

PART THREE

Your education doesn't have to stop at undergraduate level. LYIT offers an extensive range of flexible postgraduate learning opportunities in a variety of interesting areas, including Executive and Professional Masters, Taught Masters and Higher Diplomas.



POSTGRADUATE COURSES AT LYIT

Staidéar larchéime ag LYIT

At LYIT we have a wide range of programmes - from specialist masters and executive education to higher diplomas and Research Masters programmes - which are designed to prepare graduates to face the challenges of complex business environments.

The Institute's academics hold the highest qualifications from some of the most prestigious universities. This, combined with their industry experience, helps provide

an environment of excellence in teaching and research where students study a wide range of subjects through a variety of teaching methods. Our success within this postgraduate space is down to an unwavering commitment to excellence.

Take time to explore the postgraduate opportunities available, and join us on a journey we promise you won't regret!

Executive & Professional Masters

Master of Business in Innovation & Leadership

Master of Science in Leadership & Innovation in the Public Service

Master of Arts in Learning & Teaching



Innovation & Leadership

Master of Business in Innovation & Leadership

National Framework:	Level 9
LYIT Internal Code:	LY_BINOL_M
Duration:	2 years, part-time
Number of Places:	18

Is this the course for you?

The highly successful Master of Business in Innovation & Leadership is a proven Masters degree programme that develops the leadership talent of managers to deliver significant business improvement in their participating firms.

This programme has been developed by LYIT in consultation with business support agencies, major industry employers and employer groups.

Key Features

- Focused on developing responses to key strategic issues
- Leading national and international best practice speakers
- Discussion-based mode of delivery
- Two day block delivery plus online over two years
- Action learning communities of practice using reflective learning approach (8 half days)
- Assessment is assignment based and centred on work issues
- Dissertation based on major in-house organisational project

Career opportunity

This programme aims to substantially develop the capability of executive managers as innovating leaders and to develop significant business improvement in participating organisations.

Minimum entry requirements

The minimum entry requirements are a Level 8 Honours Degree in any discipline, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Year 1	Credits	Year 2	Credits
Managing People (M)	5	Action Learning Research (M)	5
Innovation & New Product Development (M)	5	Corporate Governance (M)	5
Leadership (M)	10	Professional Development (M)	5
Managing Change (M)	5	Knowledge Management & Learning (M)	5
Driving Innovation (M)	10	Dissertation (M)	20

(M) = Mandatory

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad

Leadership & Innovation in the Public Service

Master of Science in Leadership & Innovation in the Public Service

National Framework:	Level 9
LYIT Internal Code:	LY_BIMPS_M
Duration:	2 years, part-time
Number of Places:	20
Awarding Body:	LYIT & Ulster University (Joint Award)

Is this the course for you?

The highly successful Master of Science in Leadership & Innovation develops the leadership talent of public sector managers in order to deliver significant organisational improvement in participating organisations. It draws on the real life experience of its participants and is the only North-South programme of its kind.

This programme has been developed by LYIT and Ulster University in collaboration with the Office of An Taoiseach and the Office of the First Minister and Deputy First Minister who were integral to deciding on the content, structure and philosophy of the programme.

Key Features

- Focused towards developing responses to key public reform agenda issues
- Leading national and international best practice speakers
- Discussion-based mode of delivery
- 6 x 2 day block delivery plus online over 2 years
- Action learning communities of practice – reflective learning approach (6 half days)
- Assessment is assignment based and centred on work issues

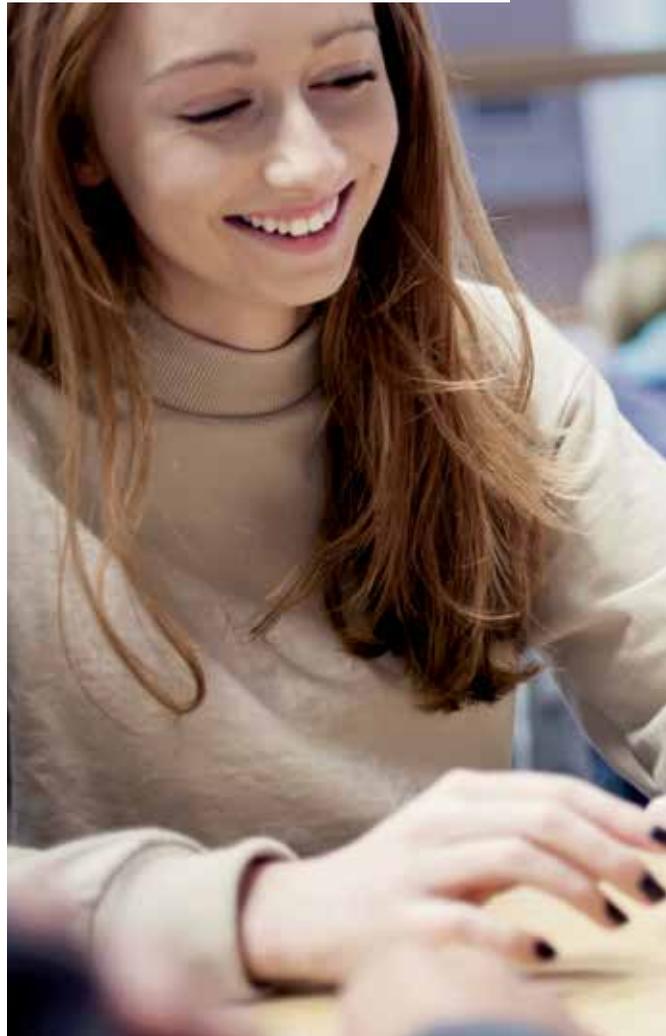
- Dissertation based on major in-house and organisational project
- Residential modules based in the Republic of Ireland and Northern Ireland

Career opportunity

This programme aims to substantially develop the capability of executive managers as innovating leaders and to develop significant business improvement in participating organisations.

Minimum entry requirements

The minimum entry requirements are a Level 8 Honours Degree in any discipline, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL). You must be in relevant employment within the Public Service.



What will I study?

Year 1	Credits	Year 2	Credits
Context of Leadership, Innovation & Transformation (M)	10	Digital Transformation & Shared Services (M)	10
Transformational Leadership (M)	10		
Citizen Centric Policy Design (M)	10	Performance Management (M)	10
Change & Cultural Management (M)	10	Research Project (M)	30

(M) = Mandatory

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad



Learning & Teaching

Master of Arts in Learning & Teaching

National Framework:	Level 9
LYIT Internal Code:	LY_HMALT_M
Duration:	2 years, part-time
Number of Places:	20

Is this the course for you?

This level 9 programme is designed to support the development of learning and teaching within third level, further education, post-primary and primary sectors. The modules explore the link between effective teaching and reflective practice, providing learners with the scope to critically analyse their own teaching practice. The programme offers a variety of pathways for students from the study of a single certificate (Minor Award) to completion of the full Masters in Learning and Teaching.

Key Features

A key aspect of the programme is the relationship between effective teaching and reflective practice; the imperative to reflect not only on what we should teach, but how effectively we teach. In every module critical reflective practice, based on evidence rather than anecdote, is required and used as the basis for self-evaluation and self-improvement. The collection and analysis of evidence is a prominent feature of the programme as a whole.

The programme promotes a student centred approach to learning and teaching. It supports professional development, providing an opportunity to develop skills through practically focused modules. The programme reflects the growing understanding of the central role of assessment and evaluation in learning and teaching and the importance of academic

writing and research at every stage of education. Students will have the opportunity to work collaboratively across disciplines with practitioners from all levels within education. In this way the programme provides a unique opportunity for educators across the North-West to deepen their understanding of learning and teaching across different stages of education. Key features include:

- Focused on developing professional practice in learning and teaching
- Leading national and international best practice speakers
- Blended learning delivery
- Work based learning and research in all modules
- Block delivery over 2 years at weekends
- Assessment is assignment based
- Links theory to practice

Career opportunity

Successful graduates find themselves working in the following sectors:

- Primary Education
- Secondary Education
- Third Level Education
- Further Education

Graduate careers typically include:

- Primary School Vice-Principal/Principal
- Secondary School Vice-Principal/Principal
- Lecturer

Minimum entry requirements

The minimum entry requirements are a Level 8 Honours Degree, or equivalent, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL). Applicants should be currently involved in an active teaching role.

What will I study?

		Credits
Semester 1	Student Centred Learning & Teaching (M)	10
	Academic Writing in Research (M)	5
Semester 2	Assessment (M)	10
Semester 3	Enhanced Learning & Teaching through Creativity & Scholarship (M)	10
	Choose one of the following electives (E):	10
	Technology Enhanced Learning	
	Inclusive Curriculum	
	Educational Leadership Management	
	Effective Supervision	
Semester 4	Restorative Practice: A Transformative Approach to Teaching & Learning	
	Recognition of Prior Learning	
	Alcohol and Other Drugs: Responding to Teachers Needs in Today's Society	
Semester 4	Research Methods (M)	15
Semester 5	Dissertation (M)	30

(M) = Mandatory, (E) = Elective

Follow-on courses

- Further advanced Level 9 (Masters) and Level 10 studies (Doctoral) at other institutions and universities at home and abroad

Taught Masters

Master of Arts in Accounting

Master of Science in Management Practice

Master of Science in Marketing Practice

Master of Science in Computing in Systems & Software Security

Master of Science in Computing in Big Data Analytics

Master of Science in Computing in Private Cloud Technologies

Master of Science in Computing in Enterprise Applications Development

Master of Science in Computing in DevOps

Master of Science in Advancing Health & Social Care

Master of Science in Therapeutic Interventions for Alcohol & Other Drugs



Accounting

Postgraduate Diploma in Accounting Master of Arts in Accounting

National Framework: Level 9

LYIT Internal Code:

LY_BACCT_M (Masters)

LY_BACCT_G (Postgrad Dip)

Duration:

1 year, full-time

2 years, part-time

PGDip: 9 months

Number of Places: 20



- Proven track record with professional exams
- Two month industry placement
- 100% employment record including the "Big 4"
- Leading national and international best practice speakers

Career opportunities

This innovative Masters programme is proving both popular and highly successful with a 100% employment rate for graduates. The programme was developed in close collaboration with the Professional Accounting Bodies and attracts significant exemptions.

Is this the course for you?

If you are committed to a career in accounting, this course will enhance your analytical skills and teach you advanced accounting subjects in theory and in practice. The course provides postgraduate education and training at the forefront of accounting and accounting-related practice.

Key features

- Generous exemptions from ACCA, CPA, CAI, and CIMA

Graduate careers typically include:

Accounting roles in Multinational Organisations or Accounting Practices.

Minimum entry requirements

Level 8 Honours Degree with a specialisation in Accounting, second class honours (2.2). However a 2.1 is preferable. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
Tax Practice (M)	10	Advanced Finance (M)	5
Audit Practice (M)	10	Integrated Case Studies In Accounting (M)	5
Performance Measurement (M)	5	Advanced Financial Accounting (M)	10
		Corporate Governance (M)	5
Research Methods (M)	5	IT Applications for the Professional Accountant (M)	5
		Choose from one of the following Electives (E):	
Academic Writing (O)	5	Work Based Learning Project	15
		Research Development & Dissertation	15

(M) = Mandatory, (E) = Elective, (O) = Optional

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad

Management

Postgraduate Diploma in Management Practice

Master of Science in Management Practice

National Framework: Level 9

LYIT Internal Code:

LY_BMANG_M (Masters)

LY_BMANG_G (Postgrad Dip)

Duration:

1 year, full-time

2 years, part-time

PGDip: 9 months

Number of Places: 15



opportunity for a deeper understanding of contemporary management practices. The MSc in Management Practice provides a real opportunity for business graduates to grow their employment and career prospects. Learners will complete five taught modules in semester one, followed by a 12 week work placement in semester two. During the work placement support is provided through one day workshops at LYIT.

Key features

- Industry placement
- Small class sizes, facilitating a learner centred approach
- Exposure to leading national and international practitioners
- Hands-on projects
- Best practice seminar series
- Focus on reflective learning

Minimum entry requirements

The minimum entry requirements are a Level 8 Honours Degree in Business, or equivalent, second class Honours (2.2). If you don't have an Honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Is this the course for you?

This new Masters programme is aimed at business graduates who want to specialise in Management. The programme focus is on developing graduates into professional management practitioners; bridging the gap between management theory and professional practice. Placements and hands-on projects form an integral part of the programme, providing an

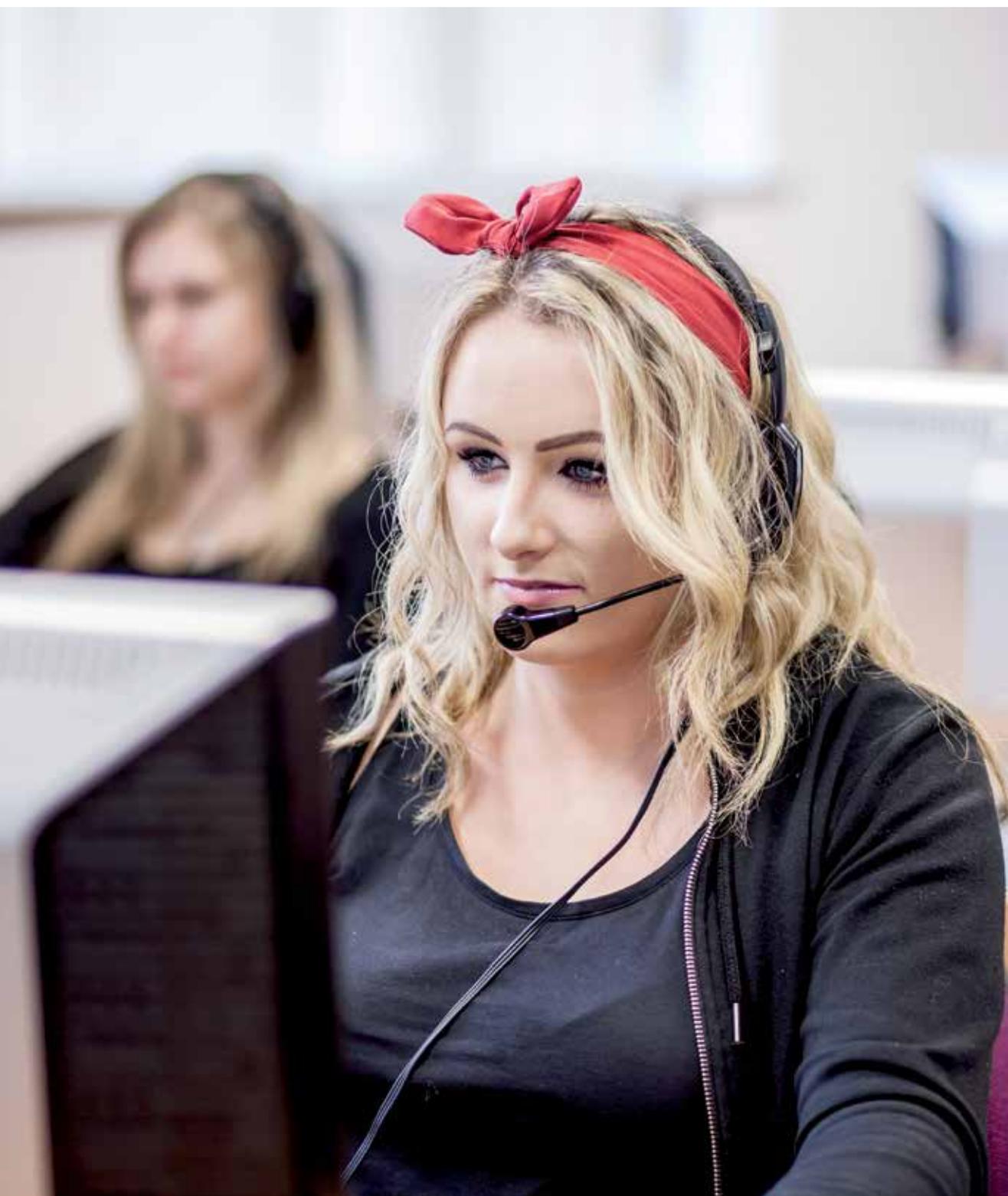
What will I study?

Semester 1	Credits	Semester 2	Credits
Managing the Innovation Process (M)	5	Applied Strategic Business Planning (M)	10
Sustainable Operations Management (M)	10	Data Analysis (M)	5
Accounting Information for Decision Making (M)	5	Behavioural Economics (M)	5
Research Methods (M)	5	Work Placement (M)	10
Managing Change (M)	5	Operations & Supply Chain Management Research (O)	5
Academic Writing (O)	5	Dissertation (M)	15

(M) = Mandatory, (E) = Elective, (O) = Optional

Follow-on courses

- Further advanced Level 9 (Masters) and Level 10 studies (Doctoral) at other Institutions and universities at home and abroad



Marketing

Postgraduate Diploma in Marketing Practice

Master of Science in Marketing Practice

National Framework: Level 9

LYIT Internal Code:

LY_BMARK_M (Masters)

LY_BMARK_G (Postgrad Dip)

Duration:

1 year, full time

2 years, part time

PGDip: 9 months

Number of Places: 20



Is this the course for you?

This course will build on the knowledge and skills learned in the Bachelor of Business Honours (Marketing) and provides crucial experience through a work placement in industry. It will develop strategic marketing instincts and creative abilities, boosting your professional expertise and personal development. Modules include Digital Marketing and Driving Marketing in SMEs.

Key features

- Industry placement
- New focus on digital marketing and analytics

What will I study?

Semester 1	Credits	Semester 2	Credits
Driving Marketing in SMEs (M)	10	Applied Strategic Business Planning (M)	10
Managing the Innovation Process (M)	5	Work Placement (M)	10
Research Methods (M)	5	Managing Sales (M)	5
Digital Marketing (M)	10	Data Analysis (M)	5
Academic Writing (O)	5	Dissertation (M)	15

(M) = Mandatory, (E) = Elective, (O) = Optional

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad

- Excellent track record of graduate employment in marketing positions
- Small class sizes, facilitating a learner centred approach
- Hands-on projects

Career opportunities

The in-depth knowledge and practical experience gained in this programme leaves graduates well placed to take up marketing positions with increased responsibility in all industries. Graduates may work in a specialist role for a large international company or as a marketing manager in a small business.

Graduate careers typically include:

- Strategic Marketing
- International Sales and Marketing
- Customer Relations
- Product Development
- Market Researcher
- Digital/Online Marketing
- Brand Promotion

Minimum entry requirements

Level 8 Honours Degree in Business, or equivalent, second class honours (2.2). Applicants must have a minimum of 30 ECTS credits in marketing or marketing related modules. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



Systems & Software Security

Master of Science in Computing in Systems & Software Security

National Framework: Level 9
LYIT Internal Code: LY_KSSCT_M
Duration:
 1 year, full-time
 2 years, part-time
Number of Places: 18

Is this the course for you?

This Masters programme is a two semester taught programme in Computing which focuses on topics applicable to Systems and Software Security. This is followed by a dissertation. The dissertation will offer the student the opportunity to apply a range of topics covered in the taught part of the programme to demonstrate an extended knowledge and ability in that area. The dissertation will normally be completed over one to two semesters. From an industry point of view, this programme was developed in partnership with the IT industry and with Pramerica in particular. The objective of developing the course is to ensure a supply of highly-skilled and experienced graduates for employers locally

and throughout Ireland. The existence of the course reflects the commitment of employers to this field of expertise. Graduates from this course can expect to find attractive employment opportunities locally and nationally as there is a huge shortage of IT security graduates.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Companies running Large Computer Networks
- The Payment Card Industry
- Financial Services Companies

Graduate careers typically include:

- Security Incident Analyst
- Secure Systems Manager
- IT Security Threat Analyst

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
Secure Infrastructure (M)	15	Security Threats & Countermeasures (M)	15	Dissertation (M)	30
Secure Programming Environments (M)	15	Computer Security & Cryptography (M)	15		

(M) = Mandatory

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad



Big Data Analytics

Master of Science in Computing in Big Data Analytics

National Framework: Level 9
LYIT Internal Code: LY_KDATA_M
Duration:
 1 year, full-time
 2 years, part-time
Number of Places: 18

Is this the course for you?

Big Data Analytics is the process of examining large amounts of data of a variety of types (Big Data) to uncover hidden patterns, unknown correlations and other useful information. Such information can provide competitive advantages over rival organisations and result in business benefits, such as more effective marketing and increased revenue. More and more companies have moved into this field to exploit the huge volumes of data being captured by their IT systems. From banking and financial services to retail and health care and life sciences, the opportunities in big data analytics are expanding dramatically and this course provides learners with an excellent chance to enter the world of 'Big Data'.

What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
Business Intelligence (M)	10	Machine Learning (E)	10	Dissertation (M)	30
Mathematics for Analytics (M)	10	Big Data Analytics (M)	10		
Big Data Architecture (M)	10	Secure Information Systems (E)	10		
		Data Science (E)	10		
		Performance Engineering (E)	10		

(M) = Mandatory, (E) = Elective

Please Note: Students must choose 2 elective modules in Semester 2. Not all electives will necessarily be offered.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Companies running large database systems
- The payment card industry and financial services companies

Graduate careers typically include:

- Data Storage Manager
- Data Analyst
- Data Scientist

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). Non computing applicants must have a minimum of 30 ECT credits in Computing or Computing related modules, or computer industry experience. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Applicants may also attend a one week bridging course where necessary and study the following three modules: Database Management, Mathematics and Computer Systems.

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad



Private Cloud Technologies

Master of Science in Computing in Private Cloud Technologies

National Framework: Level 9
LYIT Internal Code: LY_KCLGT_M

Duration:
 1 year, full-time
 2 years, part-time

Number of Places:
 20 (depending on availability of suitable placements)

Is this the course for you?

This course is a level 9 MSc in Computing in Private Cloud Technologies. The objective of the course is for graduates who have an honours degree in Computing and/or an appropriate mix of academic qualifications and IT experience to augment their skills and knowledge in readiness to begin a career in Private Cloud Technologies. It is designed to ensure that graduates are given both a base for continuing self-development and a set of skills which are transferable to the broader computing industry. These skill sets are reinforced with a strong emphasis on teamwork. The main aim of the course is to produce graduates with the required theoretical and hands-on skills to allow them to work and participate effectively in a Cloud Technologies environment.

This course may also be delivered off-site and in distance/blended/block delivery mode where there is demand for this type of delivery.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Insurance Companies

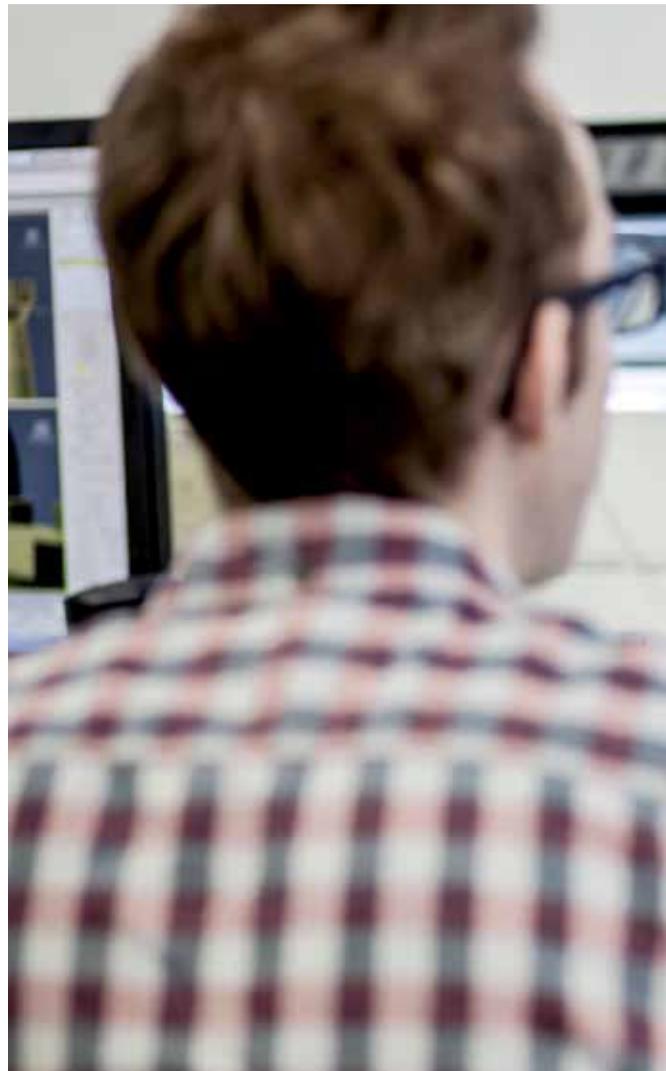
- All major IT Multinationals
- All types of Companies using large Data Centre Based IT Systems

Graduate careers typically include:

- Cloud Architect/Engineer
- Cloud Systems Administrator
- Cloud Services Developer

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).



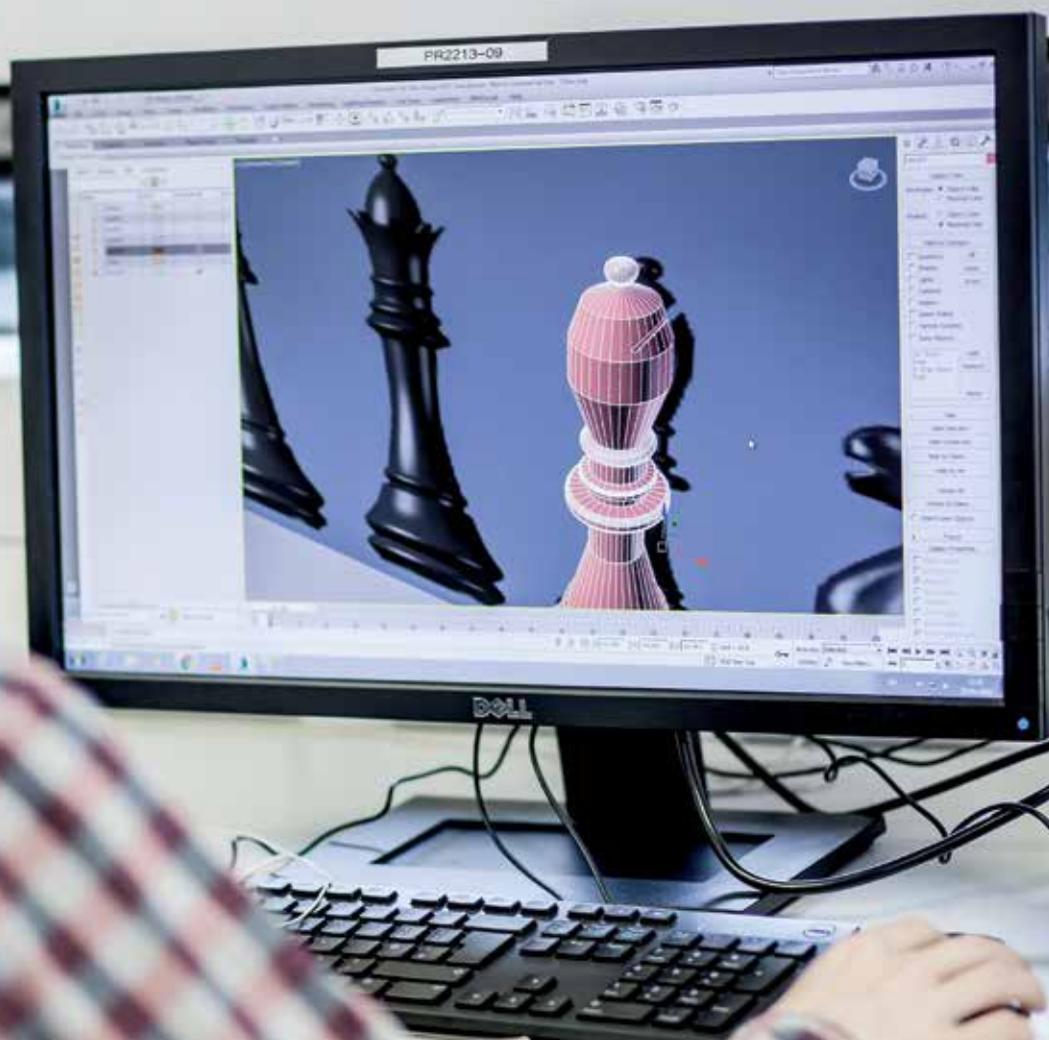
What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
Private Cloud Technologies (M)	10	Placement (M)	10	Dissertation (M)	30
Enterprise & Data Centre Networking (M)	10	Please choose two of the following Electives (E): Security & Legal Issues (E) Storage Technologies (E) Data Centre Industrial Automation (E) Advanced Database Development (E)	10		
Please choose one of the following Electives (E): Virtual Server Administration (E) Computer Systems Programming (E)	10		10		
	10		10		

(M) = Mandatory, (E) = Elective

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad.



Enterprise Applications Development

Master of Science in Computing in Enterprise Applications Development

National Framework: Level 9
LYIT Internal Code: LY_KEADE_M
Duration:
 1 year, full-time
 2 years, part-time
Number of Places: 15

Is this the course for you?

Enterprise Applications Development is the software side of the Cloud Development Paradigm. Topics that are covered in this course include: JavaScript, AngularJS, Oracle Database, Java, Microservices, Lambdas and Containerisation. This programme has been developed in partnership with the IT industry in the North-West. This programme ensures a supply of highly-skilled and experienced graduates for key employers locally and throughout Ireland. The existence of the course reflects the commitment of employers to this field of expertise. Graduates from this course can expect to find attractive employment opportunities locally and nationally.

What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
Client Side Scripting (M)	15	Programme Architecture & Design Principles (M)	15	Dissertation (M)	30
Enterprise Programming (M)	15	Database Management Systems (M)	15		

(M) = Mandatory

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad.

Career opportunities

Successful graduates find themselves working in the following sectors:

- All major IT Multinationals
- Air transportation communications and IT Specialists

Graduate careers typically include:

- IT Engineer
- Air transport communications specialist

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Course Delivery

This course will normally be delivered in distance mode.

DevOps

Master of Science in Computing in DevOps

National Framework: Level 9

LYIT Internal Code: LY_KDVOP_M

Duration:

1 year, full-time

2 years, part-time

Number of Places: 15

Is this the course for you?

DevOps is the practice of operations and development engineers participating together in the entire service lifecycle, from design through the development process to production support. DevOps is also characterised by operations staff making use of many of the same techniques as developers for their systems work. Graduates from this course can expect to find attractive employment opportunities locally and nationally.

Career opportunities

Successful graduates find themselves working in the following sectors:

- All major IT Multinationals including Amazon, Hewlett Packard and Datahug.

Graduate careers typically include:

- DevOps Support Engineer
- Senior Software Engineer in DevOps
- Cloud Services Engineer

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Higher Diploma in Computing (Conversion Course into Computing). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Course Delivery

This course will normally be delivered in distance mode.

What will I study?

		Credits
Semester 1	Client Side Scripting (M)	15
Semester 2	Programme Architecture & Design Principles (M)	15
Semester 3	Enterprise Programming (M)	15
Semester 4	Database Management Systems (M)	15
Semester 5	Dissertation (M)	30

(M) = Mandatory

Follow-on courses

- Level 10 studies (Doctoral) at other Institutions and universities at home and abroad.

Advancing Health & Social Care

Postgraduate Diploma in Science in Advancing Health & Social Care

Master of Science in Advancing Health & Social Care

National Framework: Level 9

LYIT Internal Code:

LY_NHLSC_M (Masters)

LY_NHLSC_G (Postgrad Dip)

Duration:

1 year, full-time

2 years, part-time

PGDip: 9 months

Number of Places: 20

Is this the course for you?

This Master of Science/Postgraduate Diploma in Advancing Health and Social Care aims to provide people working in the areas of Nursing, Health and Social Care and Early Childhood Care, or individuals who aspire to work in these environments, with the concepts, theories and academic skills of relevance to their work. The modules developed will allow students to critically

explore, assess, evaluate and enhance their area of professional expertise and interest. Elective modules will be delivered subject to sufficient uptake and numbers. The final module, Research Dissertation, will allow students to complete research in a topic of relevance to their area of work.

Career opportunities

This course is suitable for progression for professionals working in the provision and delivery of an ever-changing health and social care agenda. Graduates from this course will have acquired the skills to be involved in leading out on change within their organisation.

Graduate careers typically include:

- Senior Nurse Manager
- Social Worker
- Senior Health & Social Specialist Manager
- Senior Early Childhood Education Specialist Manager

Minimum entry requirements

Level 8 Honours Degree in a relevant discipline such as Health & Social Care, Nursing, Early Childhood Care, Social Work, Youth Work etc. Applicants may be required to undertake an interview. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Advanced Research Methods (M)	10	Contemporary Legal & Professional Issues (M)	10
	Advanced Professional Leadership & Management (M)	10	Cognitive Behavioural Therapy & Mindfulness (M)	10
	Behaviours of Concern (M)	10	Choose on on the following Electives (E): Teaching & Learning eHealth Sustainability in Healthcare Creativity in Relation to Therapeutic Settings	10 10 10 10
	Semester 1			Credits
Year 2	Research Dissertation (M)			30

(M) = Mandatory, (E) = Elective

Therapeutic Interventions for Alcohol & Other Drugs

Postgraduate Diploma in Science in Therapeutic Interventions for Alcohol & Other Drugs

Master of Science in Therapeutic Interventions for Alcohol & Other Drugs

National Framework: Level 9

LYIT Internal Code:

LY_NTIAD_M (Masters)

LY_NTIAD_G (Postgrad Dip)

Duration:

1 year, full-time

2 years, part-time

PGDip: 9 months

Number of Places: 20

Is this the course for you?

This Master of Science/Postgraduate Diploma in Therapeutic Interventions for Alcohol & Other Drugs aims to harness students' ability to effectively deal with drugs and alcohol issues. The programme will enhance students' skills in this field by extending theoretical knowledge and practical skills to alleviate these issues. The programme will take cognisance that student

learners will come from a variety of practice /professional backgrounds. It will provide an opportunity for graduates to enhance their knowledge base, employment and career prospects with the inclusion of work based assessments to enhance their skills sets in a wide ranging Alcohol and Drug related service provision by embedding evidence informed practice in local organisations.

Career opportunities

This programme will play a part in producing a more specialist skilled and informed workforce that can respond to and provide systemic alcohol and other drug interventions within a four-tier model of treatment and intervention and care.

Graduate careers typically include:

- Senior Support Worker
- Therapeutic Intervention Specialist

Minimum entry requirements

Level 8 Honours Degree in a relevant discipline such as Health and Social Care, Nursing, Social Work, Youth Work, Psychology, Medicine etc. Applicants may be required to undertake an interview. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

	Semester 1	Credits	Semester 2	Credits
Year 1	Advanced Research Methods (M)	10	Alcohol and Other Drug Use: Interventions Practice & Skills 1 (M)	10
	Theoretical Foundations in Alcohol & Other Drugs (M)	10	Children and Families: Hidden Harm (M)	10
Year 2	Alcohol, Drugs & Mental Health: Recovery Approaches (M)	10	Research Dissertation (M)	30
	Alcohol and Other Drugs Use: Interventions Practice & Skills 2 (M)	10		

(M) = Mandatory

POSTGRADUATE SCHOLARSHIPS

PUSHING BOUNDARIES: FULL-TIME POSTGRADUATE TAUGHT MASTERS PROGRAMMES



Are any of our outlined **full-time** taught Masters appealing to you? If so, then we could have a scholarship which is of interest to you. We offer up to 30 Masters Scholarships to the value of €2,000 for the following programmes:

- MA Accounting (LY_BACCT_M)
- MSc in Marketing Practice (LY_BMARK_M)
- MSc in Management Practice (LY_BMANG_M)
- MSc in Computing Systems & Software Security (LY_KSSCT_M)
- MSc in Big Data Analytics (LY_KDATA_M)
- MSc in Private Cloud Technologies (LY_KCLGT_M)
- MSc in Enterprise Applications Development (LY_KEADE_M)
- MSc in DevOps (LY_KDVOP_M)
- MSc in Advancing Health & Social Care (LY_NHLSC_M)
- MSc in Therapeutic Interventions for Alcohol & Other Drugs (LY_NTIAD_M)

Agreement:

- Scholarship for a **full-time** Masters programme worth €2,000 to a student, who meets the pre-determined criteria, which will be allocated towards course fees.
- The scholarship will be in the form of a €1,000 reduction in the fees in each of the two semesters.
- Scholarships will only be available to those students not in receipt of another form of financial assistance from any grant awarding bodies to study.
- Scholarships are only available to EU students.
- The scholarship can be allocated towards any of the previously mentioned **full-time** taught postgraduate programmes.
- A Postgraduate Programmes Application Form can be found online at www.lyit.ie. Section Eight of the Postgraduate Application Form has to be completed for a student to be considered for the scholarship.

Conditions of Scholarship:

- The student needs to be registered as a student at LYIT on the programme in respect of which the Scholarship is being awarded by the due registration date.
- Failure to complete the registration requirements by the due date will render the student ineligible for the award without further notice.
- The individual in receipt of the Scholarship must be attending the programme on a **full-time** basis.
- If the holder withdraws from the programme for which she/he has registered or fails to continue throughout the session to meet the attendance, she/he will forfeit the Scholarship and will be required to repay to the Institute the whole or any part of the Scholarship as may be decided. In addition, the scholarship is subject to satisfactory performance in examinations.
- The Scholarship is only available in the year in which it is offered. It may not be deferred.
- The Scholarship will be awarded on academic merit. Minimum honours 2.2 is required in the undergraduate degree.



Higher Diplomas

Higher Diploma in Business in Finance & Technology (FinTech)

Higher Diploma in Arts in Governance & Compliance in Financial Services

Higher Diploma in Arts in 3D Modelling & Animation

Higher Diploma in Science in Computing

Higher Diploma in Science in Computing in Business Systems Analysis & Design

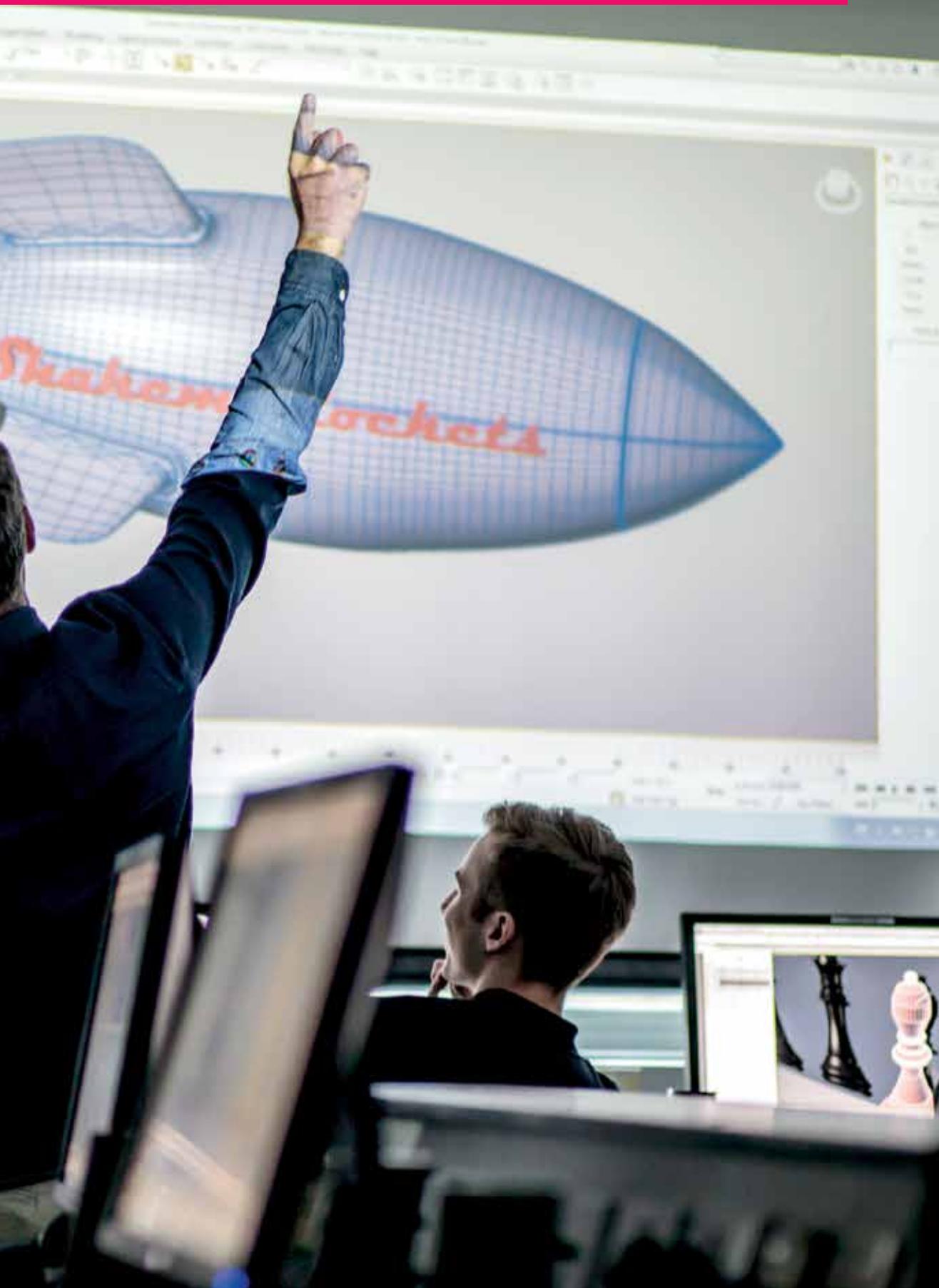
Higher Diploma in Science in Computing in IT Project Management

Higher Diploma in Arts in Mainframe Business Information Systems & Infrastructure

Higher Diploma in Arts in Food Product Development

Higher Diploma in Arts in Tourism Destination Marketing





Finance & Technology

Higher Diploma in Business in Finance & Technology (FinTech) (conversion course into Financial Services Industry)

National Framework: Level 8
LYIT Internal Code: LY_BFINT_G
Duration:
 1 year, full-time
 2 years, part-time
Number of Places: 18



Is this the course for you?

The Higher Diploma in Business in Finance and Technology (FinTech) has been designed to equip graduates with the core knowledge, skills and competencies to underpin a career as a FinTech Professional in the financial services industry. It aims to address the requirement for employees in the financial services sector to have a more hybrid skillset. Much consultation has taken place with the financial services industry to validate the choice of modules for the programme. The culmination of the programme involves a work placement to allow the learner to apply all of their learning in a completely practical way; this is central to providing a grounded up-skilling of the graduate in an area which may not be cognate to their previous undergraduate studies.

Key features

- Strongly aligned with industry job requirements regionally and nationally
- Skill set transferable to the wider financial technology and general financial services sectors regionally and nationally
- Blended/flexible mode of delivery
- Personal and supportive approach to teaching and learning
- Work placement opportunities with local and national Financial Services organisations

Career opportunities

Roles in the FinTech space are becoming more hybrid. Graduates of this programme will be suitable for roles in:

- FinTech
- Payments
- Asset Management
- Trading
- Insurance
- Banking

Minimum entry requirements

Level 8 Honours Degree in Business/ Finance/Economics/Mathematics or Computing or in a related discipline with at least 30 credits in Business, Finance, Economics, Mathematics or Computing, minimum second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
The Financial Services Industry (M)	10	Equity (M)	10
Debt (M)	10	Financial Systems Analysis (M)	5
Project Management (M)	10	Software Engineering for FinTech (M)	10
		Work Based Learning (M)	5

(M) = Mandatory

Follow-on courses

- Masters degrees at LYIT and in institutes and universities at home and abroad



Governance & Compliance

Higher Diploma in Arts in Governance & Compliance in Financial Services

National Framework: Level 8
LYIT Internal Code: LY_HGOVE_G
Duration: 1 year
Number of Places: 20 

Is this the course for you?

This is a one year conversion course for graduates into the financial services industry. No previous knowledge of financial services is required or assumed. The programme aims to meet the legal, governance and IT aspects of the compliance needs of financial service companies and has been developed in collaboration with a number of key employers from the financial services industry. The Higher Diploma is designed to enhance skills, judgement and ability to deal with practical issues in the management and practice of compliance in the financial services industry. The programme introduces graduates to the legal, governance and IT aspects of compliance and to their application to the financial services industry.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Financial Services
- Banking
- Insurance
- Pensions

Graduate careers typically include:

- Anti-Money Laundering Officer/ Supervisor/Manager
- Corporate Governance Manager
- Compliance Manager
- Case Analyst
- Internal Auditor

Minimum entry requirements

Level 8 Honours Degree in Legal, or equivalent, second class honours (2.2). Applications will also be accepted from candidates holding a qualification as a barrister or a solicitor in Ireland or the United Kingdom. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
Financial Services 1 (M)	10	Legal & Regulatory Aspects of Compliance (M)	10
Data Protection (M)	5	IT Governance (Compliance & Privacy) (M)	10
Information Systems Fundamentals (M)	5	Information Systems Auditing & Risk Management (M)	5
Regulation, Governance and Ethics (M)	10	Work Placement (M)	5

(M) = Mandatory

Follow-on courses

- Masters degrees at LYIT and in institutes and universities at home and abroad

3D Modelling & Animation

Higher Diploma in Arts in 3D Modelling & Animation

National Framework:	Level 8
LYIT Internal Code:	LY_DMDLA_G
Duration:	1 year
Number of Places:	20 

Is this the course for you?

There are many production pipelines in industry that require content developed for specific purposes. Game assets will differ from feature animation for example; SFX and compositing assets will differ from architectural visualisation. This course however reconciles these forms of content creation and teaches the similarities and differences in creating for each. The pathway through the course will allow the student to decide to focus on specific areas such as games animation, special effects or feature animation. Each of the modules will allow for content to be created to fit into each of these pipelines while offering a grounding in the differences involved for each. The course will inform the process from concept

development right through to integration into various real-time and pre-rendered platforms used by sector leaders. New and emerging asset pipelines will also be explored such as augmented reality (AR) and Virtual Reality (VR) content creation.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Games
- Film
- Animation
- Advertising

Graduate careers typically include:

- 3D Modeler
- Texturer
- Special Effects Artist

Minimum entry requirements

Level 8 Honours Degree in Design, or equivalent, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
Concept Art for 3D (M)	10	Rigging & Animation (M)	5
3D Modelling & Sculpting (M)	10	Work Based Learning (M)	5
Texturing & Rendering (M)	10	Final Project (Asset Integration) (M)	20

(M) = Mandatory

Follow-on courses

- Masters degrees at LYIT and in institutes and universities at home and abroad

Computing

Higher Diploma in Science in Computing (conversion course into Computing)

National Framework:	Level 8
LYIT Internal Code:	LY_KCOMP_G
Duration:	9 Months
Number of Places:	24

Is this the course for you?

The objective of the course is to take graduates in non-computing fields and augment their skills and knowledge in readiness to begin a career in the computing industry. It is designed to ensure that graduates are given both a base for continuing self-development and a set of skills which are transferable to the broader computing industry. These skill sets are reinforced with a strong emphasis on teamwork. The main aim of the course is to produce graduates with the required theoretical and hands-on skills to allow them to work and participate effectively in a commercial IT environment.

What will I study?

Semester 1	Credits	Semester 2	Credits
Software Design (M)	10	Software Development & Testing (M)	10
Database Technology (M)	10	Software Engineering & Quality Assurance (M)	10
Computer Systems (M)	10	Choose one of the following Electives (E):	
		Database Administration	10
		Internet Applications Development	10

(M) = Mandatory, (E) = Elective

Follow-on courses

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

Career opportunities

Successful graduates find themselves working in the following sectors:

- Insurance Companies
- Public Sector
- Banks and all types of Companies using IT Systems

Graduate careers typically include:

- Technical Writer
- Software Tester
- Database Administrator

Minimum entry requirements

Level 8 Honours Degree in any discipline, or equivalent, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Business Systems Analysis & Design

Higher Diploma in Science in Computing in Business Systems Analysis & Design

National Framework: Level 8

LYIT Internal Code: LY_KBSAD_G

Duration:

1 year, full-time

2 years, part-time

Number of Places:

17 (depending on availability of suitable placements)

Is this the course for you?

This course is a level 8 Higher Diploma in Science in Computing in Business Systems Analysis and Design. The objective of the course is to take graduates who have some knowledge of Computing and augment their skills and knowledge in readiness to begin a career in Business Systems Analysis and Design. It is designed to ensure that graduates are given both a base for continuing self-development and a set of skills which are transferable to the broader computing industry. These skill

sets are reinforced with a strong emphasis on teamwork. The main aim of the course is to produce graduates with the required theoretical and hands-on skills to allow them to work and participate effectively in a Business Systems Analysis and Design environment.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Insurance Companies
- Banks
- All types of Companies using IT Systems

Graduate careers typically include:

- IT Systems Analysis
- IT Systems Design
- Computer Interface Design

Minimum entry requirements

Level 8 Honours Degree in Computing, or equivalent, second class honours (2.2), or Degree with a Computing specialism. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
UX & Web Based Applications (M)	10	Business Analysis (M)	10	Project (M)	10
Business Systems Analysis and Design (M)	10	Software Engineering (M)	10	Placement (M)	10

(M) = Mandatory

Follow-on courses

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

IT Project Management

Higher Diploma in Science in Computing in IT Project Management

National Framework: Level 8
LYIT Internal Code: LY_KPRJM_G
Duration:
 1 year, full-time
 2 years, part-time
Number of Places:
 10 (depending on availability of suitable placements)

Is this the course for you?

This course is a level 8 Higher Diploma in Science in Computing in IT Project Management. The objective of the course is to take graduates who have some knowledge of Computing and augment their skills and knowledge in readiness to begin a career in IT Project Management. It is designed to ensure that graduates are given both a base for continuing self-development and a set of skills which are transferable to the broader computing industry. These skill sets are reinforced with a strong emphasis

What will I study?

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits
Project Management (M)	10	Project Management Frameworks & Methodologies (M)	10	Project (M)	10
Professional Skills (M)	10	Software Engineering & Management (M)	10	Placement (M)	10

(M) = Mandatory

Follow-on courses

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

on teamwork. The main aim of the course is to produce graduates with the required theoretical and hands-on skills to allow them to work and participate effectively in an IT Project Management environment.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Insurance Companies
- Banks
- All types of Companies using IT Systems

Graduate careers typically include:

- IT Project Planner
- IT Project Manager
- IT Resource Tracker

Minimum entry requirements

Level 8 Honours Degree in Computing or Project Management, or equivalent, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Mainframe Business Information Systems & Infrastructure

Higher Diploma in Arts in Mainframe Business Information Systems & Infrastructure

National Framework:	Level 8
LYIT Internal Code:	LY_BMFBI_G
Duration:	1 year
Number of Places:	20

Is this the course for you?

The Higher Diploma in Arts in Mainframe Business Information Systems and Infrastructure is a one-year taught course in mainframe development and systems programming. The course was developed in collaboration with a number of key employers who have identified a gap in mainframe programme provision in Ireland. The Higher Diploma is essentially designed as a 'conversion' course from other disciplines into mainframe computing and incorporates a work placement.

What will I study?

Semester 1	Credits	Semester 2	Credits
Mainframe Application Development 1 (Cobol) (M)	10	SYSPROG 2 (z/OS Systems Programming Fundamentals) (M)	10
Mainframe Application Development 2 (Cobol/DB2/CICS) (M)	10	SYSPROG 3 (IBM MQ V8 System Administration for z/OS) (M)	5
SYSPROG 1 (z/OS Infrastructure) (M)	5	Mainframe Application Development 3 (PL/1) (M)	10
		The Mainframe IDE & Supporting Coding Languages (M)	5
		Work Based Learning (M)	5

(M) = Mandatory

Follow-on courses

- Master of Science in Systems & Software Security
- Masters degrees at LYIT and in institutes and universities at home and abroad

Career opportunities

Mainframe programmers are currently in very high demand. Successful graduates may find themselves working in a wide range of sectors. Graduate careers typically include:

- Mainframe Tester
- Mainframe Programmer
- Mainframe Developer
- Mainframe Administrator
- Analyst/Programmer
- Systems Administrator
- Cobol Developer

Key Features

- Strongly aligned with industry job requirements regionally and nationally
- Blended / flexible mode of delivery
- Full access to IBM Mainframe services
- Personal and supportive approach to teaching and learning
- Non-degree holders with relevant experience may be eligible to apply

Minimum entry requirements

Level 8 Honours Degree in any discipline, second class honours (2.2). If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

Food Product Development

Higher Diploma in Arts in Food Product Development

National Framework:	Level 8
LYIT Internal Code:	LY_TFPDV_G
Duration:	1 year
Number of Places:	20

Is this the course for you?

The Higher Diploma in Arts in Food Product Development is a conversion programme aimed at graduates to meet the needs of those progressing from undergraduate qualifications in science, the social sciences and humanities as well as from more applied and inter-disciplinary undergraduate programmes such as business and management. The course is also focussed to meet the career and personal development needs of professionals from the public, private, community or voluntary sectors. This programme has been designed to promote and encourage the synthesis of advanced knowledge and skills in the area of food product innovation, planning, design

and development. The programme takes a broad entrepreneurial view of food product development, exploring issues and problems relevant to a wide range of situations and issues that managers and other professionals are likely to face.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Marketing
- Nutrition
- Quality Control

Graduate careers typically include:

- Food Product Developer
- Quality Control Specialist
- Food Safety & Food Standards Specialist

Minimum entry requirements

This course will be available to applicants who meet the following criteria: Applicants should hold a honours bachelor degree in a non-cognate discipline or a bachelor degree in a related discipline. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
Culinary Practice for Food Product Development (M)*	5	Food Products - Design & Development (M)	10
Consumer Behaviour In Food Marketing (M)	5	Strategic Marketing Management (M)	10
Food Product Innovation (M)	10		
Quality Assurance & Food Regulatory Affairs (M)	10	Work Placement (M)	10

(M) = Mandatory

*Additional bridging, including four hours of Professional Kitchen Operations, for participants with no food industry experience may be made available as required.

Follow-on courses

- Masters degrees at LYIT and in institutes and universities at home and abroad

Tourism Destination Marketing

Higher Diploma in Arts in Tourism Destination Marketing

National Framework:	Level 8
LYIT Internal Code:	LY_TTDMK_G
Duration:	1 year
Number of Places:	20

Is this the course for you?

The Higher Diploma in Arts in Tourism Destination Marketing is a conversion programme aimed at non-tourism graduates wishing to pursue a career in the tourism industry. The programme is aimed at both professionals currently employed within the tourism industry and those from complementary backgrounds who wish to enter the tourism field. In this context it may be of particular interest to people coming from an arts, heritage, languages, geography, marketing or business background.

Career opportunities

Successful graduates find themselves working in the following sectors:

- Marketing
- Travel & Tourism
- Support Agencies & Local Authorities

Graduate careers typically include:

- Marketing Specialist
- International/National Tour Operator

Minimum entry requirements

Applicants should hold a honours bachelor degree in a non-cognate discipline or a bachelor degree in a related discipline. If you don't have an honours degree but have relevant experience you may also be eligible to apply via Recognition of Prior Learning (RPL).

What will I study?

Semester 1	Credits	Semester 2	Credits
Tourism E-Business (M)	5	Financial Management & Entrepreneurship In Tourism (M)	10
Consumer Behaviour In Tourism (M)	5	Strategic Marketing Management (M)	10
European & International Tourism Policy (M)	10		
Tourism Management & Destination Development (M)	10	Work Placement (M)	10

(M) = Mandatory

Follow-on courses

- Masters degrees at LYIT and in institutes and universities at home and abroad