

# DEPARTMENT OF CIVIL ENGINEERING & CONSTRUCTION

The courses in the Department of Civil Engineering and Construction lead to a wide range of career opportunities in the construction industry – from civil engineers designing bridges, roads and structures; to quantity surveyors costing construction projects; building services engineers designing energy usage systems to construction technologists managing sites; fire safety engineers implementing fire safety technology to architectural technologists designing building details.

Professional accreditation is sought for all courses in the department. The BEng in Civil Engineering, BEng in Building Services & Renewable Energy and BSc (Hons) in Fire Safety Engineering have been accredited by Engineers Ireland. The Quantity Surveying Honours degree is accredited by the Society of Chartered Surveyors Ireland (SCSI) and the BSc in Architectural Technology is accredited by the Royal Institute of the Architects of Ireland (RIAI).

## Contact Us

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## CAO Course Listing

CAO Code	CAO Course Title
LY508	Bachelor of Engineering (Hons) in Fire Safety Engineering
LY518	Bachelor of Science (Hons) in Quantity Surveying
LY507	Bachelor of Science in Quantity Surveying
LY517	Bachelor of Engineering in Building Services & Renewable Energy
LY527	Bachelor of Engineering in Civil Engineering
LY547	Bachelor of Science in Architectural Technology
LY506	Higher Certificate in Science in Construction Technology with BIM

## Fire Safety Engineering

### Bachelor of Engineering (Hons) in Fire Safety Engineering

**National Framework:** Level 8

**CAO Code:** LY508

**Duration:** 4 years

**Number of Places:** 20

**Points in Recent Years:**



Year	Final	Median
2014	215	300
2015	220	320

### Is this course for you?

Fire safety engineering is a broad discipline which covers a wide range of areas such as, fire prevention, detection, escape, suppression and control. Whilst the concept of fire safety has been around for centuries this has largely been a 'rule of thumb' prescriptive regulatory approach. The aim of this four year programme is to deliver engineers who will have both the scientific and practical skills to undertake both prescriptive and performance based fire safety design. Students will initially take core modules in mathematics, fire science, fluids, thermodynamics, building services, construction technology and structural design along with general construction elements such as CAD, construction economics, land surveying and technical writing. The learner will then progress to fire safety subjects such as human behaviour, fire and reliability modelling, fire structural design and fire engineering techniques. The modules coupled with a work experience placement, projects and a dissertation will provide the graduate engineer from this course with a skill set unique to this country and in demand internationally.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Fire Safety Engineering Consultancy
- Local Authority – Fire Service, Planning
- Public Sector – Health, Prisons, Airports
- Architecture

### Graduate careers typically include:

- Fire Safety Engineer

### MINIMUM ENTRY REQUIREMENTS

Minimum Six O6/H7

Maths O6/H7

English or Irish O6/H7

At least two H5



## What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Construction & Fire Technology 1 (M)	10	Construction & Fire Technology 2 (M)	10
	Elementary CAD (M)	5	Building Services 1 (M)	5
	Mathematics 1 (M)	5	Mathematics 2 (M)	5
	Construction Science (M)	5	Engineering Science (M)	5
	Technical Writing & Communications Skills (M)	5	Land Surveying (M)	5
Year 2	Construction & Fire Technology 3 (M)	10	Fire Science (M)	10
	Mathematics 3 (M)	5	Mathematics 4 (M)	5
	Fluid & Thermodynamics 1 (M)	5	Fluid & Thermodynamics 2 (M)	5
	Structural Design & Materials (M)	5	Building Services 2 (M)	5
	Measurement & Construction Economics (M)	5	Site Organisation (M)	5
Year 3	Fire Dynamics (M)	10	Work Placement (M)	10
	Fire Safety Design (M)	10	Fire Protection Systems (M)	10
	Fire Service Operations (M)	5	Mathematics 6 (M)	5
	Mathematics 5 (M)	5	Fire Design Project (M)	5
Year 4	Structural Fire Engineering (M)	10	Applications of Fire Safety Engineering Principles (M)	10
	Fire Modelling & Reliability Engineering (M)	10	Dissertation (M)	10
	Construction Law & Professional Ethics (M)	5	Human Behaviour in Fire (M)	5
	Dissertation Proposal (M)	5	Fire Safety Management (M)	5

(M) = Mandatory

### Follow-on courses

- Masters degree (by research)
- Masters degrees in institutes and universities at home and abroad



## Quantity Surveying

### Bachelor of Science (Hons) in Quantity Surveying

**National Framework:** Level 8

**CAO Code:** LY518

**Duration:** 4 years

**Number of Places:** 24

**Points in Recent Years:**



Year	Final	Median
2014	N/A	N/A
2015	285	320

### Is this course for you?

This programme is designed for those who wish to work as professional quantity surveyors and economic managers in the construction industry. The qualification from this Honours Degree programme will enable graduates to commence the process of becoming a Chartered Surveyor. The Quantity Surveying profession is at the forefront of ensuring that property owners receive value for money for the life cycle of construction projects. This programme has been developed in collaboration with industry and includes a 12 month work placement for students in Year 3 of the programme. Quantity Surveyors are often acknowledged as the business managers of the construction industry. This programme encompasses all of these specific areas and more.

### Accreditation

LYIT has obtained partnership with the Society of Chartered Surveyors Ireland (SCSI). The course is accredited by SCSI and also recognised by the worldwide professional body, the Royal Institution of Chartered Surveyors (RICS) by reciprocal agreement.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Professional Quantity Surveying (PQS)
- Building Contracting
- Property Development
- Housing Associations
- Local & Central Government
- Manufacturing Industry
- Insurance & Loss Adjusting

### Graduate careers typically include:

- Quantity Surveyor

### MINIMUM ENTRY REQUIREMENTS

Minimum Six O6/H7

Maths O6/H7

English or Irish O6/H7

At least two H5



## What will I study?

	Semester 1	Credits	Semester 2	Credits
<b>Year 1</b>	Quantity Surveying Skills (M)	10	Measurement & Pre-Contract Cost Planning (M)	10
	Construction Technology 1 (M)	5	Construction Technology 2 (M)	5
	Mathematics 1 (M)	5	Land Surveying (M)	5
	Construction Science (M)	5	Building Services 1 (M)	5
	Technical Writing & Communication Skills (M)	5	Graphics Communications 2 (M)	5
<b>Year 2</b>	Measurement & Estimating 1 (M)	10	Economics (M)	10
	Tendering & Procurement (M)	5	Measurement & Estimating 2 (M)	5
	Construction Technology 3 (M)	5	Building Services 2 (M)	5
	Building Contract Law (M)	5	Site Organisation (M)	5
	Engineering Methods (M)	5	Measurement Project (M)	5
<b>Year 3</b>	Work Placement (M) ( <i>Active Learning Diary &amp; Professional Competencies</i> )			25
	Dissertation Research (M) ( <i>Dissertation Proposal &amp; Data Collection Report</i> )			10
	Management Practice in the Built Environment (M)			10
	Quantity Surveying Capstone Project (M)			15
<b>Year 4</b>	Measurement & Development Project 1 (M)	10	Measurement & Development Project 2 (M)	10
	Financial Management (M)	10	Dissertation (M)	10
	Construction Law & Professional Ethics (M)	5	Applied Contract Administration (M)	5
	Dissertation Proposal (M)	5	Financial Information for Decision Making in Construction (M)	5

(M) = Mandatory

### Follow-on courses

- Masters degrees in institutes and universities at home and abroad
- Professional Membership of the Society of Chartered Surveyors Ireland (SCSI)

## Quantity Surveying

### Bachelor of Science in Quantity Surveying

**National Framework:** Level 7

**CAO Code:** LY507

**Duration:** 3 years

**Number of Places:** 24

**Points in Recent Years:**

Year	Final	Median
2014	175	295
2015	160	285

### Is this course for you?

If you like the idea of being able to examine building drawings and know how much it would cost to make them a reality, then this course could be for you. Quantity surveyors estimate and manage the construction costs of building projects – they take building design drawings and decide how much of each material is needed, the costs involved, the project planning needed to get it off the ground and any tax or legal implications that may arise. This course teaches the practical measuring skills and the legal, financial and business knowledge needed for careers in this area.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Professional Quantity Surveying (PQS)
- Building Contracting
- Property Development
- Housing Associations
- Local & Central Government
- Manufacturing Industry
- Insurance & Loss Adjusting



### Graduate careers typically include:

- Quantity Surveying Technician

### MINIMUM ENTRY REQUIREMENTS

Minimum Points Score 160

Minimum Five O6/H7

English or Irish O6/H7

Maths O6/H7

## What will I study?

	Semester 1	Credits	Semester 2	Credits
<b>Year 1</b>	Quantity Surveying Skills 1 (M)	10	Measurement & Pre-Contract Cost Planning (M)	10
	Construction Technology 1 (M)	5	Construction Technology 2 (M)	5
	Mathematics 1 (M)	5	Land Surveying (M)	5
	Construction Science (M)	5	Building Services 1 (M)	5
	Technical Writing & Communication Skills (M)	5	Graphics Communications 2 (M)	5
<b>Year 2</b>	Measurement & Estimating 1 (M)	10	Economics (M)	10
	Tendering & Procurement (M)	5	Measurement & Estimating 2 (M)	5
	Construction Technology 3 (M)	5	Building Services 2 (M)	5
	Building Contract Law (M)	5	Site Organisation (M)	5
	Engineering Methods (M)	5	Measurement Project (M)	5
<b>Year 3</b>	Measurement & Building Economics 1 (M)	10	Measurement & Building Economics 2 (M)	10
	Financial Management (M)	10	Project Administration (M)	10
	Building Regeneration & Energy Performance (M)	5	Professional Practice (M)	5
	Research Methods & Techniques (M)	5	Research Project Proposal (M)	5

(M) = Mandatory





## Add-on Level 8 Course

## Bachelor of Science (Hons) in Quantity Surveying

### What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 4	Quantity Surveying Capstone Project (M)	15	Management Practice (M)	10
	Development Project 1 (M)	5	Development Project 2 (M)	5
	Construction Law & Professional Ethics (M)	5	Financial Information & Decision Making in Construction (M)	5
	Dissertation Proposal (M)	5	Dissertation (M)	10

(M) = Mandatory

### Follow-on courses

- Masters degrees at other institutes or universities
- Professional membership of the Society of Chartered Surveyors of Ireland (SCSI)

## Add-on Level 8 Course

## Bachelor of Science (Hons) in Sustainable Construction Management

### What will I study?

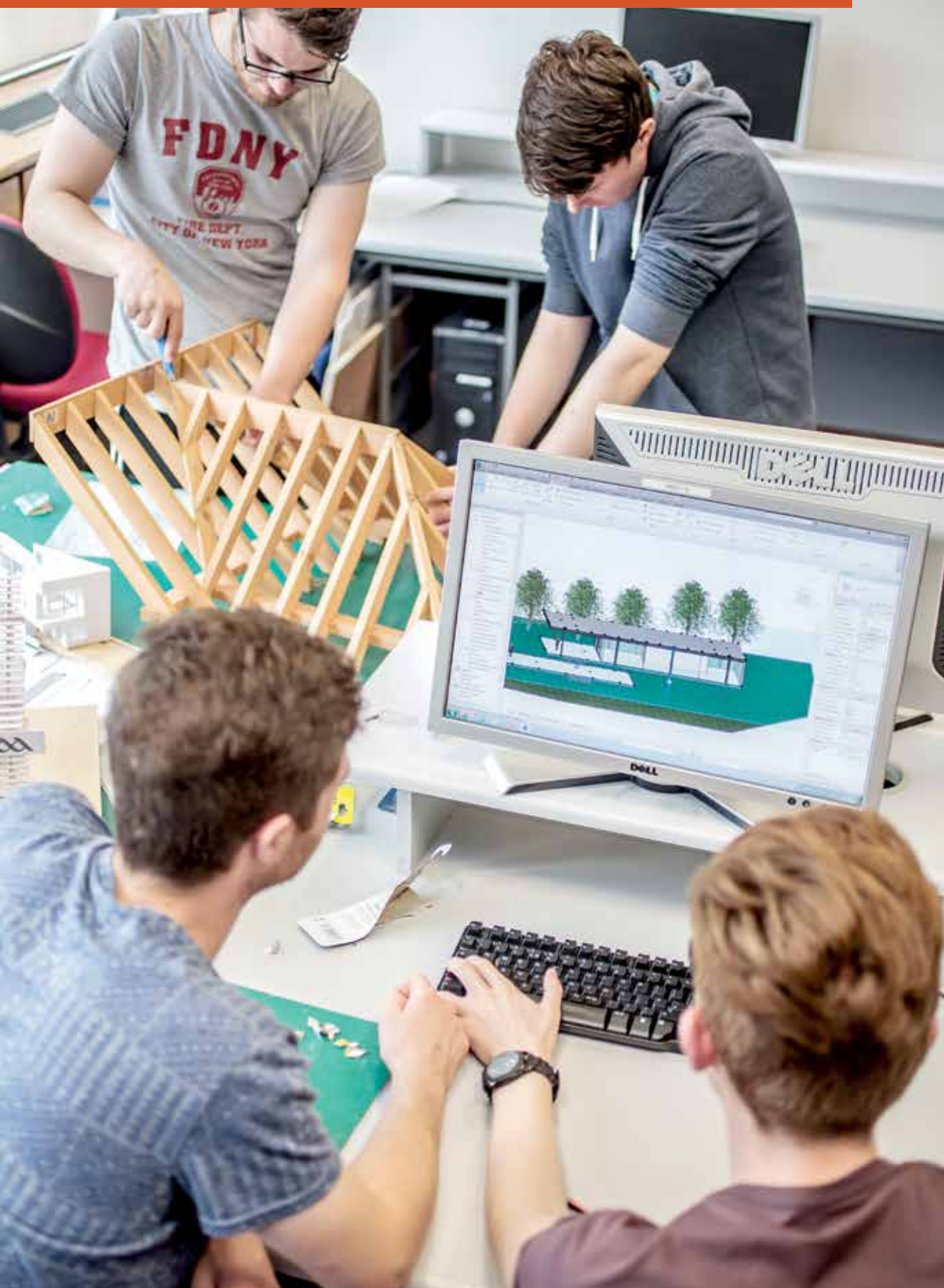
	Semester 1	Credits	Semester 2	Credits
Year 4	Construction Management 1 (M)	10	Construction Management 2 (M)	10
	Sustainable Construction Methods (M)	10	Dissertation (M)	10
	Construction Law & Professional Ethics (M)	5	Building Energy Management (M)	5
	Dissertation Proposal (M)	5	Financial Information & Decision Making Construction (M)	5

(M) = Mandatory

### Follow-on courses

- Masters degrees at other institutes or universities
- Professional membership of the Chartered Institute of Building (CIOB)

Graduates of LY507 may also apply for the add-on Level 8 course: Bachelor of Science (Hons) in Construction Contracts Management (See Page 135)



# Nuala McGlynn



NATIONAL  
STADIUM



SINGAPORE SPORTS HUB

National Diploma in Engineering in Civil Engineering Materials, LYIT (2001)

Vice President, Bidding, Estimating and Project Controls, Phoenix Solar, Singapore.

"LYIT gave me such confidence and belief that I could do anything I wanted even though it was unusual for women to work in Civil Engineering."

# Passport to the world

Join an International Society event at LYIT and you'll find yourself mingling with students from over 30 countries. Our extended family of graduates keep in touch with us from locations all around the globe too. After falling in love with civil engineering at LYIT, for instance, Nuala McGlynn is now based in Singapore and working throughout South East Asia.

Having cut her teeth on the Athletes Village at the London Olympics, Nuala pressed all the right buttons when she was chosen to work on Singapore's spectacular 58,000-seater National Stadium as a Deputy Production Manager.

Going out to Singapore in 2011, when the recession was impacting on the quality of construction projects in the UK and Ireland, Nuala found a very different scene. "Thanks to its booming economy Singapore is an engineer's dream with so many great projects happening," Nuala says. "There is so much scope for interesting work and this was an incredible opportunity."

Project Manager for one quarter of the stadium, Nuala was involved from the start of the three-year project, overseeing every aspect of construction from piling to installing M&E items like escalators and lifts. One of the many innovative features was the installation of a solar air conditioning plant in the open-air stadium. This groundbreaking technology involved building a watertight tank filled with plastic balls that contained a chemical which, when filtered with water, emits cool air. Clearly Nuala impressed, as she is now working for the company that powers the plant!

Nuala, who loves the lifestyle in Singapore, attributes a lot of her success to the solid foundations she gained at LYIT. "I think the most important part was the practical

hands-on knowledge I experienced doing my Higher Certificate and Diploma at LYIT," she says. "When I went on to take my Honours degree in Scotland, I found that students from institutes of technologies had a much better understanding of the practical side of civil engineering than the university students."

That understanding has helped her right the way through her career. "It means you are completely comfortable when you walk out on to a site," she says. "You know all about the materials, where they came from and what to do with them. I ended up being a project manager, where practical knowledge is crucial. I know what I am putting into the ground."

As far as she has travelled, Nuala hasn't forgotten home or the college that helped her translate her love of drawing into a flourishing career.

"When I got my chartership with the Institution of Civil Engineers," she says, "I emailed my old lecturers from LYIT and told them, 'I achieved this because of you'."

## Building Services & Renewable Energy

### Bachelor of Engineering in Building Services & Renewable Energy

**National Framework:** Level 7

**CAO Code:** LY517

**Duration:** 3 years

**Number of Places:** 24

**Points in Recent Years:**

Year	Final	Median
2014	N/A	N/A
2015	140	300

### Is this course for you?

Building Services and Renewable Energy is an advanced, rapidly growing specialist field of Engineering. The profession works across the whole spectrum of the construction industry including the design and installation of services systems, the manufacture of equipment and components, facilities management and maintenance. The programme was designed with the needs of modern building design in mind. It lays particular emphasis on the design of the building services of work and living space and on the environmental aspects of construction through concentration on the use of renewable energy and the Building Information Modelling (BIM) processes.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Building Services Consultancy
- Renewable Energy
- Facilities Management
- Energy Assessment & Auditing
- Building Contractors

### Graduate careers typically include:

- Building Services Engineer

### MINIMUM ENTRY REQUIREMENTS

Minimum Points Score 160

Minimum Five O6/H7

English or Irish O6/H7

Maths O6/H7



## What will I study?

	Semester 1	Credits	Semester 2	Credits
<b>Year 1</b>	Building Services & Renewable Energy 1 (M)	10	Building Services & Renewable Energy 2 (M)	10
	Construction Technology 1 (M)	5	Construction Technology 2 (M)	5
	Mathematics 1 (M)	5	Mathematics 2 (M)	5
	Construction Science (M)	5	Engineering Science (M)	5
	Technical Writing & Communication Skills (M)	5	Electrical Services 1 (M)	5
<b>Year 2</b>	Building Services & Renewable Energy 3 (M)	10	Building Services & Renewable Energy 4 (M)	10
	Control Engineering for Building Services (M)	5	Renewable Energy Sources (M)	5
	Electrical Services 2 (M)	5	Electrical Services 3 (M)	5
	Mathematics 3 (M)	5	Mathematics 4 (M)	5
	Fluids & Thermodynamics 1 (M)	5	Design Project (M)	5
<b>Year 3</b>	Building Services & Renewable Energy 5 (M)	10	Project 2 (M)	10
	Lighting & Acoustics (M)	5	Electrical Services 4 (M)	5
	Mathematics 5 (M)	5	Mathematics 6 (M)	5
	Building Energy Modelling (BEM) (M)	5	Fire Engineering (M)	5
	Project 1 (M)	5	Professional Practice (M)	5

(M) = Mandatory

### Add-on Level 8 Course

## Bachelor of Science (Hons) in Fire Safety Engineering

### What will I study?

	Semester 1	Credits	Semester 2	Credits
<b>Year 4</b>	Fire Dynamics (M)	10	Project (M)	10
	Fire Safety Design (M)	10	Fire Protection Systems (M)	10
	Quantitative Risk Analysis (M)	5	Fire Safety Management (M)	5
	Research Report (M)	5	Human Behaviour in Fire (M)	5

(M) = Mandatory

### Follow-on courses

- Masters degree (by research)
- Masters degrees at other institutes or universities

Graduates of LY517 may also apply for the add-on Level 8 courses: Bachelor of Science (Hons) in Sustainable Construction Management (See Page 124) or Bachelor of Science (Hons) in Construction Contracts Management (See Page 135) or Level 8 degrees at other institutes or universities abroad.

## Civil Engineering

### Bachelor of Engineering in Civil Engineering

**National Framework:** Level 7  
**CAO Code:** LY527  
**Duration:** 3 years  
**Number of Places:** 24  
**Points in Recent Years:**

Year	Final	Median
2014	165	275
2015	175	300

### Is this course for you?

Civil Engineering is concerned with most of the infrastructure that contributes to modern civilisation. Civil Engineers are involved with the planning, design and construction of facilities for living, industry and transport. This programme is designed to provide a broad based technician level training in the field of Civil Engineering.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Civil Engineering
- Structural Engineering
- Environmental Engineering
- Local & Central Government
- Construction Materials

### Graduate careers typically include:

- Civil Engineer

### MINIMUM ENTRY REQUIREMENTS

Minimum Points Score 160

Minimum Five O6/H7

English or Irish O6/H7

Maths O6/H7



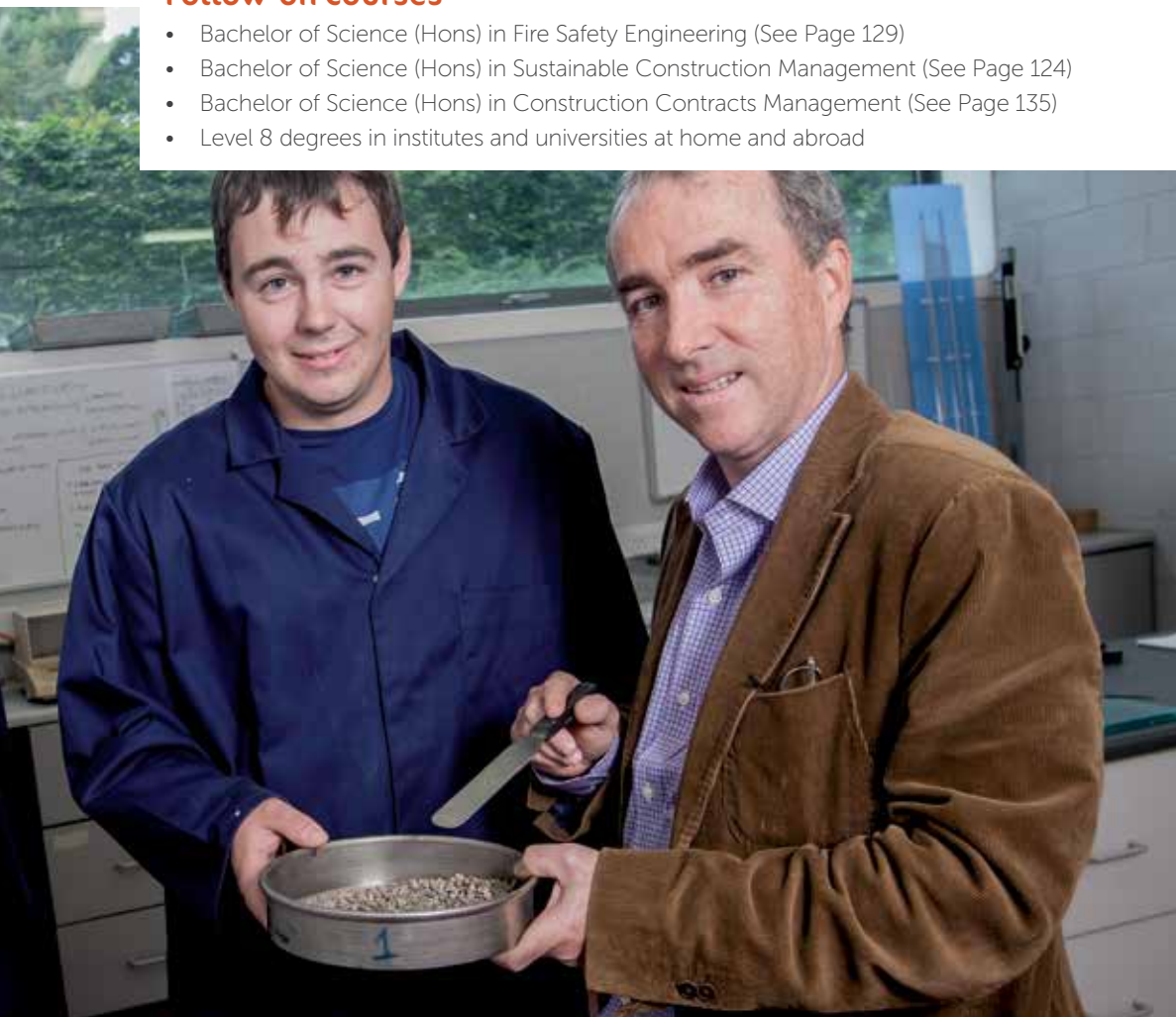
## What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Civil Engineering Structures 1 (M)	10	Civil Engineering Structures 2 (M)	10
	Construction Technology 1 (M)	5	Construction Technology 2 (M)	5
	Mathematics 1 (M)	5	Mathematics 2 (M)	5
	Construction Science (M)	5	Engineering Science (M)	5
	Technical Writing & Communication Skills (M)	5	Land Surveying (M)	5
Year 2	Civil Engineering Structures 3 (M)	10	Civil Engineering Structures 4 (M)	10
	Surveying 1 (M)	5	Surveying 2 (M)	5
	Mathematics 3 (M)	5	Mathematics 4 (M)	5
	Materials Technology (M)	5	Soil Mechanics 1 (M)	5
	Fluid Mechanics (M)	5	Water & Wastewater Technology (M)	5
Year 3	Civil Engineering Project 1 (M)	10	Civil Engineering Project 2 (M)	10
	Civil Engineering Structures 5 (M)	5	Civil Engineering Structures 6 (M)	5
	Mathematics 5 (M)	5	Mathematics 6 (M)	5
	Hydraulics (M)	5	Soil Mechanics 2 (M)	5
	Civil Engineering Materials (M)	5	Professional Practice (M)	5

(M) = Mandatory

## Follow-on courses

- Bachelor of Science (Hons) in Fire Safety Engineering (See Page 129)
- Bachelor of Science (Hons) in Sustainable Construction Management (See Page 124)
- Bachelor of Science (Hons) in Construction Contracts Management (See Page 135)
- Level 8 degrees in institutes and universities at home and abroad





## Architectural Technology

### Bachelor of Science in Architectural Technology

**National Framework:** Level 7

**CAO Code:** LY547

**Duration:** 3 years

**Number of Places:** 24

**Points in Recent Years:**

Year	Final	Median
2014	235	320
2015	145	350

### Is this course for you?

Ireland's construction boom has led to a greater appreciation of the role of the Architectural Technologist for a variety of reasons: there have been significant changes in the standards and techniques used in modern construction; the vast bulk of architectural drawings are produced using computer aided design; building legislation has been enacted to ensure the protection of the environment and the public have become more discerning in their appreciation of architecture. Architectural education is at a point of change. Architects are still primarily designers but their relationships with the other architectural professions have become more intricate with an increasing complexity of building and design technologies. The aim of this programme is to produce graduates capable of demonstrating an in-depth knowledge and a range of high level skills and competencies necessary for employment as architectural technologists.

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Architecture
- Building Information Modelling (BIM)

- Local Authority
- Property Development
- Housing Associations
- Engineering
- Manufacturing
- Graphic Design

### Graduate careers typically include:

- Architectural Technologist

### MINIMUM ENTRY REQUIREMENTS

Minimum Points Score 160

Minimum Five O6/H7

English or Irish O6/H7

Maths O6/H7



## What will I study?

	Semester 1	Credits	Semester 2	Credits
<b>Year 1</b>	Architectural Project 1 (M)	10	Architectural Project 2 (M)	10
	Construction Technology 1 (M)	5	Construction Technology 2 (M)	5
	Mathematics 1 (M)	5	Building Services 1 (M)	5
	Construction Science (M)	5	Land Surveying (M)	5
	Graphic Communications 1 (M)	5	Graphic Communications 2 (M)	5
<b>Year 2</b>	Architectural Project 3 (M)	10	Architectural Project 4 (M)	15
	Construction Technology 3 (M)	5	Construction Technology 4 (M)	5
	Structural Design & Materials (M)	5	Site Organisation (M)	5
	History & Conservation of Architecture (M)	5	Building Services 2 (M)	5
	Graphic Communications 3 (M)	5		
<b>Year 3</b>	Architectural Project 5 (M)	15	Architectural Project 6 (M)	15
	Construction Technology 5 (M)	5	Construction Technology 6 (M)	5
	Building Regeneration & Energy Performance (M)	5	Fire Engineering (M)	5
	Specification & Tendering Procedures (M)	5	Professional Practice (M)	5

(M) = Mandatory

## Follow-on courses

- Bachelor of Science (Hons) in Fire Safety Engineering (See Page 129)
- Bachelor of Science (Hons) in Sustainable Construction Management (See Page 124)
- Bachelor of Science (Hons) in Construction Contracts Management (See Page 135)



## Construction Technology with BIM

### Higher Certificate in Science in Construction Technology with BIM

**National Framework:** Level 6

**CAO Code:** LY506

**Duration:** 2 years

**Number of Places:** 24

**NEW**

### Is this course for you?

Are you interested in how buildings come to life? More than just bricks and mortar, buildings have a pulse made up of all kinds of services, equipment and technology. This 2 year programme covers the fundamentals of construction technology and the latest advances in 3D modelling of buildings. As Building Information Modelling (BIM) becomes established in the architectural, engineering and construction (AEC) industry, learners need to understand and apply BIM concepts and skills. One of the objectives of this programme is to provide the opportunity for learners to acquire BIM skills and competences in a number of modules throughout the four semesters.

### What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Building Services & Renewable Energy 1 (M)	10	Construction & Fire Technology 2 (M)	10
	Construction Technology 1 (M)	5	Land Surveying (M)	5
	Mathematics 1 (M)	5	Mathematics 2 (M)	5
	Construction Science (M)	5	Engineering Science (M)	5
	Technical Writing & Communication Skills (M)	5	BIM Graphic Communications (M)	5
Year 2	AEC Methods (M)	10	Integrated BIM Project (M)	10
	Construction Technology 3 (M)	5	Surveying 2 (M)	5
	Surveying 1 (M)	5	Renewable Energy Resources (M)	5
	Structural Design & Materials (M)	5	Site Organisation (M)	5
	Measurement and Construction Economics (M)	5	Building Services 2 (M)	5

(M) = Mandatory

### Career opportunities

Successful graduates find themselves working in the following sectors:

- Architecture
- Building Information Modelling (BIM)
- Local Authority
- Property Development
- Housing Associations
- Engineering

### Graduate careers typically include:

- Construction/ BIM Technician

### MINIMUM ENTRY REQUIREMENTS

Minimum Five O6/H7

English or Irish O6/H7

Maths O6/H7

## Add-on Level 7 Course

## Bachelor of Science in Digital Construction (Management or Sustainable Design)

### What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 3	BIM for Virtual Design & Construction (M)	10	Document Control & Public Procurement (M)	10
	Stream 1: Financial Management (M)	10	Stream 1: Project Administration (M)	10
	Stream 2: Domestic Energy Assessment (M)	10	Stream 2: Passive House Construction & Retrofitting (M)	10
	Digital Communications (M)	5	Digital Land Surveying (M)	5
			Choose 10 Credits from the following Electives (E):	
		Work Placement	10	
		Fire Engineering (Sem. 1)	5	
		Professional Practice (Sem. 2)	5	

(M) = Mandatory, (E) = Elective

### Follow-on courses

- Bachelor of Science (Hons) in Sustainable Construction Management (See Page 124)

## Add-on Level 8 Course

## Bachelor of Science (Hons) in Construction Contracts Management

### What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Construction Management 1 (M)	10	Construction Management 2 (M)	10
	Construction Law & Professional Ethics(M)	5	Dispute Mitigation & Resolution (M)	10
	Statutory Approvals (M)	5	Work Placement (M)	10
	Research Report (M)	5	Financial Information for Decision Making in Construction (M)	5

(M) = Mandatory

### Follow-on courses

- Masters degree (by research)
- Masters degrees at other institutes or universities