEAR PART TIME

These modules are aimed at people who have significant work experience but who do not have the required sufficient academic qualifications for entry into level 7 programmes (ordinary degree). All may be taken in one academic year.

Qualifier Modules for B.Eng. in Mechatronics

Modules (credits awarded)

- Instrumentation (10)
- CIM and Automation Technology (10)
- Mathematics (5)
- Programming, Communications and Interfacing (5)

Programme Co-ordinator: Simeon Gillan

Tel: 071 9155265 Email: odl@itsligo.ie

Qualifier Modules for B.Eng. in Electronic Engineering

Modules (credits awarded)

- Instrumentation (10)
- Embedded Hardware (5)
- Mathematics (5)
- Embedded Programming (10)

Programme Coordinator: Fergal Henry

Tel: 071 9155258 Email: odl@itsligo.ie

Fees: €515 per 5 Credit Module

€1,030 per 10 Credit Module

€3,000 if all modules taken at same time

FURTHER INFORMATION:

Taraneh Mosadegh Tel: 071 9155441 Email: odl@itsligo.ie

HIGHER CERTIFICATE IN SCIENCE IN SUPERVISORY MANAGEMENT & TECHNOLOGY

LEVEL 6

Programme Code: SG_ESUPE_M06

About this programme

This programme has been designed to fill the demand for personal development plans for front-line

managers, team leaders, or supervisors who have not yet attained the academic entry requirements for the available Level 7 programmes that are on offer.

The programme, consisting of nine modules, would qualify for the award of a Higher Certificate Level 6.

Description:

The programme is intended as a progression mechanism for people currently holding a Leaving Certificate (NFQ Level5), with at least five years appropriate experience in an industrial environment and holding a supervisory or leadership position in that industry.

Mode of Delivery:

All students would attend a 2 day induction training at IT Sligo, where they would meet their fellow classmates and lecturers. They would receive training on the Virtual Learning Environment software, Moodle, and have their first introductory lecture on each module. The theoretical aspects of the modules would be delivered using existing On-Line Distance Learning systems currently employed by IT Sligo. Attendance in IT Sligo is normally 2 days per semester.

Entry requirements:

Leaving Certificate or equivalent with a minimum of 5 years relevant experience in a supervisory or leadership role in industry, in order to gain the Credits for Module 1 (Work Experience Portfolio).

Modules (Credits awarded)

Year 1

Mathematics (10 Credits)

On-line Learning Skills (5 Credits)

Engineering Materials (5 Credits)

Quality and Production Techniques (10 Credits)

Year 2

CIM & Automation Technology (10 Credits)

Engineering Science (5 Credits)

Supervisory Management (5 Credits)

Management and Entrepreneurship (5 Credits)

Duration: 2 Years

Fees: €650 per 5 Credit Module

€1,300 per 10 Credit Module

€3,700 per year

Programme Coordinator: Declan Sheridan

Tel: 071 9155488 Email: odl@itsligo.ie

FURTHER INFORMATION:





B ENG IN MECHATRONICS

LEVEL 7

Programme Code: SG_EAUTO_D

Description:

The programme leads to a Bachelor of Engineering in Mechatronics, offering the possibility of progression to an Honours Degree and Post Graduate qualifications.

Eligibility requirements:

Level 6 (Higher Certificate – formerly National Certificate) qualification in relevant discipline or equivalent. Holders of National Craft Certificate, or Advanced Craft Certificate in an appropriate discipline and with adequate relevant industrial experience may also qualify for entry to the course. For those who do not have the required equivalent qualifications a qualifier programme is available.

Modules: (credits awarded)

(Candidates for the full award must take all of these required modules)

Year 1

- Advanced Manufacturing Technology (5)
- CIM & Automation Technology 2 (5)
- Project Management (5)
- SCADA (5)
- · Quality Management Systems (5)

Year 2

- Data Communications & Interfacing (10)
- Control Systems (10)
- Mathematics 3 (5)
- Project 3 (10)

Programme co-ordinator: Tom O'Callaghan

Tel: 071 9155488 Email: odl@itsligo.ie

Fees: €700 per 5 Credit Module

€1,400 per 10 Credit Module

€3,800 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:

Taraneh Mosadegh Tel: 071 9155441 Email: odl@itsligo.ie



B ENG (HONS) IN MECHATRONICS

LEVEL 8

Programme Code: SG_EMETRN_L8

About this programme:

Mechatronics is a combination of mechanical engineering ("mecha" for mechanisms, i.e., machines that 'move'), electronic engineering ("tronics" for electronics), and software engineering. The purpose of this engineering field is the study of automation from an engineering perspective and serves

the purposes of controlling advanced hybrid systems.

Mechatronics is cantered on mechanics, electronics and computing which, combined, make possible the generation of simpler, more economical, reliable and versatile systems.

Mechatronics may alternatively be referred to as "electromechanical systems" or less often as "control and automation engineering".

Career Opportunities:

Mechatronics in the last 5 years has grown significantly across Europe. Employment levels are and likely to be the norm in the coming decade. Graduates with a good

grounding and understanding in this field can look to a bright and challenging career. In an era where it is necessary for manufacturing industry to be located in less expensive Environments, the advanced technical communication techniques and skilled workforce created with this Level 7 programme would allow such manufacturing industry to be controlled in Ireland, keeping the high skilled jobs in Ireland despite the migration of unskilled jobs to other countries.

Eligibility requirements:

Level 7 (Ordinary degree - formerly National Diploma) qualification in relevant discipline or equivalent.

Modules: (credits awarded)

Candidates for the full award must take all of these required modules

Year 1

- Control Systems Analysis and Design (10)
- Power Electronics and Drives (10)
- Mathematics (5)

Year 2

- Industrial Networks (10)
- Energy and Utilities Management (5)
- Operations Management (5)
- Project 4 Mechatronics (15)

Programme co-ordinator: John Hession

Tel: 071 9155231 Email: odl@itsligo.ie

Fees: €900 per 5 Credit Module

€1,800 per 10 Credit Module €2,700 per 15 Credit Module

€4,900 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:



B ENG. IN POLYMER PROCESSING

LEVEL 7

Programme Code: TBA

About this programme

This programme, leading to the award of a

Bachelor of Engineering in

Polymer Processing, will be delivered over two years, parttime, by On-Line Distance Learning, using current on-line delivery techniques, in which IT Sligo is a leader in its field.

Entry requirements:

Applicants must hold a Level 6 qualification in Engineering, i.e. a National Certificate or Higher Certificate in an appropriate engineering discipline, or a National Craft Certificate or Advanced Craft Certificate in an appropriate discipline, with adequate industrial experience, or an equivalent qualification.

Progression

Graduates of this programme may progress to a Level 8 BEng (Honours) in Mechanical Engineering or a BEng (Honours) in Mechatronics in IT Sligo, or to relevant Level 8 programmes at other institutions.

Proposed Modules (and Proposed Credits)

It is proposed to deliver this programme over two Academic Years with delivery of 5 five-credit modules over the first Academic Year and delivery of 5 five-credit modules and the Project over the second Academic Year.

Year 1

- CIM and Automation Technology (5)
- Computer-Aided Design and Modelling (5)
- Energy and Utilities Management (5)
- Validation (5)
- Mathematics (5)

Year 2

- Materials for the Polymer Industry (5)
- Medical Device Manufacturing (5)
- Polymer Processing (5)
- Polymer Tooling: Design and Manufacture (5)
- Project Management (5)
- Project (10)

Fees: €700 per 5 Credit Module

€1,400 per 10 Credit Module

€3,800 per year

FOR MORE DETAILS SEE: www.itsligo.ie/online

Programme Co-ordinator: Donal Lyons

Tel: 071 9155214 Email: odl@itsligo.ie

FURTHER INFORMATION:

Taraneh Mosadegh Tel: 071 9155441 Email: odl@itsligo.ie

B ENG. IN ELECTONIC ENGINEERING

LEVEL 7

PROGRAMME

Programme Code: SG_EELPR_D

About this programme:

This B. Eng. in Electronic Engineering level 7 is mainly focused on Embedded Systems,

looking at hardware and software associated with microprocessors / microcontrollers. Students are also encouraged to investigate projects with audio-visual applications.

Career Opportunities:

It is envisaged that graduates will be employed in the design, manufacture or test of Embedded Systems. It is also an ideal stepping stone to further Level 8 and 9 Qualifications in Electronic Engineering, which can also be obtained at IT.Sligo.

Eligibility requirements:

This B. Eng. in Electronics NQAI level 7 (previously National Diploma) is open to those who currently hold a Higher Certificate NQAI level 6 (Previously called National Cert) in Electronic Engineering. Those holding other related Certificates may be eligible and those candidates should contact the college for more information. For those who do not have the required equivalent qualifications a qualifier programme is available.

Modules (credits awarded)

September 2009

- Data Communications (5)
- Digital Signal Processing (10)
- Embedded Systems (10)
- Mathematics (5)

September 2010

- Quality Management Systems (5)
- Project Electronic Engineering (10)
- Project Management (5)
- System Integration and Test / PCB's (10)

Fees: €700 per 5 Credit Module €1,400 per 10 Credit Module

€3,800 per year

FOR MORE DETAILS SEE: www.itsligo.ie/online

Programme Co-ordinator: Fergal Henry

Tel: 071 9155258 Email: odl@itsligo.ie

FURTHER INFORMATION:

Taraneh Mosadegh Tel: 071 9155441 Email: odl@itsligo.ie

Apply online:

WWW.itsligo.ie

B ENG. (HONS) IN ELECTRONIC ENGINEERING

LEVEL 8

Programme Code: SG_ETRON_L8

About this programme:

This programme is designed as an add-on year to an ab-initio Level 7 Bachelor of Engineering Degree in Electronic Engineering. The Level 7 degree covers the fundamentals of embedded systems hardware and software and is primarily based around the use of an 8-bit microcontroller e.g. 8051. However some specialist topics include Digital Technology, Audio and Image Processing and Digital Signal Processing. Students on this follow-on Level 8 programme will investigate further platforms for embedded systems such as a 32-bit RISC processor (e.g. ARM), DSP, FPGA and Configurable System on Chip. It is envisaged that students will use one of these platforms to complete an advanced embedded systems project. This project may incorporate the use of a Real Time Operating System. Given the theme of the programme, some level of audio or image processing may also be carried out. Most of the technical Modules require a high level of software/programming. Knowledge of C-programming is very desirable. However it may be possible to work around this.

Aims and Objectives:

- The specific objectives of the programme are that graduating engineers will:
- Develop skills in the specification, design, development and testing of Embedded Systems in electronic products, especially those with Audio Visual applications.
- · Be familiar with the architecture of a 32-bit
- RISC processor and have a working knowledge of the associated tools in a Development
- System for such a processor.
- · Use DSP to perform audio or image processing.
- Configure a System on Chip. Configure and program a FPGA.
- Carry out programming tasks associated with
- Operating Systems.
- Explore the rapidly developing field of Nanotechnology with specific emphasis on its applications in Electronic Engineering.
- Achieve a comprehensive grounding in the engineering, physical and mathematical sciences appropriate to Electronic Engineering.
- Have an ability to work effectively as part of multifunctional project teams.
- Demonstrate an understanding of the management of engineering activities.
- Attain the ability to undertake life-long professional learning.

Career Opportunities:

The B.Eng (Hons) programme is ideal for those candidates aspiring to consolidate their career as professional Engineers in the field of Electronic Engineering. It will allow Electronics technicians working in industry to progress to Electronic Engineers. It will also allow graduates to progress to research and development in Electronic Engineering.

Eligibility requirements:

To be eligible, candidates will need a merit in a Level 7 programme in Electronic Engineering or equivalent.

Alternatively relevant industrial experience may be considered if a merit has not been attained.

Modules (credits awarded)

Year 1:

- Advanced Embedded Systems (10)
- Operations Management (5)
- Programmable Logic Technology (5)
- Project Electronic Engineering (10)

Year 2:

- Digital Signal Processing (10)
- Mathematics (5 Credits)
- Nanotechnology and Electronics (5)
- Operating Systems Programming (10)

Programme co-ordinator: Sean Mullery

Tel: 071 9155258 Email: odl@itsligo.ie

Fees: €900 per 5 Credit Module

€1,800 per 10 Credit Module

€4,900 per year

FOR MORE DETAILS SEE: www.itsligo.ie/online

FURTHER INFORMATION:





B.SC. IN CONSTRUCTION MANAGEMENT LEVEL 7

Programme Code: SG_CMGMT_L7

The B.Sc. in Construction Management is a degree programme offered via on-line distance learning over a period of 2 years part time. The programme is specifically designed to facilitate qualified carpentry and joinery craft persons with merit. In the event of places still available, qualified carpentry and joinery craft persons with a pass and work experience or other candidates may be considered subject to interview.

Programme Structure:

The on-line programme is offered over 2 years from September to May with lectures being delivered on-line over the internet. Participants will have a formal assessment at the end of each module which will normally require attendance for exam(s) at IT Sligo. We also normally provide exam centres in Dublin and Cork.

Eligibility requirements:

Applicants who hold a Merit level Carpentry and Joinery Senior Craft Certificate or equivalent and two years relevant experience are eligible to apply. Applicants who hold a Higher Certificate Level 6 (formerly National Certificate) in a suitable area are also eligible. Programme Co-ordinator: Mr. Gavin Clinch

Tel: 071 9155257 Email: odl@itsligo.ie

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

Fees: €700 per 5 Credit Module

€1,400 per 10 Credit Module

€3,800 per year

FURTHER INFORMATION: Taraneh Mosadegh

Tel: 071 9155441 Email: odl@itsligo.ie

MODULE TITLE	Credits	MARKS ALLOCATION							
		CONTINUOUS ASSESSMENT	PROJECT	EXAM	TOTAL				
YEAR 1	•		'		!				
Construction Technology	10	30	20	50	100				
Drawing & CAD	5	25	50	25	100				
Measurement & Costing	10	20	30	50	100				
Site Surveying	5	40	20	40	100				
TOTAL	30								
YEAR 2									
Building Services	5	20	50	30	100				
Building Surveying	5	30	20	50	100				
Contract Administration	10	30	70	100					
Project Planning	10	20	30	50	100				
TOTAL	30								

Note: In-house contact hours do not include in-house examinations. An additional 12 hours per week of self-directed learning will be required.

Self-Directed Learning: 12 Hours/Week (Indicative)





B.SC. IN MANUFACTURING MANAGEMENT LEVEL 7

Programme Code: SG_EMMGMT_L7

About this programme:

The B.Sc. in Manufacturing Management is a degree programme offered via on-line distance learning over a period of 2 years part time. The degree aims to deliver a broadly-based programme with lecturers from the schools of Engineering and Business & Humanities at IT Sligo. The programme is suited to a variety of industry sectors including: Manufacturing, Medical Devices, Pharmaceutical, Food Processing and Services. It is intended to prepare graduates for positions in front-line management. A graduate from this programme will have the necessary technical and business skills to manage a group of employees in a modern business. By combining Operations and Project Management with Quality, Finance and Leadership Skills, the graduate is ideally equipped to take up positions as team leader or department manager in a manufacturing or service environment.

Assessment

Participants will have a formal assessment at the end of each semester which will normally require attendance for exam(s) at IT Sligo. We also normally provide exam centres in Dublin and Cork. Over the four semesters, participants will take the following modules.

Modules (credits awarded)

Sep 2009 - Dec 2009, Semester One

- Organisational Behaviour (10)
- Accounting & Finance (5)
- Six Sigma Quality Tools (5)
- Work Based Project (5)

Jan 2010 - May 2010, Semester Two

- Organisational Behaviour (continued)
- Accounting & Finance (continued)
- Interpersonal & Leadership Skills (5)
- Work Based Project (continued)

Sep 2010 - Dec 2008, Semester One

- Operations Management (10)
- Contemporary Management (10)
- Project Management (5)

Jan 2011 - May 2009, Semester Two

- Operations Management (continued)
- · Contemporary Management (continued)
- Quality Management Systems (5)

Eligibility requirements:

Applicants will be expected to hold a Level 6 National / Higher Certificate in Business, Science, Engineering or equivalent. For those who do not have the required equivalent qualifications a Level 6 HC in Supervisory Management & Technology is available. If you have qualifications from outside Ireland or do not meet the normal eligibility requirements check our FAQ page (www.itsligo.ie/online) for further information.

Programme co-ordinator: Brian Coll

Tel: 071 9155489 Email: odl@itsligo.ie

Apply online:

WWW.itsligo.ie

Fees: €700 per 5 Credit Module €1,400 per 10 Credit Module

€3,800 per year

B.SC. IN QUALITY

LEVEL 7

Programme Code: SG_TQUAL_D

About this programme:

This on-line programme is aimed at those already working in a quality-related function, or aspiring to do so. The programme covers the scientific and management principles necessary for the achievement of customer satisfaction in a way that makes an enterprise competitive. The tools and techniques necessary to implement LEAN and SIX SIGMA programmes are included as well as modules on the statistical, management and communications aspects of quality. These principles, tools and techniques also have wide application outside the quality function.

Career Opportunities:

The B.Sc. in Quality provides a path to professional development. The most obvious first position for new graduates is Quality Technician or Engineer. Many graduates go on to become quality managers, or pursue specialist careers within the Quality Profession, for example vendor engineer, validation specialist or quality systems manager. They may also branch out into related areas in their organisation such as production management, supply chain management or marketing.

Eligibility requirements:

Level 6 (Higher Certificate – formerly National Certificate) qualification in relevant discipline or equivalent. For those who do not have the required equivalent qualifications a qualifier programme is available.

Modules (credits awarded)

Sep 2009 – Dec 2009, Semester One

- Verification and Calibration (5)
- Lean Management Techniques (5)
- Six Sigma Quality Tools (5)

Jan 2010 - May 2010, Semester Two

- Mathematics and Statistics (5)
- Applied Statistical Control (5)
- Applied Statistical Improvement (5)

Sep 2010 - Dec 2008, Semester One

- Applied Excel Programming (5)
- Human Relations and Personal Development (5)
- Project Management (5)

Jan 2011 - May 2009, Semester Two

- Quality Management Systems (5)
- Service Quality (5)
- Project 3 Quality (5)

Programme co-ordinator: Paul Curran

Tel: 071 9155276 Email: odl@itsligo.ie

Fees: €700 per 5 Credit Module

€3,800 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:



HIGHER DIPLOMA IN SCIENCE IN QUALITY

LEVEL 8

Programme Code SG_TQUAL-DL8

We offer two identical programmes at level 8 in Quality:

- 1. BSc [Hons] Quality Management and Technology.
- 2. Higher Diploma in Science in Quality.

Depending on a student's previous qualification a BSc or HDip award may be more appropriate. An example would be a student who already holds a level 8 BSc.

About the programmes:

These on-line programmes are designed for those already working in a quality related function or aspiring to progress a career in quality or performance improvement. It covers a broad spectrum of modern quality management techniques and methods. These range from the holistic approaches of total quality management to the detailed approaches used in process control and statistical methods. The human and the operational aspects of change management are also addressed. In the final semester the student completes a library-based research project under the direction of an individual tutor.

Graduates have the opportunity to attain high competency levels in the application of the latest tools and methods for optimising performance, productivity and competitiveness in modern organisations of all types.

Career Opportunities:

These level 8 Quality programmes provide a platform for those already experienced or trained in quality management approaches to further their careers. This could include progression to more senior positions in management, either in Quality or in a position relating to organisational performance improvement. It should also open possibilities in specialist careers within the Quality Profession, for example as Process Improvement Engineer, Validation Manager or Quality Systems Manager. They may also branch out into related areas in their organisation such as Project Management Process improvement, Production Management or Supply Chain Management.

Further study opportunities:

Graduates from this programme are eligible to apply for Level 9 Masters programmes, such as the on-line MSc in Quality at IT Sligo.

Eligibility requirements:

These programmes are designed primarily for those who already hold a level 7 qualification in Engineering, Science or Business. If you think that you have a suitable qualification that does not fit this profile you should contact us to discuss your eligibility.

Modules:

The various subjects/modules covered are listed in Table 1. All modules have an equal Credit rating of 5. On-line students take twelve modules [60 Credits] over a two-year period which equates to three to four modules per semester. All students take Statistics in the first semester of enrolment as well as the other modules being offered at the time. The anticipated rollout of modules is given in Table 2.

Table 1: Subjects/Modules on BSc and HDip level 8 Quality programmes
Mandatory Modules

MANAGING PEOPLE
STATISTICS
TOTAL QUALITY MANAGEMENT
STATISTICAL PROCESS CONTROL
STANDARDS AND COMPLIANCE MANAGEMENT
OPERATIONS MANAGEMENT
VALIDATION
RELIABILITY AND RISK MANAGEMENT
EXPERIMENTAL DESIGN
FINAL YEAR PROJECT - in final semester of the course.

Elective Modules (Candidates take any two offered)
VERIFICATION AND CALIBRATION
ENVIRONMENT AND HEALTH & SAFETY

SOFTWARE DEVELOPMENT AND QUALITY

MANAGEMENT

SERVICE QUALITY

MEASUREMENT SYSTEMS





Table 2: Anticipated Module rollout for level 8 programmes.

Each intake year takes SEPT modules	Statistics <u>Must</u> be taken 1st semester	Total Quality Management	Validation	Verification and Calibration	Managing people	Statistical Process Control	Standards and Compliance Mgt	Service Quality	Operations management.	Reliability & Risk Mgt	Experimental Design	Project For final year only
2008	SEPT								SEPT	SEPT		XXX
2009	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX
2010	SEPT				JAN	JAN	JAN		SEPT	SEPT		XXX
2011	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX
2012	SEPT				JAN	JAN	JAN		SEPT	SEPT		XXX
2013	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX

Fees: €900 per 5 Credit Module

€1,800 per 10 Credit Module €2,700 per 15 Credit Module

€4,900 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

Programme co-ordinator: Bob Kennedy

Tel: 071 9155265 Email: odl@itsligo.ie FURTHER INFORMATION: Taraneh Mosadegh Tel: 071 9155441

Email: odl@itsligo.ie





B.SC. (HONS) IN QUALITY MANAGEMENT AND TECHNOLOGY

LEVEL 8

Programme Code SG_EMMGMT-DL8

We offer two identical programmes at level 8 in Quality:

- 1. BSc (Hons) Quality Management and Technology.
- 2. Higher Diploma in Science in Quality.

Depending on a students previous qualification a BSc or HDip award may be more appropriate. An example would be a student who already holds a Level 8 BSc.

About the programmes:

These on-line programmes are designed for those already working in a quality related function or aspiring to progress a career in quality or performance improvement. It covers a broad spectrum of modern quality management techniques and methods. These range from the holistic approaches of total quality management to the detailed approaches used in process control and statistical methods. The human and the operational aspects of change management are also addressed. In the final semester the student completes a library-based research project under the direction of an individual tutor.

Graduates have the opportunity to attain high competency levels in the application of the latest tools and methods for optimising performance, productivity and competitiveness in modern organisations of all types.

Career Opportunities:

These Level 8 Quality programmes provide a platform for those already experienced or trained in quality management approaches to further their careers. This could include progression to more senior positions in management, either in Quality or in a position relating to organisational performance improvement. It should also open possibilities in specialist careers within the Quality Profession, for example as Process Improvement Engineer, Validation Manager or Quality Systems Manager. They may also branch out into related areas in their organisation such as Project Management Process improvement, Production Management or Supply Chain Management.

Further study opportunities:

Graduates from this programme are eligible to apply for Level 9 Masters programmes, such as the on-line MSc in Quality at IT Sligo.

Eligibility requirements:

These programmes are designed primarily for those who already hold a level 7 qualification in Engineering, Science or Business. If you think that you have a suitable qualification that does not fit this profile you should contact us to discuss your eligibility.

Modules:

The various subjects/modules covered are listed in Table 1. All modules have an equal Credit rating of 5. On-line students take twelve modules [60 Credits] over a two-year period which equates to three to four modules per semester. All students take Statistics in the first semester of enrolment as well as the other modules being offered at the time. The anticipated rollout of modules is given in Table 2.

Quality programmes.
Mandatory Modules
MANAGING PEOPLE
STATISTICS
TOTAL QUALITY MANAGEMENT
STATISTICAL PROCESS CONTROL
STANDARDS AND COMPLIANCE MANAGEMENT
OPERATIONS MANAGEMENT
VALIDATION
RELIABILITY AND RISK MANAGEMENT
EXPERIMENTAL DESIGN

Table 1: Subjects/Medules on BSe and HDin level 9

Elective Modules (Candidates take any two offered)

FINAL YEAR PROJECT - in final semester of the course.

VERIFICATION AND CALIBRATION

ENVIRONMENT AND HEALTH & SAFETY MANAGEMENT

SERVICE QUALITY

SOFTWARE DEVELOPMENT AND QUALITY

MEASUREMENT SYSTEMS





Table 2: Anticipated Module rollout for level 8 programmes

Each intake year takes SEPT modules	Statistics <u>Must</u> be taken 1st semester	Total Quality Management	Validation	Verification and Calibration	Managing people	Statistical Process Control	Standards and Compliance Mgt	Service Quality	Operations management.	Reliability & Risk Mgt	Experimental Design	Project For final year only
2008	SEPT								SEPT	SEPT		XXX
2009	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX
2010	SEPT				JAN	JAN	JAN		SEPT	SEPT		XXX
2011	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX
2012	SEPT				JAN	JAN	JAN		SEPT	SEPT		XXX
2013	SEPT	SEPT	SEPT	SEPT				JAN			JAN	XXX

Fees: €900 per 5 Credit Module

€1,800 per 10 Credit Module €2,700 per 15 Credit Module

€4,900 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

Joint Programme co-ordinator: Noeleen Grant Joint Programme co-ordinator: Bob Kennedy

Tel: 071 9155265 Email: odl@itsligo.ie FURTHER INFORMATION:





M.SC. QUALITY

LEVEL 9

Programme Code: SG_TQUAL_L9

About this programme:

The M.Sc. in Quality is designed for graduates who are currently in Quality Engineering/ Management positions within their respective companies and already have a detailed knowledge of the operational issues associated with quality management and quality technology. The emphasis is on developing their expertise as quality management professionals, providing them with the tools, methods, knowledge and skills necessary for leading the modern enterprise in the global environment where adaptability, flexibility, creativity and innovation are synonymous with the next generation Quality organisation. The necessary skills and competencies will be developed to allow graduates to move beyond the operational level and to facilitate the resolution of strategic issues such as the corporate quality strategy and its implementation in an international context. This programme will provide the students with the skills and tools necessary to meet the demands of the next generation employability allowing them to advocate and implement strategic and change management programmes and co-ordinate and manage these in a global environment.

Aims and Objectives:

The objectives of the programme are to ensure that graduates will:

- Possess a state-of-the-art knowledge of current practices and standards relating to quality.
- Enhance their ability to apply a significant range of professional skills, practices and techniques in management.
- Achieve an understanding of the nature of global competition, comparative performance and performance measurement.
- Develop skills to become leaders and innovators in the application of Quality principles and techniques.
- Develop as quality management professionals for senior roles in the service and manufacturing industry.

Career Opportunities:

The M.Sc. programme is ideal for those candidates aspiring to wishing to consolidate their career as Quality professionals or Quality Managers.

Eligibility requirements:

Participants must have one of the following academic qualifications:

- A 2nd class BSc Honours degree in Quality Management & Technology (Level 8) or equivalent.
- 2. A 2nd class Honours in the Higher Diploma in Quality Level 8 (IT Sligo) or equivalent.
- 2nd class Honours (Level 8) graduates who are currently in Quality Engineering/Management positions within their respective organisations, with a minimum of three years relevant experience. These candidates will be selected following interview.

Modules and Programme Organisation (credits awarded)

The M.Sc. programme has been available through on-line lectures as a two year rolling programme since September 2005.

Year A, Semester 1: September 2009- January 2010

- Strategic Management (5 Credits)
- Integrated Management Systems (5 Credits)

Year A, Semester 2: January 2010 - June 2010

- Value Stream Optimisation (5 Credits)
- Experimental Design (5 Credits)

Year B, Semester 1: September 2008 - January 2009

- Project Management (5 Credits)
- Transformational Change (5 Credits)

Year B, Semester 2: January 2009 - June 2009

- Research Methods (5 Credits)
- System Simulation Modelling and Analysis. (5 Credits)

The Research Thesis (20 Credits) is taken in the second year of the M.Sc. programme. Research Methods (5 Credits) will always be taken in the first year of the programme.

Programme co-ordinator: Dr. John Donovan

Tel: 071 9155231 Email: odl@itsligo.ie

Fees: €1,010 per 5 Credit Module

€2,030 per 10 Credit Module

€5,500 per year

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:





POST GRADUATE DIPLOMA IN ENERGY MANAGEMENT

LEVEL 9

Programme Code: SG_EPGDEM_LT

About this programme:

The aims of this programme are, firstly, to develop awareness and skills in the area

of energy management and conservation, the two main drivers being environmental and financial; and secondly, to enable the student to carry out energy audits of private dwellings, industrial and public sector buildings.

Career Opportunities:

Successful applicants may find career opportunities in the areas of energy management, facilities management, buildings energy ratings assessment. The qualification is also very relevant to professionals in the construction industry, including engineers, architects and interior architects.

Eligibility requirements:

The minimum entry requirements are: A 2nd class Honours degree Level 8 in a related discipline or equivalent. Other suitable applicants may be accepted on completion of an RPL process.

Modules (credits awarded)

September 2009

- Clean Energy Technologies (10)
- Business Management (5)

January 2010

- Energy and Environment (5)
- Energy Efficient Technologies (10)

September 2010

- Energy and the Built Environment (10)
- Energy Management (10)

January 2011

- · Energy and the Built Environment (continued)
- Energy Auditing(10)

Fees: €1,010 per 5 Credit Module

€2,030 per 10 Credit Module

€4,950 per year

Programme Co-ordinator: Conor Lawlor

Tel: 071 9155488 Email: odl@itsligo.ie

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:

Taraneh Mosadegh Tel: 071 9155441 Email: odl@itsligo.ie



M.SC. IN ENERGY MANAGEMENT

LEVEL 9

Programme Code: SG_EMSEM_L9

About this programme:

Candidates who have successfully completed the modules on the Post Graduate Diploma in Energy Management may choose to register for the Masters Dissertation for a further 30 Credits.

Having accumulated the full 90 Credits successful graduates will be awarded an MSc in Energy Management.

NOTE: Candidates cannot be conferred with a Post Graduate Diploma and an MSc, and they need to make a decision regarding progression to the MSc before completing the modules for the PgD.

Fees: €2560 for one semester (30 Credit Dissertation).

Programme Co-ordinator: Conor Lawlor

Tel: 071 9155488 Email: odl@itsligo.ie

FOR MORE DETAILS SEE: http://www.itsligo.ie/online/

FURTHER INFORMATION:



SIX SIGMA GREEN BELT (15 CREDITS)

LEVEL7

Programme Code: SG_ESXSIG_CE

The Six Sigma Green Belt programme is run over one semester. The programme comprises of three modules which are as follows:

PROGRAMME

Six Sigma I Introduction & Quality Tools Six Sigma II Applied Statistical Control Six Sigma III Work Based Project

The delivery of the six sigma modules I & II in parallel with the six sigma project allows the student to use the tools for a real life project thus gaining a better understanding of the six sigma methodology. This 'learning by doing' approach also allows for better integration of the tools into the students workplace.

Full details of each module are at the end of this page.

The three modules followed by the 1 day workshop cover the requirements of the Six Sigma Green Belt award. This flexible approach will allow for cost savings and participation at all levels within the organisation from supervisor and technician

Module	Credits	Duration		
Six Sigma I Introduction & Quality Tools	5	16 Weeks		
Six Sigma II Applied Statistical Control	5	16 Weeks		
Six Sigma III Work Based Project	5	16 Weeks (Min)		
Total (3 Modules) Green Belt	15	16 Weeks (Min)		

through to engineering and management level. For example, students could then take Six Sigma II and Six Sigma III.

Start Date: Sept 2009 - Dec 2009

Fees: €658 per Module

€1,974 for 3 Modules

Plus €200 External Six Sigma Green Belt Exam &

Workshop

Programme Co-ordinator: Brian Coll

Tel: 071 9155489 Email: odl@itsligo.ie

FURTHER INFORMATION: Taraneh Mosadegh Tel: 071 9155441

Tel: 071 9155441 Email: odl@itsligo.ie

SINGLE MODULE CERTIFICATE

Accredited Modules

Modules from full programmes can be taken individually without taking the full programme and without entry requirements, and Credits gained can be put towards full programmes if eligible.

Fees: Level 7 – 5 Credit Modules €700

Level 8 – 5 Credit Modules €900 Level 8 – 10 Credit Modules €1,800

FURTHER INFORMATION: Taraneh Mosadegh

Tel: 071 9155441 Email: odl@itsligo.ie







COMPUTING



HIGHER CERTIFICATE IN COMPUTING

LEVEL 6

Programme Code: SG_KCOMP_C

Description: This programme is designed for students who

wish to pursue a career in mainstream computing. The programme has a strong emphasis on the technology of computing and networking and on computer programming skills. A level of computer competence is required to participate in this programme and all applications will be assessed in order to determine their suitability for programme

participation.

Set 1 Modules: 2009

Telecommunications Digital Media Programming 2 Project Internet Security Server Management

Set 1 Modules: 2010

Computer Systems
Programming 1
Project Management
Network Systems
Introduction to Database Management
Web Page Design

It will also be necessary to complete a project over the summer period for the 2 years.

The modules offered in any particular year are

subject to change.

Delivery: Mon. & Wed. 6.00pm – 10.00pm

Duration: 2 Years by ACCS mode – 25 weeks per year

taught element. Year 2 plus 15 weeks project work. Graduation after 2 calendar years.

Fee: €375 per 10 Credit Module

€2,250 per year

FURTHER INFORMATION:
School of Business and Humanities





COMPUTING

CISCO CERTIFIED NETWORK ASSOCIATE (EXAM 640-801 CCNA)

Overview:

The Cisco Certified Network Associate (CCNA) Exploration curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. It is based on a top-down approach to networking that is popular in many colleges and universities. This programme emphasises theoretical concepts and practical application, while providing opportunities for students to gain the skills and hands-on experience needed to design, install, operate, and maintain networks in small-to-medium businesses, as well as enterprise and service provider environments. CCNA Exploration offers indepth theory, challenging labs, and a detailed overview of protocol operations. CCNA Exploration programmes include embedded e-doing, which enables students to complete interactive activities that stimulate learning and improve knowledge retention. E-doing involves rich multimedia, including Flash-based activities, videos, and interactive quizzes, that address a variety of learning styles, increase comprehension, and provide a rich learning experience. All CCNA Exploration programmes include complex and challenging hands-on labs to help students develop critical thinking, problem solving, and collaboration skills, as well as practical knowledge.

Programme Description:

The CCNA Exploration curriculum is composed of four modules:

1 - Network Fundamentals

- Use network protocol models to explain the layers of communications in data networks
- Design, calculate, and apply subnet masks and addresses
- Build a simple Ethernet network using routers and switches
- Employ basic cabling and network designs to connect devices
- Use Cisco CLI commands to perform basic router and switch configuration and verification
- Analyse the operations and feature of the transport and network layer protocols and services

2 - Routing Protocols and Concepts

- · Configure and verify router interfaces
- Demonstrate comprehensive RIPv1 configuration skills
- Design and implement a classless IP addressing scheme for a network
- Use advanced configuration commands with routers implementing EIGRP
- Apply the basic RIPv2 configuration commands and evaluate RIPv2 classless routing updates
- Identify the characteristics of distance vector routing protocols

Apply online: WWW.itsligo.ie

3 - LAN Switching and Wireless

- Troubleshoot common network problems at layers one, two, three and seven using a layered model approach
- · Interpret network diagrams
- Perform and verify initial switch configuration tasks including remote access management
- Configure, verify, and troubleshoot VLANs, interVLAN routing, VTP, trunking on Cisco switches, and RSTP operation
- Manage IOS configuration files
- Identify the basic parameters to configure a wireless network and common implementation issues

4 - Accessing the WAN

- Describe the impact of applications (Voice Over IP and Video Over IP) on a network
- Configure, verify, and troubleshoot DHCP and DNS operation on a router
- Verify, monitor, and troubleshoot ACLs in a network environment
- Configure and verify a basic WAN serial connection, a PPP connection between Cisco routers, and Frame Relay
- Configure and verify a PPP connection between Cisco routers, and Frame Relay on Cisco routers
- Troubleshoot WAN implementation issues

Network Fundamentals is the first module and it has no prerequisites. It is a prerequisite for the other three programmes. Routing Protocols and Concepts is the preferred second programme in the sequence.

Further information can be found on the Cisco web site: http://www.cisco.com/web/learning/netacad/programme_catalog / CCNAexploraion.html

Delivery: Wednesday evenings (18:30 to 22:00) with

additional labs on a number of Saturdays over the programme duration. This programme may be studied using distance learning technologies with assess to a qualified Cisco instructor in IT

Sligo.

Duration: 36 Weeks

Fee: €2,200

Programme Co-ordinator: Dr. Paul Flynn

Tel: 071 9155363 Email: odl@itsligo.ie

FURTHER INFORMATION: School of Business and Humanities

COMPUTING



CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)

The Cisco Certified Network Professional (CCNP) curriculum includes four modules, which align with the four exams required for CCNP certification. The CCNP curriculum builds on Cisco CCNA programmes with more complex network configurations, diagnosis, and troubleshooting. The curriculum is intended for those interested in continuing their post-CCNA preparation to become network administrators, Level 2 support engineers, Level 2 systems engineers, network technicians, or deployment engineers. Students interested in this programme should have completed CCNA 1-4, or the equivalents. CCNA certification is also desirable; however, it is not a prerequisite. The new CCNP programmes can be taken in any order. However it is recommended that students take Building Multilayer Switched Networks before taking Optimising Converged Networks. The four modules are as follows:

Module 1: Building Scalable Networks

- · Explain routing in the enterprise network
- · Implement and verify multicast forwarding using PIM
- Implement IPv6 in an enterprise network
- Implement and verify EIGRP operations
- · Build a scalable multi-area network with OSPF

Certification Exam: BSCI v3.0, Routing Protocols at Campus Edge, and 642-901

Module 2: Implementing Secure Converged Wide-Area Networks

- Implement secure broadband connections for teleworkers
- Describe Cisco network architecture alignment with connectivity requirements
- Describe MPLS conceptual model data and control planes
- · Describe and configure a site-to-site IPSec VPN
- Describe and configure Cisco device hardening strategies to mitigate network attacks

Certification Exam: ISCW v1.0 and 642-825

Module 3: Building Multilayer Switched Networks

- Define VLANS to segment network traffic
- Explain Cisco hierarchy network model for campus networks
- Implement Spanning Tree Protocol and implement and verify InterVLAN routing
- Design and implement security features
- Implement high-availability technologies and techniques
- Describe and configure wireless LAN access and switch to support voice

Certification Exam: BCMSN v3.0 exam and 642-812

Module 4: Optimising Converged Networks

- Describe the converged network requirements within Cisco conceptual network models, with a focus on wireless security
- Describe basic principles of VoIP network bandwidth requirements, VoIP packet encapsulation, and VoIp implementation
- Explain the need for QoS and the methods to implement QoS
- Explain the key IP QoS mechanisms used to implement the DiffServ Qos model
- Configure Cisco AutoQoS model
- Describe and configure wireless security and basic wireless management

Certification Exam: ONT and 642-845

Further information on Cisco website: http://www.cisco.com/web/learning/netacad/programme_catalog/ CCNP.html

Delivery: Wednesday evenings (18:30 to 22:00) with

additional labs on a number of Saturdays over the programme duration. This programme may be studied using distance learning technologies with assess to a qualified Cisco instructor in IT

Sligo.

Duration: 48 weeks

Fee: €1,000 per Module

Programme Co-ordinator: Dr. Paul Flynn

Tel: 071 9155363 Email: odl@itsligo.ie

FURTHER INFORMATION:

School of Business and Humanities







HIGHER CERTIFICATE IN ARTS IN ADVOCACY STUDIES

LEVEL 6

Programme Code: SG_HADVO_L6

Description: The Higher Certificate in Arts in Advocacy
Studies is offered by distance learning in 12
modules. The modules encompass a diverse
subject base reflecting key areas in advocacy
practice. Each module incorporates current
theoretical approaches and student centred
tasks which focus on regular engagement with
the learning. Therefore, the programme offers a
broad range of skills and core knowledge
underpinning effective advocacy practice.
Graduates of this programme have been

To obtain an accredited Higher Certificate, you must successfully complete all 12 modules.

employed in various statutory and voluntary

organisations in advocacy positions.

Programme Structure: A structured schedule (see below) offers students the opportunity to select up to three modules each semester. Distance learning elements will be supplemented by face to face learning in tutorials. Tutorials are delivered one Saturday a month for three months. Each Saturday will run from 9.30am-4.30pm and therefore include two tutorials of three hours' duration each. Each module requires about 115 hours of learning over 15 weeks in the form of self-directed learning and research. Students will be able to contact their tutors via email and

The programme is currently being delivered in Sligo and Dublin.

Schedule of Modules:

Year 1 - Sem 1

telephone.

Introduction to Advocacy Equality Studies Communications 1

Year 2 - Sem 1

Advocacy 2 Law 2 Advocacy Project/ Placement

Year 1 - Sem 2

Principles of Law Disability Studies Information Management

Year 2 - Sem 2

Ethics Communications 2 Social Administration

Fees: €375 per Module €2,250 per year

Note: Students should have access to the internet in order to satisfactorily participate in this programme. Students currently involved in an advocacy or information provider role – paid or voluntary – will be given preference in the application process.

FURTHER INFORMATION:

Programme Administrator: Niamh Doddy

Tel: 071 9137234 Email: odl@itsligo.ie

Programme Co-ordinator: Rose Banaghan Sesta

Email: odl@itsligo.ie

BA IN APPLIED SOCIAL STUDIES

LEVEL 7

Programme Code: SG_HSOCC_D

Description: The BA in Applied Social Studies degree has been designed so as to provide an interesting, relevant and student centred learning experience. The programme adopts a critical approach to the organisation and delivery of the Irish social care sector. It sets out to achieve these objectives by providing a caring, supportive and academically stimulating learning environment. The programme is officially recognised by all major social care

Executive (HSE). Graduates of the programme have secured employment with a myriad number of statutory and voluntary organisations.

sector employers including the Health Service

Programme Structure: The programme is taught on a parttime, flexible basis. What this amounts to in
practice is that participants attend the Institute
on two evenings per week, per semester. A
semester lasts approximately 13–15 weeks in
duration. Reflecting good teaching and learning
practices, undertaking the programme as a
lifelong learner ordains that participants gain the
award of BA in no less than 4 years. Candidates
who achieve the requisite degree classification
at this level may be considered for admission to
the BA (Hons) Applied Social Studies. Level 8
degree programme.

Weekly learning sessions normally commence at 6.00pm and conclude by 10.00pm.

Attendance at a number of Saturday workshops is also required. In addition to classroom based learning, students must also undertake two periods of supervised work placements.

Placements take place during semester 2 of stages 2 and 3 and amount to 390 hours per stage.

Programme Content The programme is composed of an exciting collection of applied social scientific disciplines including Professional Studies; Psychology; Sociology; Policy Studies (Social, Political and Economic issues); Creative Studies (Art and Drama); Communicative Studies; Computing





The following timetable for Stage 1- semester 1 and 2- illustrates the extent of the learning opportunities available to the student.

Stage 1 (Semester 1) September – January		
DAY	TIME	MODULES
Mon	6pm – 7pm	Personal Development Profiling (PDP)
Mon	7pm – 10pm	Professional Studies 1
Wed	7pm – 10pm	Introduction to Psychology
Sat	10am – 1pm	Communicative Behaviours
Sat	2pm – 5pm	Computer Applications
Stage 1 (Semester 2) January – June		
DAY	TIME	MODULES
Mon	6pm – 7pm	Personal Development Profiling (PDP)
Mon	7pm – 10pm	Creative Studies (Art)
		<u> </u>
Wed	7pm – 10pm	Introduction to Sociology
Wed Sat	7pm – 10pm 10am – 1pm	Introduction to Sociology Communicative Behaviours

Teaching and Learning Strategies:

Staff contributing to the programme recognise the wide spectrum of student learning needs. Accordingly, a broad combination of teaching methods are deployed including lectures, seminars, student led group activities, field trip visits and workshops.

It is expected that many students participating on the programme will already have varying degrees of knowledge of the social care sector and academic staff would wish to acknowledge this and build upon it as an important learning resource. Students will be encouraged to take responsibility for their own learning through the use of the Institute's learning facilities.

Assessment: A number of relevant and complementary assessment strategies will be used on the programme including examinations (seen, unseen, and open book), continuous assessment assignments such as presentations, simulations, case studies, essays, group work and projects.

Admission Requirements:

Applications are welcome from candidates who currently work in a social care setting and whose professional development and qualifications could benefit from undertaking our programme. Applications are also welcome from candidates with no formal qualifications but who can demonstrate their ability to complete the programme. Applicants coming within this category may be asked to attend a professional and academic development summer workshop where advice around identifying accredited prior learning (APL), work based learning (WBL) and/or accredited prior experimental learning (APEL) can be provided.

Candidates who can demonstrate that their previous learning and/or experience meets the learning outcomes of programme modules, are encouraged to seek exemptions in these.

Fees: €400 per 5 Credit Module

€2,250 per year

Programme co-ordinator: Dr. Chris Sparks

Tel: 071 9155262 Email: odl@itsligo.ie

FURTHER INFORMATION: School of Business and Humanities





BA (HONS) IN EARLY CHILDHOOD CARE AND EDUCATION

LEVEL 8

Programme Code: SG_HCHILD_L8

Programme Outline:

This programme aims to provide graduates with all the skills and competencies required in the provision of care and education services for young children.

The modules on the programme have been designed in adherence with the Model Framework for Education Training and Professional Development in the early Childhood Care and Education Sector.

Programme Content:

There are three major themes running throughout the programme. These are the child, the family and their society.

- Study all about the child, child development, working with children and supporting their development through play and activities.
- Study all about the psychology of the child, how children's psychology develops, the implications of certain behaviours and how adults can work with children to promote holistic health.
- Study all about the family, supporting the child in the family, understanding the family and working with families.
- Study all about the community and the wider society, working with children in the community, understanding the place of the child and family in society.

Each module is delivered via a weekly lecture and tutorial session where the group works to discuss the information and apply it to practical situations.

IT Sligo has a dedicated room with early childhood equipment and resources to promote students' learning.

Characteristics:

Students should be kind, caring people who love children and want to learn to understand them and how to work as adults to support their development. All students will be required to have Garda Clearance for placements.

Work Placements:

Students are required to undertake two relevant work placements. Each placement is of 13 weeks (390 Hours) duration or equivalent. These placements help you to broaden your experience of Early Childhood Care and Education and to develop particular skills and knowledge.

Placements are chosen in consultation with staff, bearing in mind the availability of suitable locations. A limited number of

placements may be available in other European countries and travel grants may be available to facilitate these. The placement is supervised by an experienced person, and the student must obtain a satisfactory report. Placements form a key element of the ECCE education.

Staff:

The ECCE programme is served by an experienced and dedicated staff, reflecting high levels of attainment and experience in the field. Staff are increasingly involved in research, in working with the community and in the provision of on-going training and development. A number have published articles and textbooks in their areas of expertise. As a result, the programme provided at the Institute of Technology, Sligo is informed by the most recent developments in the field and in the broader Irish Society.

Programme Structure:

Academic semesters are timetabled between 6 – 10pm on two evenings per week and 10am – 5pm on 12 Saturdays per year. Placements will require extra time in year 3 and year 4.

Possible Job Opportunities

- Direct work with children in Crèches, Preschools and other services
- Supervisory/Management positions in such services
- · Early Childhood Care
- Early Childhood Education
- Development positions in the community to establish services for children
- Support Worker positions to support providers of Early Childhood Services
- Quality Worker positions to support Early Childhood services to develop a higher quality of service

Programme Duration: 6 Years (12 Semesters)

Fees: €400 per 5 Credit Module

€2,250 per year

Programme Co-ordinator: Orla Walsh

Tel: 071 9155352 Email: odl@itsligo.ie

FURTHER INFORMATION:

School of Business and Humanities





INTRODUCTION TO WOMEN'S STUDIES

Programme Code: SG_HWOMEN_CE

Description: Programme Content

• Introduction to Women's Studies 1

Introduction to Feminist Theory

Women in Irish Society

· Research Methods

• Gender and Narrative

Women and Sexuality

• Representations of Women in Advertising

Women and Irish Law

• Women and Spirituality

Women making Images.

Duration: 13 weeks

Delivery: 7.00pm – 9.00pm one evening per week

Fee: €400

FURTHER INFORMATION:

School of Business and Humanities





FOR INFORMATION ON THIS SECTOR PLEASE CONTACT THE SCHOOL OF BUSINESS & HUMANITIES TELEPHONE (071) 915 5439 / 915 5252 / 913 7234 / 915 5249 EMAIL: odl@itsligo.ie

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MASTER OF SCIENCE IN MARKETING (ACCS)

LEVEL 9

Programme Code: SG_BMARK_L9

Description: The overall aim of the programme is to prepare participants for a career in marketing at senior executive or managerial level in the public and private sector. This will be achieved by developing their capacity to provide marketing insight and thought leadership in an organisation. Graduates over time will build the reputation of the profession and practice of marketing on the island of Ireland, internationally and globally. Successful graduate mapping and success milestones will become the currency of measurement. It is envisaged that the Graduate School for Marketing at the Institute of Technology, Sligo will be a springboard for setting and delivering standards.

> In delivering such a programme IT Sligo is responding to a regional and national need to nurture a highly qualified group of graduates capable of marketing organisations that contribute to the wealth-creating process of the economy in partnership with quality of life improvements. Thus this programme should contribute to balancing the economic, managerial and social constructs of marketing thought and action.

Entry req:

An honours degree (2.2) NQAI level 8 or equivalent professional qualification in a business related area or Higher Diploma in Business level 8. To be considered eligible for entry, candidates must normally have a background specialisation in marketing at undergraduate level. Typically, this would comprise a minimum of three specialist marketing modules at level 7 and or 8.

Non traditional applicants with accredited prior experiential learning (APEL). Consideration may be given to applicants with a minimum of 7 years relevant administrative/industrial experience.

The Programme Board will decide on the admission of students taking into account the above criteria.

PROGRAMME OUTLINE

Year 1 – Semester 1	Year 1 – Semester 2
Research Methods	Export Marketing Practice
Sales Practice	Contemporary Economics: A Marketing Perspective
Entrepreneurship & Financial Analysis	Service Innovation and Leadership
Year 2 – Semester 3	Year 2 – Semester 4
Brand Management	Contemporary Marketing
Marketing Ethics	Strategic Marketing
Dissertation	Dissertation

A series of workshops will also be held as part of the programme.

Delivery:

The programme will be delivered through a combination of interactive learning, case studies, guest lecturers, seminars and workshops. Pedagogically, a major emphasis will be placed on the requirement of students to self-direct their learning needs. While staff will act as facilitators, students will be encouraged to develop active learning groups (ALGs). This is intended to foster a group learning dynamic that will act as a significant student resource outside of formal scheduled teaching.

Staff will meet students twelve times per semester for two-hour sessions per module. Assessment will be based on a combination of continuous assessment and end-of semester examinations. Since the programme will commence September 2009 the end of semester examinations will take place (for the first intake of graduate) in January and May and the Dissertation will be submitted by the 1st June 2011 with graduation in November of that vear.

Please note to maximize flexibility in student learning, individuals can opt to take modules on a single module basis.

Duration: 2 Years

Fee: €3,500 per year

€600 per 5 Credit Module

Start date: September 2009

FURTHER INFORMATION: School of Business and Humanities

Tel: 071 915 5439 Email: odl@itsligo.ie





SINGLE MODULE CERTIFICATE IN ACTIVE **CITIZENSHIP (10 CREDITS)**

LEVEL 6

Module Aims:

This module aims to acknowledge supplementary work undertaken by the student within the community. This award will be given to the exceptional student who displays good interpersonal and networking skills and is in effect a good example of an active

citizen.

- Programme outline: Definitions, theory and practice of active citizenship
 - · Partnership and collaboration
 - Active citizenship and advocacy
 - The business of active citizenship
 - Contemporary issues in active citizenship

Entry requirements: AQA-including evidence of voluntary

FURTHER INFORMATION:

School of Business and Humanities Tel: 071 9155439 / 9155252

Email: odl@itsligo.ie

INTRODUCTION TO SIGN LANGUAGE

Programme Code: SG_SIGNL_CE

Description: The Introduction to Irish Sign Language is a

basic 10 week programme which allows one to have a general conversation with a deaf person whose first form of communication is Sign Language. Like any foreign language, Irish Sign

Language is unique in its own rights.

The programme outline is as follows:

- · familiarity with the alphabet
- numbers
- family
- colours
- basic conversation topics
- eve contact
- facial expressions
- body language
- deaf culture

Duration: 10 Weeks

Delivery: 7.00pm – 9.00pm one evening per week

Fee: €300

FURTHER INFORMATION:

School of Business and Humanities





BEGINNERS SPANISH

Programme Code: TBA

Description: The course is designed for those who have no

previous knowledge of the language and wish to learn to communicate in everyday situations (i.e. meeting/greeting people, finding your way around, eating out, booking accommodation,

asking for information).

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

Fee: €350

BEGINNERS FRENCH

Programme Code: SG_FRENCH_CE

Description: The course is designed for those who have no

previous knowledge of the language and wish to learn to communicate in everyday situations (i.e. meeting/greeting people, finding your way around, eating out, booking accommodation,

asking for information).

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

Fee: €350

POST-BEGINNERS SPANISH

Programme Code: TBA

Description: The course is designed for those who have

completed the 20 weeks of beginners Spanish, and for those who wish to refresh their basic knowledge of Spanish. It will reinforce and further develop vocabulary and structures encountered in Beginners Spanish, strengthen oral and aural skills, and develop reading and writing skills. There will be a strong cultural

dimension to the course.

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week - 7.00 - 9.00 pm.

Fee: €350

FURTHER INFORMATION:

School of Business and Humanities

Tel: 071 9155439 / 9155252 Email: odl@itsligo.ie

POST-BEGINNERS FRENCH

Programme Code: TBA

Description: The course is designed for those who have

completed the 20 weeks of beginners French, and for those who wish to refresh their basic knowledge of French. It will reinforce and further develop vocabulary and structures encountered in Beginners French, strengthen oral and aural skills, and develop reading and writing skills. There will be a strong cultural dimension to the

course.

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

Fee: €350





INTERMEDIATE FRENCH

Programme Code: TBA

Description: The course is intended for those who have a

good conversational level in French, or have completed the post-Beginners course. The aim of this course is to develop fluency and confidence in the use of the language by using authentic material (i.e. newspapers, magazines, internet/web sites, films and DVD's) and

increase cultural knowledge.

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Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

Fee: €350

FURTHER INFORMATION:

School of Business and Humanities

Tel: 071 9155439 / 9155252 Email: odl@itsligo.ie

BEGINNERS ITALIAN

Programme Code: SG_ITALIAN_CE

Description: The course is designed for those who have no

previous knowledge of the language and wish to learn to communicate in everyday situations (i.e. meeting/greeting people, finding your way around, eating out, booking accommodation,

asking for information).

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

Fee: €350

FURTHER INFORMATION:

School of Business and Humanities

Tel: 071 9155439 / 9155252 Email: odl@itsligo.ie

BEGINNERS GERMAN

Programme Code: TBA

Description: The course is designed for those who have no

previous knowledge of the language and wish to learn to communicate in everyday situations (i.e. meeting/greeting people, finding your way around, eating out, booking accommodation,

asking for information).

Start Date: September 2009

Duration: 20 Weeks

Delivery: 1 evening per week -7.00 - 9.00pm.

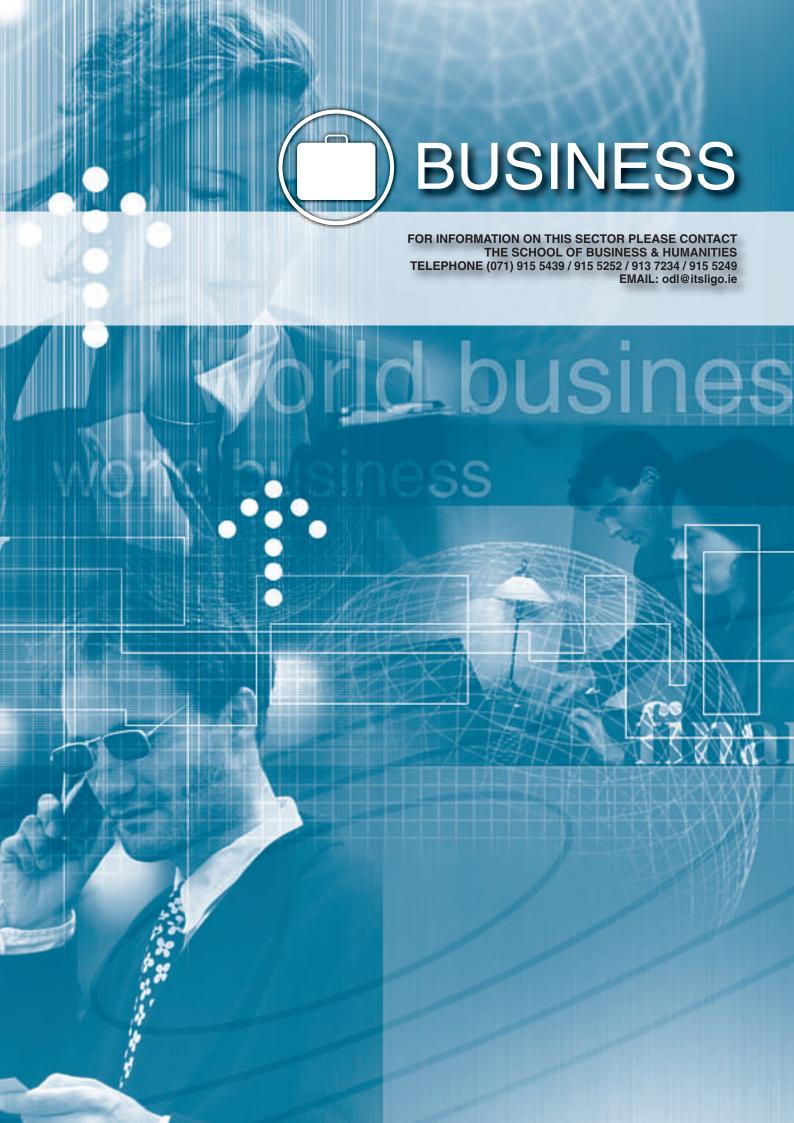
Fee: €350

FURTHER INFORMATION:

School of Business and Humanities







BUSINESS



HIGHER CERTIFICATE IN BUSINESS

LEVEL 6

Programme Code: SG_BGENE_CPT

From September 2009 this programme will be delivered as a face to face (Classroom) programme and will also be delivered as an on-line programme over the internet.

Description: This programme provides a qualification in general business and opens a range of job opportunities in the public and private sectors, as well as providing a foundation for people interested in running their own business or advancing to further study.

Set 1 Modules: 2009

Organisational Behaviour **Business Mathematics Business Law Economics**

Set 2 Modules: 2010

Introduction to Modern Business Mgt. / Mkt. 1 Communications and Interpersonal Skills Marketing Research & Enterprise

Development Management 2

Set 3 Modules: 2011

Computer Applications 1 Financial Accounting 1 Computer Applications 2 Management Accounting 1

5 subjects in Leaving Certificate at grade D **Entry Req:**

(Ordinary or Higher) including Mathematics and English or Irish. Entry may also be considered on the basis of special consideration, e.g.

maturity (over 23 years).

Duration: 3 Years by ACCS mode - 25 weeks per year

Mon. & Wed. 7.00pm - 10.00pm **Delivery:**

Fee: €375 per Module

€1,500 per year

FURTHER INFORMATION:

School of Business and Humanities

Tel: 071 9155439 / 9155252 Email: odl@itsligo.ie

BACHELOR OF BUSINESS IN MANAGEMENT APPLICATIONS LEVEL 7

Programme Code: SG_BMAPP_DPT

Description: This programme is available to people who

have already completed the National/Higher Certificate in Business Studies Level 6 and will provide students with practical skills to enhance their work effectiveness as well as providing for

academic advancement.

Modules

Semester 1

Human Resource Mgt. **Computer Applications** Accounting & Finance 1 Dissertation

Semester 2

Economics Computer Applications Contemporary Mgt. Dissertation

Duration: 1 Year by ACCS mode - 25 weeks

Delivery: Mon. Wed. & Thurs. 7.00pm - 10.00pm

Fee: €420 per module

€2,250 full programme in one year

FURTHER INFORMATION:

School of Business and Humanities





BACHELOR OF BUSINESS (HONS)

LEVEL 8

Programme Code: SG_BBUSS_BAO

Description: This programme is available to people who

have already completed a Bachelor of Business Level 7 (formerly entitled National Diploma in Business Studies). Entry to an add-on degree is based on an average ordinary Bachelor degree mark of 50% but note that post ordinary degree relevant work experience may now be taken into account. This degree is a specialised programme with a heavy emphasis on the academic aspects of business modules.

Set 1 Modules: 2009

Macroeconomic Studies Strategic Management Business Finance

Set 2 Modules: 2010

Human Resource Management Marketing Planning Service Marketing Management

Entry Req: An average grade of 50% from ordinary degree

(Level 7).

Duration: 2 Years by ACCS mode – 25 weeks per year

Delivery: Mon. & Wed. 7.00pm – 10.00pm

Fee: €470 per Module

FURTHER INFORMATION:

School of Business and Humanities

Tel: 071 9155439 / 9155252 Email: odl@itsligo.ie



LEVEL 8



Description: The Honours Degree in Business Administration

Online is a business degree which combines the traditional business modules such as Management and Finance with the practical skills and modules such as IT, Sales and Marketing which professionals need in today's business environment. This programme gives you an edge in terms of practical business skills. It was designed in consultation with businesses in the region and its content is very much a response to the question – "What skills do businesses need their employees to have today".

It is taught as a blended programme which means that lectures are delivered online and Ssupported by a number of workshops in the Institute. The programme is structured in such a way to facilitate people in employment who may not be able to commit to attending the Institute two evenings per week. The lectures can be viewed live (as they happen) or as a recording at a time that suits. Students simply need access to the internet, no special software is required.

Who is this programme for?

- Busy professionals who want a programme that fits around their schedule
- People employed who already have a qualification at Level 7 or equivalent on the National Framework of Qualifications and would like to add to that.
- People employed who may not have an educational qualification but have significant experience and would like to formalise this with a qualification.

Modules studied

- Business Information Systems (10 Credits)
- · Organisational Behaviour (10 Credits)
- Sales Management (10 Credits)
- Strategic Management (10 Credits)
- Business Finance (10 Credits)
- Management Support Systems (10 Credits)

Duration: 2 years part time.

Delivery: On-line/Distance Learning.

Fees: €750 per 10 Credit Module

€2,250 per year

FURTHER INFORMATION:

School of Business and Humanities



BUSINESS



MASTER OF BUSINESS ADMINISTRATION LEVEL 9

Programme Code: SG_BBADM_M

Description: The overall aim of the programme is to prepare participants for a career at senior management

level in the public and private sector. This will be achieved by developing their capacity to provide strategic leadership in an organisation. In delivering such a programme IT Sligo is responding to a regional need to nurture a highly qualified group of senior managers capable of managing organisations that contribute to the wealth-creating process of the

economy.

Entry Req: An honours degree (2.2) NQAI Level 8 or

equivalent professional qualification in a cognate area or Higher Diploma in Business

Level 8.

Non traditional applicants with accredited prior experiential learning (APEL). Consideration may be given to applicants with a minimum of 10 years relevant industrial experience

The Programme Board will decide on the admission of students taking into account the above criteria.

Year 1

Semester 1

Corporate Strategy Contemporary Marketing Financial Strategy Semester 2

Enterprise and Innovation Research Methods Sales & Export Managementt.

Year 2

Semester 3

Contemporary Economics Dissertation Leadership Learning and Development Semester 4

Dissertation
Business Ethics
Supply Chain Management

Delivery:

Staff will meet with students four times per semester for three-hour sessions per module. Examinations will take place in January and June of each year and the Dissertation will be

submitted by a specific date.

The programme will be delivered through a combination of lectures, case studies, guest

lecturers, seminars and workshops.

Assessment: Assessment will be based on a combination of

continuous assessment and end-of-semester examinations. Continuous assessment will involve a combination of assessment methods, including written assignments: analysis of case studies, and projects. For the purpose of continuous assessment, students will be required to work both individually and in

groups.

Duration: 2 Years

Fee: €500 Application Fee

(non refundable if accepted on programme)

€1,250 per 5 Credit Module

€7,500 per year

Start date: September, 2009

FURTHER INFORMATION:

School of Business and Humanities







CIPD CERTIFICATE IN PERSONNEL PRACTICE. SPECIAL PURPOSE AWARD (50 CREDITS) LEVEL 6

Programme Overview

This programme is designed as an introduction to the practice of personnel management. The programme content aims to provide an awareness of the context of personnel functions and the key issues which impact on personnel issues. In addition, the programme has been designed to develop core competencies and skills which will improve the practical performance of staff involved in HR-related areas of work. Completion of the programme leads to a Level 6 special purpose award (National Framework of Qualifications) and the award of Certificate in Personnel Practice from the Chartered Institute of Personnel and Development (CIPD) and Associate membership of the CIPD.

Who is the programme for?

- · Junior and Middle Managers
- · New recruits to the human resources function
- Staff who need a range of HRM skills to perform their job more effectively, e.g. production supervisors, secretaries, clerical assistants, office supervisors etc.

Programme Content

Four main subject areas will be covered. These are:

- · Human Resource Plans and Organisational Context
- · Recruitment and Selection
- · Training and Development
- Performance Management and Employee Relations

Entry Requirements

There are no specific academic requirements. The programme requires a good general standard of education such as Leaving Certificate and that the student has access to a place of work in order to complete work based projects. Student's suitability for the programme will be assessed by interview.

The CPP is a competence based qualification that requires you to complete:

- 4 work based or work related assignments, one for each module – two written (1,500 -2,000 words) and two skills based.
- Work based project (3,000 3,500 words)
- Learning Log

Delivery:

In 2008/2009 classes were held 2 evenings per week for a total of 28 weeks. The option of on-line, live lectures is being considered for the 2009/2010 intake to reduce the requirement to come to college every week. Attendance is required at two, one-day skills development workshops, one before the winter break and one after.

Apply online:

WWW.itsligo.ie

Duration: 1 Year

Start Date: September 2009

Fee: €1,600 per year

In addition, students are required to pay a subscription fee to gain associate membership of the Chartered Institute of Personnel and Development. This payment is made directly to

the CIPD.

Further Information

Should you require further information on the Certificate in Personnel Practice, please contact:

Programme Co-ordinator: Mary Gilmartin

Tel: 071 9155290 Email: odl@itsligo.ie

FURTHER INFORMATION:

School of Business and Humanities

BUSINESS



CÉIM STARTING YOUR OWN BUSINESS

Programme objective

CÉIM is a full-time business start-up programme delivered over twelve months in partnership with IT Sligo and Letterkenny Institute of Technology. It will assist entrepreneurs to establish and manage their own business.

Successful applicants will be able to avail of training, financial and other business supports, networking opportunities and incubation space. CÉIM is targeted at people with innovative business ideas (which have high commercial and export potential) who live or wish to relocate to the North West region.

CÉIM will consider applications from third level graduates.

What it provides to Entrepreneurs:

- · Training in all areas of business
- Grant aid from Enterprise Ireland or Udaras na Gaeltachta for eligible applicants
- Mentoring from experienced business advisors and practitioners relevant to participant's projects
- Office and other business incubation facilities at ITSBIC Sligo or LYIT BDC Letterkenny.
- Networking with other entrepreneurs and business development agencies
- Introduction to seed and early stage capital investment organisations.

Duration: 1 year

FURTHER INFORMATION AND APPLICATION CONTACT:

Janette Gillen ITSBIC Manager,

Institute of Technology, Ballinode, Sligo.

Tel: + 353 (0) 7191 55315 or Email: gillen.janette@itsligo.ie





While every effort is made to ensure the accuracy of information in this prospectus, the prospectus does not form any part of a contract between applicants or students and the Institute. The Institute of Technology, Sligo is not contractually liable for any damages direct or consequential which the applicant or student suffers as a result of error or of changes in arrangement for courses or transfer arrangements which may occur during, or subsequent to publication.

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