



**LIT**

LIMERICK INSTITUTE  
OF TECHNOLOGY

**WE ARE**



**Undergraduate  
Prospectus 2021**

[www.lit.ie](http://www.lit.ie)

**AIT-LIT**  
Consortium



**Disclaimer**

During the Covid-19 Pandemic, life in LIT is different. This includes changes in how we deliver our education to keep students and staff safe and healthy. For the most up to date details, check out [www.lit.ie/oncampus](http://www.lit.ie/oncampus)



# Quick Guide to CAO Points 2020

## FACULTY OF APPLIED SCIENCE, ENGINEERING & TECHNOLOGY

PROGRAMME	CODE	CAO POINTS 2020	PAGE
<b>DEPARTMENT OF APPLIED SCIENCE</b>			
Applied Biology	LC260	<b>326</b>	138
Biotechnology with Biopharmaceutical Science (Honours)	LC362	<b>413</b>	142
Drug & Medicinal Product Analysis (Honours)	LC266	<b>262</b>	146
Environmental Science & Climate (Honours)	LC408	<b>279</b>	148
Environmental Science	LC425	<b>278</b>	150
Forensic & Pharmaceutical Science (Honours)	LC265	<b>413</b>	152
Forensic & Pharmaceutical Science	LC267	<b>329</b>	154
Clinical Technology (Honours)	LC263	<b>294</b>	156
Medical Technology	LC268	<b>289</b>	158
<b>DEPARTMENT OF ELECTRICAL &amp; ELECTRONIC ENGINEERING</b>			
Electrical Engineering (Honours)	LC275	<b>298</b>	170
Electrical Engineering	LC271	<b>261</b>	172
Electronic Engineering with Computer Systems (Honours)	LC376	<b>318</b>	174
Electronic Engineering with Computer Systems	LC279	<b>214</b>	176
Industrial Automation & Robotic Systems (Honours)	LC375	<b>317</b>	178
Industrial Automation & Robotic Systems	LC277	<b>232</b>	180
Renewable & Electrical Energy Engineering (Honours)	LC374	<b>318</b>	182
Renewable & Electrical Energy Engineering	LC278	<b>280</b>	184
<b>DEPARTMENT OF MECHANICAL &amp; AUTOMOBILE ENGINEERING</b>			
Agricultural Mechanisation	LC284	<b>200</b>	198
Automobile Technology	LC281	<b>208</b>	202
Automotive Engineering & Transport Management (Honours)	LC380	<b>303</b>	204
Mechanical Engineering (Honours)	LC288	<b>347</b>	206
Mechanical Engineering	LC285	<b>272</b>	208
Precision Engineering (Honours)	LC289	<b>291</b>	212
Precision Engineering	LC283	<b>227</b>	214
Road Transport Technology & Management	LC286	<b>264</b>	216
<b>DEPARTMENT OF INFORMATION TECHNOLOGY</b>			
Computer Networks & Systems Management (Honours)	LC239	<b>307</b>	256
Computing	LC336	<b>207</b>	268
Data Analytics & Cyber Security (Honours)	LC414	<b>236</b>	258
Games Design & Development (Honours)	LC418	<b>270</b>	260
Interactive Digital Media (Honours)	LC234	<b>225</b>	262
Internet Systems Development (Honours)	LC236	<b>262</b>	264
Internet Systems Development	LC235	<b>205</b>	266
Software Development (Honours)	LC233	<b>272</b>	270

PROGRAMME	CODE	CAO POINTS 2020	PAGE
<b>DEPARTMENT OF THE BUILT ENVIRONMENT</b>			
Architectural Technology (Honours)	LC341	<b>New for 2021</b>	230
Built Environment (Common Entry) (Honours) *	LC248	<b>288</b>	232
Civil Engineering Management (Honours)	LC252	<b>270</b>	234
Civil Engineering	LC251	<b>206</b>	236
Construction Management (Honours)	LC241	<b>255</b>	238
Interior Design (Honours)	LC340	<b>350</b>	240
Property Valuation & Management (Honours)	LC242	<b>282</b>	242
Quantity Surveying (Honours)	LC243	<b>294</b>	244

\* 1 year Common Entry programme

## FACULTY OF BUSINESS & HUMANITIES

PROGRAMME	CODE	CAO POINTS 2020	PAGE
<b>DEPARTMENT OF BUSINESS &amp; FINANCIAL SERVICES</b>			
Accounting & Finance (Honours)	LC224	<b>300</b>	302
Accounting & Finance	LC221	<b>241</b>	304
Business (Honours) (Limerick)	LC320	<b>346</b>	310
Business (Honours) (Thurles)	LC416	<b>274</b>	310
Business (Thurles)	LC415	<b>197</b>	312
Business (Ennis)	LC605	<b>195</b>	312
Business with Computing (Honours)	LC330	<b>297</b>	314
Business with Computing	LC230	<b>217</b>	316
Law & Taxation (Honours)	LC223	<b>307</b>	318
<b>DEPARTMENT OF SPORT, LEISURE &amp; TOURISM</b>			
Applied Strength & Conditioning (Honours)	LC422	<b>298</b>	348
Applied Strength & Conditioning	LC423	<b>157</b>	350
Business Studies with Sports Management (Honours)	LC295	<b>252</b>	352
Business Studies with Sport	LC397	<b>New for 2021</b>	354
Sports Development & Performance	LC290	<b>188</b>	356
Sports Development & Coaching	LC228	<b>205</b>	358
Business Studies with Beauty & Spa Management (Honours)	LC392	<b>236</b>	360
Business Studies with Beauty & Spa Services	LC396	<b>New for 2021</b>	362
Business Studies with Event Management (Honours)	LC294	<b>279</b>	364
Business Studies with Travel & Tourism Management (Hons.)	LC293	<b>307</b>	366
Culinary Arts	LC398	<b>163</b>	368
Hospitality Supervision	LC399	<b>148</b>	370

PROGRAMME	CODE	CAO POINTS 2020	PAGE
<b>DEPARTMENT OF MARKETING, ENTERPRISE &amp; DIGITAL COMMUNICATIONS</b>			
Digital Marketing (Honours)	LC220	<b>262</b>	326
Enterprise & Innovation (Honours)	LC226	<b>234</b>	328
Enterprise & Innovation	LC322	<b>New for 2021</b>	330
Marketing & Management (Honours)	LC225	<b>298</b>	332
Marketing & Management	LC222	<b>270</b>	334
<b>DEPARTMENT OF APPLIED SOCIAL SCIENCES</b>			
Community & Addiction Studies (Honours)	LC297	<b>New for 2021</b>	282
Early Childhood Education & Care (Honours) (Limerick)	LC393	<b>236</b>	284
Early Childhood Education & Care (Honours) (Thurles)	LC401	<b>297</b>	284
Early Childhood Education & Care (Honours) (Ennis)	LC613	<b>242</b>	284
Early Childhood Education & Care (Thurles)	LC432	<b>144</b>	286
Early Childhood Education & Care (Ennis)	LC603	<b>147</b>	286
Social Care Work (Honours) (Limerick)	LC292	<b>367</b>	288
Social Care Work (Honours) (Thurles)	LC402	<b>225</b>	288
Social Care Work (Honours) (Ennis)	LC612	<b>320</b>	288
Social Care Work (Ennis)	LC602	<b>260</b>	292

## LIMERICK SCHOOL OF ART & DESIGN

PROGRAMME	CODE	CAO POINTS 2020	PAGE
First Year Art & Design (Common Entry) *	LC110	<b>740*</b>	86
Art & Design Teacher Education (Honours) *	LC115	<b>942*</b>	106
Creative Media & Design (Honours)	LC517	<b>234</b>	108
Creative Media & Design	LC504	<b>192</b>	110
Digital Animation Production (Honours) *	LC518	<b>808*</b>	112
Fashion & Textiles for Product & Costume (Honours) *	LC114	<b>880*</b>	104
Game Art & Design (Honours) *	LC502	<b>852*</b>	114
Visual Effects for Film, TV & Animation	LC506	<b>New for 2021*</b>	116
Creative Broadcast & Film Production (Honours)	LC371	<b>309</b>	118
Creative Broadcast & Film Production	LC276	<b>297</b>	120
Music Technology & Production (Honours)	LC372	<b>325</b>	122
Music Technology & Production	LC270	<b>307</b>	124

\* Portfolio Required

# What's Inside

## 04 – 73

### General Information

- LIT / AIT TU **4**
- Open Days & Events **6**
- We are Leaders **7**
- LIT Highlights **8**
- President's Welcome **10**
- Schools' Liaison Office **12**
- About LIT **18**
- Our Campus Locations **22**
- Support Services for Students **28**
- Accommodation Services **34**



- Campus Resources **36**
- LIT Life – Sport, Clubs & Societies **42**
- We are Community **46**
- How to Apply to LIT **48**
- Entry Requirements **52**
- International Applications & Study Abroad **60**
- Money Matters: Fees, Grants & Costs **64**
- Accepting your Place at LIT **68**
- Steps to Success at LIT **70**
- Faculties & Departments **72**

# Course Finder



## 76 – 125

### Limerick School of Art & Design

## 128 – 271

### Faculty of Applied Science, Engineering & Technology

- Department of Applied Science **130**
- Department of Electrical & Electronic Engineering **162**
- Department of Mechanical & Automobile Engineering **190**
- Department of the Built Environment **222**
- Department of Information Technology **248**



## 274 – 371

### Faculty of Business & Humanities

- Department of Applied Social Sciences **276**
- Department of Business & Financial Services **294**
- Department of Marketing, Enterprise  
& Digital Communications **320**
- Department of Sport, Leisure & Tourism **340**

# Apply to LIT, Graduate from Ireland's Next University

You, the class of 2021, are in a unique position. When you join us, you will be the first cohort to join Ireland's newest Technological University.

You are the pathfinders at the start of a new decade and new era.

Your new Technological University is future-proofing higher education through practical learning and support for our students. Your programmes are informed by industry and will equip you for the workplace of the future, both in college and on placement. Your research will impact the world around us. Your campuses are communities where friendliness and openness mean that students get to know each other, and you know your lecturers. And all of your campuses have a global outlook, opening the world to you.

LIT and AIT are creating this unique new university with campuses right across the Midlands and Mid-West. By transcending

geography, we are bringing higher education to all who would benefit from it.

Together, we have a heritage of education dating back to 1852. Scientists, engineers, artists, medical and caring professionals, educators, designers, sportspeople and businesspeople all over the world began their journeys with us. Our people make our educational heritage, ever-changing through the years to adapt to the needs of our students and our society.

Join us and be part of the next transformation.

The future is yours.

## AIT-LIT Consortium



AIT Students



AIT Students



LIT Students

**6 Campuses**

across Clare,  
Limerick, Tipperary  
and Westmeath

**15,000  
Students**

**250+**

Global partnerships  
across the world abroad  
placements and  
outward mobility

# Virtual Open Days & Events

Visit [www.lit.ie/virtual-open-days](http://www.lit.ie/virtual-open-days) for information on our virtual open days and events.

LIT is an open and welcoming institution, and in choosing us you will find yourself part of a strong and vibrant community. We deliver over 120 courses and our graduates are some of the most sought after in the country because of the combination of up-to-the-minute practical and theoretical learning that our students undertake.

Each year, we open our doors to students and host many information events, giving students an opportunity to visit our campuses in Limerick, Tipperary and Clare, explore our courses and facilities and learn more about LIT.

In normal circumstances, we would look forward to visiting your school this year or inviting you onto our campuses to ensure you have all the information you require about LIT and our courses in advance of making an informed CAO choice.

However, due to the ongoing Covid-19 pandemic, this year our on-campus events will be replaced with a series of virtual information events. These events will still give you all the important information you need about LIT, but they will be brought to you via your phone, tablet or laptop.

Earlier this year, we arranged several Q&A sessions through Instagram live and online forums to assist students in making their CAO decisions. These events are still available to view on our website and in

preparation for our Open Day, visit our CAO Hub where you can take a virtual tour of our campuses and tune into the information sessions: [www.lit.ie/virtual-open-days](http://www.lit.ie/virtual-open-days)

**We are open and we are here to help.**

Alongside our series of virtual events, our Schools Liaison team welcome questions from students and parents about our courses, accommodation options and comprehensive support services.

To keep up to date on events taking place across the year, follow us on our social media channels.

 **LimerickIT**

 **@LimerickIT**

 **LimerickIT**

 **Limerick\_IT**

 **LITSNAP**

Contact us at: [schools@lit.ie](mailto:schools@lit.ie) or via the 'Chat' option on each course page at [www.lit.ie](http://www.lit.ie)

**#AskLITAnything**



**We are Leaders**



**7,000**

STUDENTS

**3**

COUNTIES

**5**

CAMPUSES



**2**

GUINNESS WORLD RECORDS

LISTED IN

**TOP 50**

FASHION SCHOOLS WORLDWIDE

**No. 1**

FOR GRADUATE EMPLOYMENT OUTSIDE OF DUBLIN



# LIT Highlights 2020



## Demand for LIT graduates: HEA Survey shows LIT has the highest rate of full-time employment outside of Dublin

The latest Higher Education Authority (HEA) Graduate Outcome Survey, released in June 2020 has shown that LIT has the highest rate of full-time employment in any higher education institution outside of Dublin, with more students going into work upon graduation. More than three quarters of LIT graduates are in full-time employment, with **91% of graduates in employment or further study within nine months of graduating**. The findings also revealed that 85% of the Class of 2018 secured a role within nine months of graduation, while an additional 6% have pursued further education.

## Investing in our students: LIT Scholarships reach €1.3 million

€1.3 million has been invested in scholarships for LIT students over the last six years, through the LIT Foundation's Leaders@LIT programme and the HEA's 1916 Bursary fund, providing 120 students with access to higher education. As one of the most diverse third level institutions in Ireland, our Leaders@LIT scholarships embody LIT's mission and what we are about as a higher education institution, enabling people to participate in higher education in circumstances where they may otherwise be unable to do so. In 2019/2020, 31 students received support from the two scholarship programmes.



Further information on LIT's scholarships programme is available at [www.lit.ie/scholarships](http://www.lit.ie/scholarships)



Hover your mobile phone camera over the QR code to find out more about **LIT Sports Scholarships**



## We are growing: New programmes 2021

We have new additions to our portfolio of programmes at Moylish and Thurles campuses for 2021:

- LC341 Architectural Technology** (Level 8) - page 230
- LC396 Business Studies with Beauty & Spa Services** (Level 7) - page 362
- LC297 Community & Addiction Studies** (Level 8) - page 282
- LC322 Enterprise & Innovation** (Level 7) - page 330
- LC506 Visual Effects for Film, TV & Animation** (Level 8) - page 116
- Add-on Agricultural Engineering** (Level 7) - page 200



## Recognising volunteering and leadership: Launch of inaugural LIT Gaelic Grounds Scholarships

Three Limerick GAA club members attending LIT received the inaugural LIT Gaelic Grounds Scholarships in 2019/2020. As part of the scholarship programme, the recipients had their college fees paid for the year. The unique scholarship programme, aimed at Limerick GAA members who currently attend or plan to attend LIT is an integral part of LIT's partnership with Limerick GAA. The scholarships encompass both LIT's and Limerick GAA's joint values of community support and involvement, by supporting access to education and encouraging our students to get involved in their local clubs and voluntary organisations. They aim to give students the opportunity to develop and attain the highest level in their chosen sport while studying in LIT. Further information on Sports Scholarships is available at [www.lit.ie/sports](http://www.lit.ie/sports)

## LIT supports 20x20 campaign

LIT is proud to support the 20x20 initiative aimed at promoting a more inclusive, healthier Ireland and we have pledged to support our female student body becoming more active and involved in sport by signing the 20 x 20 charter. Our students can try several different sports at either recreational or competitive level and we encourage you to get involved and show your stripes! To quote the 20x20 motto: if she can't see it, she can't be it.



# President's Welcome

**I am delighted that you are considering LIT for your future.**

**Your future is very important to us and we believe that in coming here you will also future-proof your professional and personal development.**

You'll be joining LIT at a very exciting time. Already among the most vibrant and connected institutions in Ireland, we are rapidly moving towards designation as Ireland's newest Technological University through our consortium with AIT.

I expect that the class of 2021 will be the first cohort to join the new Technological University, so you will play your own unique role in the story of the Technological University.

Your new university will retain its commitment to small class sizes, to a supportive and friendly approach to education, and to practical learning. The university will be made up of campuses in Clare, Limerick, Tipperary and Westmeath, each one a community of learners, filled with a very broad diversity of programmes and people exploring new

ideas, pursuing new knowledge, creating new art, and filling our workshops, studios and labs with the vitality that comes from committing to discovery and creativity.

As a member of our community, you will know your classmates and your lecturers. You will get to know many other students through your involvement in our many sports and social clubs.

That is why LIT scores at the very top of Irish student surveys for friendliness, access to lecturers and diversity. This is something that we are very proud of and which we will always retain.

LIT graduates have the highest employment rate in Ireland outside of Dublin (HEA, 2020). Our programmes are developed in partnership with industry, professional bodies and the community to give you the best possible employment and academic outcomes.

I invite you to explore this prospectus and see if you can find a programme to fit your needs. You can be assured that if it fits your needs it is also fitting the needs of a potential employer.

We are very open to applications from mature students looking to return to



education. You will be joining a very large cohort of fellow mature students and if you have the right qualifications and experience you may be able to gain exemptions.

Since 1852, our graduates have been very successful in every field of endeavour, from business to the science, technology, public service, engineering, hospitality and tourism, fashion and the arts. The educational heritage we hold is always adapting to the needs of our changing society. We are now on the verge of the next transformation into a Technological University.

Be part of that heritage; join us on an exciting journey.

I wish you all the best with the decisions you have to make.

Good luck.

**Prof. Vincent Cunnane**  
President, LIT



# Schools Liaison Office

**Our Schools Liaison Office provides a range of services to give prospective students relevant information about LIT programmes, entry requirements, student support services and student life in general at LIT.**

We host many events and initiatives each year giving students opportunities to explore our campuses, view our facilities at first-hand and experience LIT's practical learning in action. From Culinary Arts Taster Days and Engineering Workshops, to Leaving Certificate Revision Seminars and Art and Design Portfolio information days, our schools programmes are tailor-made for students and provide valuable opportunities to undertake meaningful course research, leading to informed CAO decisions.

**LIT's Schools Liaison Office is an ideal point of contact for second level and post leaving certificate students considering their college options, as well as for Parents or Guardians, Guidance Counsellors, or anyone wishing to find out more about LIT.**

Our services include:

- Open Days and Information Events
- School Visits/Presentations
- Information stands at schools
- Careers Fairs and Exhibitions
- Campus Tours
- Discovery Events



## OPEN DAYS AND INFORMATION EVENTS

Our Open Days are a major event on our calendar where we invite prospective students to visit us and see for themselves the great all-round college experience LIT offers. The Open Days are the perfect opportunity for students to learn about their preferred course in detail, take a tour of the campus(es) and explore our facilities. Staff and student representatives are available each day to meet students.

We host many additional information events for students, teachers and parents throughout the year across our campuses in Limerick, Tipperary and Clare. Details of these events will be notified to schools in advance and are advertised on our CAO Hub: [www.lit.ie/cao](http://www.lit.ie/cao)

## SCHOOL VISITS/PRESENTATIONS

School visits by LIT personnel are available throughout the year. The visit comprises of a presentation/talk and can be general or department/programme specific. The general presentation consists of an overview of LIT, a brief summary of the programmes available, student services and the facilities on offer.

Specific presentations can also be organised for:

- Art & Design
- Business & Humanities
- Applied Science, Engineering & Technology

## INFORMATION STANDS

The Schools' Liaison team are available to visit schools and host an information stand to answer questions from students or teachers.

## CAREERS FAIRS AND EXHIBITIONS

We attend careers fairs and exhibitions around the country throughout the year, including Higher Options Dublin, the Mid-West Careers Exhibition, Career Options Cork and many local and regional events.

If you have an event that you would like LIT to attend, contact our Schools Liaison Office and we will try to accommodate you.

## CAMPUS TOURS

At LIT, our doors are always open and we are happy to arrange visits and guided tours of any of our campuses in Limerick, Thurles, Clonmel or Ennis. Simply contact us in advance to arrange a visit.

## DISCOVERY EVENTS

Our campuses host a variety of events throughout the year including Science and Engineering Weeks, Construction Day, MarketLink, Portfolio Information Days, Games Fleadh, and many more. These discovery events are designed to introduce students to our diverse programme areas and the career opportunities available. Should your students wish to explore a specific department or programme, we will happily work with you to arrange a visit, demonstration/presentation.

## PUBLICATIONS

LIT's Prospectus and other Institute literature are updated annually and are distributed to schools and learning centres nationwide. They are also available at the many careers exhibitions LIT attends around the country. Prospective students can also access college publications and detailed programme information on our CAO information hub: [www.lit.ie/cao](http://www.lit.ie/cao)

## TALKS FOR GUIDANCE COUNSELLORS AND PARENTS

We are happy to provide information talks for Guidance Counsellor groups and Parents groups.

For further information on our services for schools, or to request a school visit, contact:

**Ann McBride,**  
**Schools Liaison Officer**  
**T: 0504 28021**  
**E: [schools@lit.ie](mailto:schools@lit.ie)**  
**W: [www.lit.ie/cao](http://www.lit.ie/cao)**

Keep in touch with news and events at LIT via our Social Media pages:

-  LimerickIT
-  @LimerickIT
-  LimerickIT
-  Limerick\_IT
-  LITSNAP

*\* In normal circumstances, we would look forward to visiting your school or further education centre this year or inviting your students onto our campuses to ensure they have all the information they require about LIT in advance of making an informed CAO choice. Due to the ongoing Covid-19 pandemic, this year our school visits and on-campus events will be replaced with a series of virtual events, but our team are available to help you and your students. Please contact us at: [schools@lit.ie](mailto:schools@lit.ie)*



**LIT's Schools Liaison Office is an ideal point of contact for second level and post leaving certificate students considering their college options.**



COMMUNITY

# About LIT

**Limerick Institute of Technology is home to over 6,500 students across vibrant campuses in Limerick City, Thurles, Clonmel and Ennis, offering lively and enjoyable student experiences. We are also currently developing a new state of the art engineering focussed campus at Coonagh in Limerick.**



**As a student in LIT, you will enjoy a fun and rewarding college journey. Each of our campuses is a community of learners, where you can get to know your classmates and lecturers in a relaxed and positive environment.**



### **CHOOSING YOUR COLLEGE**

When you're thinking about what college to choose, it can be a daunting process; there are so many factors to consider - course choice, location and accommodation costs. We also know that college life is about much more than just study! While it certainly involves attending lectures, studying and developing skills for your chosen career, your college experience also brings new freedom and the

independence to make your own choices and decisions. You may be moving away from home for the first time – and our locations in Limerick, Tipperary and Clare offer you an exciting opportunity to make a new city or town your home for a few years. We pride ourselves in our ability to support our students, so as you prepare to embark on a new journey, we'll be with you every step of the way.

## **Just some of the many great reasons to choose LIT:**

### **Active Learning**

Our students combine practice with theory, offering you an experiential model of learning and equipping you with essential skills you can take into your chosen career.

### **Student-Lecturer Ratio**

As a student in LIT, you will not get lost in the crowd. Our student to lecturer ratio allows for great participation and discussion in lectures. All LIT campuses are a tight knit community of learners where students have easy access to lecturers whether you meet them on the corridors, in the canteen, or for scheduled meetings, which are easy to organise.

### **Employable**

LIT graduates are industry ready and highly employable. The latest Higher Education Authority (HEA) Graduate Outcome Survey reported that LIT has the highest rate of full-time employment in any higher education institution outside of Dublin, with 91% of our graduates in either employment or further study nine months after graduating. Furthermore, almost two thirds of LIT graduates remain in Limerick, Clare or Tipperary, so not only will you graduate from LIT with a recognised degree relevant to your field of study but thanks to our practical approach to learning, you will also possess the skillset and experience employers look for.

### **Supportive**

We are proud of our record of access and support and we provide an extensive range of support services for students, designed to assist you to reach your full potential and enjoy your college experience in a relaxed and supportive environment. Our 'Engage' programme for incoming first year students gives you the tools you need to successfully navigate college life. During the first weeks of term, our Student Leaders are on-hand each day to provide advice while you find your feet and give you all the important information you need about campus life, clubs and societies and how to access supports.



### **Affordable**

The cost of student living in Limerick and in our regional campus towns of Thurles, Clonmel and Ennis is lower than many other cities, with most student accommodation located within easy walking distance of our campuses. Whether you commute to college or live in one of our campus locations, the lower student living costs means you'll have more disposable income and less financial pressure.

# Our Campus Locations

## Limerick City

On the banks of the mighty river Shannon, Limerick is Ireland's third largest city and home to some 20,000 third level students. With much of the city's population under thirty, Limerick has an energetic and vibrant feel with plenty to offer its diverse student population. An attractive and modern city with plenty of shops, bistros, the famed Milk Market and a nightlife and music scene to suit all tastes and budgets, Limerick is big enough to feel lively but small enough to feel like home. The city has at its heart its medieval core and prides itself on its rich heritage and many historical attractions including the 13th century King John's Castle and the Treaty Stone.

The city really is a perfect blend of modern and medieval and offers a great student experience. If sport is your passion, you'll find plenty to keep you entertained here as Limerick boasts a strong and proud sporting tradition, in both Gaelic games and rugby, with our love of rugby in particular, world renowned. Spend a weekend in Limerick and experience the city's love of sport, and see its competitive streak come alive!



## MOYLISH CAMPUS

The main campus at Moylish Park is located next to Munster Rugby's Thomond Park and is a short walk from Limerick GAA's LIT Gaelic Grounds, home of the 2018 All-Ireland Senior Hurling Champions and 2019 Munster Champions. In 2019, LIT and Limerick GAA signed a unique partnership agreement that will yield many advantages for LIT students, including a dedicated sports scholarship programme.

A vibrant campus community, facilities at Moylish include the Millennium Theatre, lecture theatres and science labs, modern computer suites, student support services and the student centre with its radio station and games room. The campus has an impressive range of sports facilities for students, with three full size grass pitches and an all-weather playing pitch, as well as a fitness centre and indoor sports hall. Although the largest of the LIT campuses, our commitment to small class sizes and our open, supportive and friendly environment ensures that as a student in LIT, you won't get lost in the crowd here.

## COONAGH CAMPUS

Our Coonagh Campus in Limerick – the Mid West's first engineering focused higher education campus, will be a place of learning for many of you. Coonagh will provide state of the art learning and research facilities and over 500 additional places for LIT's engineering courses.

Designed to provide agility of use, the campus will go beyond what is traditionally expected from an educational institution. It will provide facilities that encourage education and research to co-exist, facilitate industry leaders to meet and share ideas, benefitting companies to use the various diverse spaces for training and seminars.

## CLARE STREET AND GEORGE'S QUAY CAMPUSES

The Clare Street and George's Quay Campuses are home to our internationally renowned Limerick School of Art & Design (LSAD), a vibrant, living "canvas" for the creation, display and celebration of the artistic talents of our students. It has an award winning reputation, including our Fashion Department listed in the top 50 worldwide, and cutting-edge creative technologies for student learning.

LSAD is one of the most significant providers of art and design education in Ireland. Students learn from leading art and design practitioners; can access excellent workshop, studio and exhibition facilities and where their education is informed by the latest developments in the wider world of art and design.



Hover your mobile phone camera over the QR code to download the Limerick City Student Map at: [www.limerick.ie/discover/learning](http://www.limerick.ie/discover/learning)

## County Tipperary

LIT's Tipperary campuses are located in Thurles and Clonmel.



**The LIT Thurles campus includes the cutting-edge LIT SportsLab – a world-standard sports strength and conditioning complex.**

### THURLES CAMPUS

Thurles is a vibrant town and is a great, central location in which to live and study. Well serviced by the Irish Rail network and growing its reputation as a college town, Thurles has many cultural and recreational facilities, from the Source Arts Centre and Theatre to a well-equipped leisure centre, multiscreen cinema complex, and a modern shopping centre. Thurles is synonymous with the GAA and in Liberty Square is Hayes Hotel, which held the first historic meeting of the GAA in 1884, while the renowned Semple Stadium, the spiritual home of hurling, is situated a stone's throw from our Thurles Campus.

A student centred and friendly campus environment, LIT Thurles incorporates a 200-seater conference centre, lecture theatres, computer suites, science laboratories and specialist games development labs. It also boasts the cutting-edge LIT SportsLab, a world standard strength and conditioning facility. Further sport developments are planned, including a new, indoor clay court tennis facility and additional GAA facilities.

### DIGITAL CAMPUS CLONMEL

LIT Digital Campus Clonmel is situated in the south of the county in the heart of the Golden Vale. With a population of almost 20,000, Clonmel has numerous cafés, restaurants and lively pubs, and offers plenty of amenities for students living locally. After a hard day's work in college enjoy the beautiful Suir Blueway Tipperary, with 21km of the 53km route accessible by bike or foot.

Although a small campus, Clonmel provides a relaxed and friendly, yet creative learning space for students and is the centre for our popular and innovative degrees in Game Art & Design, Digital Animation, and Creative Media and Design.

**Our commitment to small class sizes and our open, supportive and friendly environment ensures that as a student in LIT, you won't get lost in the crowd here.**



## County Clare

### ENNIS CAMPUS

The LIT Ennis Campus is located on Bindon Street in the town's historic heart. This lively, bustling market town is home to LIT's expanded level of daytime undergraduate education in Co. Clare and the new facility will enable a substantial increase in the education offering in the town. A total of 5 degree programmes in Social Care Work, Early Childhood Education and Care, and Business are available through the CAO at LIT in Ennis.



SUPPORTIVE



# Support Services for Students

LIT has a dynamic and interactive campus environment. The dedication and commitment of our staff and students is reflected in the energy and enthusiasm that extends to every aspect of our goal to support a positive student experience.

Students have many opportunities to participate in activities that support their academic, cultural, social, sporting interests and preferences. We also recognise that college life can be challenging and to support students we provide a comprehensive range of student services, supports and initiatives which enhance the student experience.

## STUDENT HEALTH UNIT

A free, confidential nursing service is available to all full-time registered students at LIT. Institute Doctors are available to students at specific times. Where a nurse is available on campus, all appointments for the doctor must be made at the Student Health Unit through the nurse. The fee for the doctor is €15 for registered students and free for Medical Card holders outside of a 5-mile radius of the relevant LIT campus. For further information, visit: [www.lit.ie/studenthealth](http://www.lit.ie/studenthealth) or contact: [nurses@lit.ie](mailto:nurses@lit.ie) for any medical related enquiries.

## STUDENT COUNSELLING SERVICE

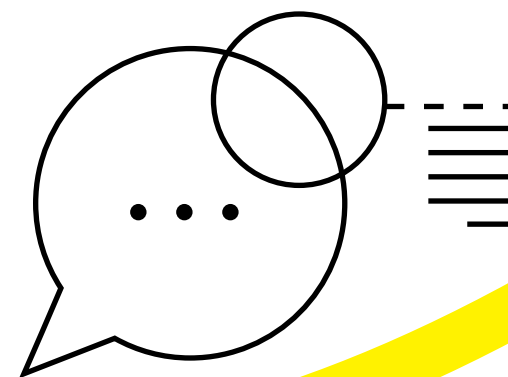
LIT offers a free, confidential and professional counselling service to all registered students. The student counselling service is staffed by highly qualified and experienced psychologists, psychotherapists and counsellors.

Our aim is to provide accessible, available and student-friendly support for students when a personal issue or crisis arises which affects wellbeing, happiness, capacity to cope, relationships or learning.

Counselling services provided include:

- Short term counselling for personal issues including crisis and emergency appointments.
- Support groups to support you in areas of mindfulness and overcoming anxiety.
- Wellbeing workshops in self-esteem, enhancing social skills, relaxation and managing stress.
- Positive mental health promotion initiatives and mental health awareness campaigns.

Please visit [www.lit.ie/counselling](http://www.lit.ie/counselling) for further information on services available and how to make a counselling appointment. Our website also provides information on support services in the community, helpline numbers and out of hours services.



## ACCESS SERVICE

LIT is committed to promoting equitable access to and successful participation in higher education for all members of society. Through the work of the LIT Access Service, targeted strategies and initiatives are delivered so as to facilitate entry to and successful participation in higher education for underrepresented students. The successful realisation of the widening participation agenda also requires that students are able to progress in their academic studies and move into graduate employment.

Primarily, the Access service works with the following groups:

- Students who experience socio-economic disadvantage
- Students with a Disability and/or Specific Learning Difficulty
- Mature Students
- Irish Travellers
- Lone Parents

The Access service delivers a range of support programmes to promote access that include:

- Mature students are also supported through a Mature Student Support Network and relevant academic workshops tailored to address the needs of mature students so that they get the most out of their studies.
- LIT is a member of the Higher Education Access Route (HEAR). HEAR is a third level alternative admissions scheme for school-leavers who have the ability to benefit from and succeed in higher education, but who may not be able to meet the points for their preferred course due to the impact of socioeconomic disadvantage. LIT offers reduced-points places and extra college supports for students who meet the criteria for admission under HEAR.



- Financial guidance and support through the ESF Student Assistance Fund. The Student Assistance Fund is funded by the Irish Government and part funded by the European Social Fund Program for Employability, Inclusion and Learning (PEIL) 2014 - 2020.
- LIT is part of the Disability Access Route to Education (DARE) national admissions scheme that allocates reduced points places to eligible school leavers under 23 years old as of 1st January 2018, with specific learning difficulties, health conditions and/or disabilities.
- Students with educational support requirements are encouraged to contact the Disability Officer at [disability@lit.ie](mailto:disability@lit.ie) or **061 293112**, in advance of registration, to agree the supports needed. While there is no obligation to discuss your disability/support requirements, we recommend that you contact us as from experience, we have found that this positively supports your transition to third level. The Fund for Students with Disabilities is funded by the

Irish Government and co-funded from the ESF Programme for Employability, Inclusion and Learning (PEIL) 2014 – 2020.

- A Student Lone Parent Support Service is available and offers personalised supports on an individual basis.
- LIT are committed to increasing participation in higher education by Irish Travellers and Early School Leavers. LIT Access Service have a dedicated Access Project Officer for Irish Travellers and Early School Leavers who is available to provide individual support and guidance.
- Go4IT Access programme - a pre-entry initiative that engages with primary and secondary school children as they progress through education to third level.
- Afterschool Study Club for students which provides support and encouragement to assist students as they progress through second level.
- Transition to Higher Education programme, which is a part-time special purpose award aimed at increasing participation in third level education by under-represented student groups.
- GIVE (Guided Initiative in Voluntary Engagement) encourages students to engage in voluntary work and this engagement is recognised by the President of LIT, through a Commendation. Students can choose volunteering opportunities and log their hours at [www.studentvolunteer.ie/LIT](http://www.studentvolunteer.ie/LIT)

Full details of all services provided by the Access Service are available at: [www.lit.ie/access](http://www.lit.ie/access)

The service(s) are confidential and can be accessed by contacting [access@lit.ie](mailto:access@lit.ie) and/or [disability@lit.ie](mailto:disability@lit.ie)

## LEARNING SUPPORT UNIT

Our Learning Support Unit (LSU) is acknowledged nationally as a distinctive and valuable feature of LIT's Teaching and Learning Strategy. The LSU provides learning support on request from the student. Over 1,000 LIT students avail of Learning Support every year. Services are based on a supervised self-help model to empower the student and help them to reach their full potential. The LSU provides tuition in course subjects, Study Skills, Exam Techniques, Academic Writing, Maths, Computing and English as a Second Language.

Students apply for tuition by filling in an online application form in the Learning Support Unit section of the LIT website: [www.studentlit.sharepoint.com/Student/Services/LSU](http://www.studentlit.sharepoint.com/Student/Services/LSU)

For further information, visit [www.lit.ie/LearningSupport](http://www.lit.ie/LearningSupport) or contact [Isu@lit.ie](mailto:Isu@lit.ie)



## CHAPLAINCY AND PASTORAL CARE

LIT has a Pastoral Care Co-Ordinator based in LIT Limerick and a Chaplain based in LIT Tipperary, whose services are available to students of all religious denominations and of none. This service is available to help any member of LIT and has four main areas of support: Pastoral Care, Community, Spirituality and other general duties.

**The LIT Tipperary Chaplain and the LIT Limerick Pastoral Care Co-Ordinator, share the same main priority, and that is to treat students with respect and dignity in all situations.**

For further information, visit:

[www.lit.ie/Chaplaincy](http://www.lit.ie/Chaplaincy)

Limerick Contact:

[Theresa.OSullivan@lit.ie](mailto:Theresa.OSullivan@lit.ie)

Tipperary Contact:

[Thomas.Hearne@lit.ie](mailto:Thomas.Hearne@lit.ie)

## CAREERS & EMPLOYABILITY

The Careers and Employability Services Centre provides students and recent graduates of LIT with support and advice on Careers, Employability Skills and Work Placement, with a focus on:

- Enhancing student employability skills, supporting students achieve their full career potential,
- Working in partnership with academic departments and placement providers in supporting student work placement opportunities,
- Enabling, facilitating and enhancing employer collaborations.

The Careers & Employability service offers a range of services and supports for students, from operating an online Jobs Boards, providing CV and Interview preparation clinics and workshops, offering One-to-One Career Advice sessions and many others.

LIT recognises the importance of supporting students to develop their employability skills. Work Placement is a key strategic priority for the Institution, and is an embedded module in over 70% of courses and over 1,200 LIT students go on work placement every year. The Careers & Employability Service provides a dedicated team to administer work placement and support students develop their skills in preparation.

Ensuring LIT graduates are work-ready with the appropriate relevant skills is central to the Institution's philosophy of 'Active Learning'. The Careers & Employability team work with regional, national and international employers, facilitating activities such as employer class presentations, on-site industry visits, as well as hosting LIT's annual Career Fairs.

For more information visit [www.lit.ie/careers-employability](http://www.lit.ie/careers-employability). You can also keep in touch by emailing [careers@lit.ie](mailto:careers@lit.ie) or [workplacement@lit.ie](mailto:workplacement@lit.ie) and can stay up to date by following Careers & Employability on various platforms:

- 📷 [instagram.com/litcareers](https://www.instagram.com/litcareers)
- 📘 [facebook.com/LIT.Careers](https://www.facebook.com/LIT.Careers)
- 🐦 [twitter.com/LITCareer](https://twitter.com/LITCareer)
- 🌐 [linkedin.com/in/careersandemployability](https://www.linkedin.com/in/careersandemployability)

## LIT STUDENTS' UNION (LITSU)

The Students' Union (SU) is the representative organisation of all students in Limerick Institute of Technology. We actively support a positive student experience through students' academic affairs, students' wellbeing, the student social scene and advocating for students' rights. The Students' Union acts as an additional support mechanism for students offering a wide variety of services and information such as accommodation, travel, and finance. The SU is a platform to allow you to have fun, develop as a student, have your voice heard and help keep you safe by building awareness and support around welfare.

LIT Students' Union is run by the overall President and Vice President based in the Moylish campus, with elected officers in LSAD, Thurles and Clonmel. Each of these campuses run specific clubs and societies and host campaigns, events, etc. LITSU offices act as open resource centres to help all students and have been the first resort of many.

As a team, we represent students through committees and councils in LIT.

**Tel: 061 293135**

**Email: [SU.Reception@student.lit.ie](mailto:SU.Reception@student.lit.ie)**

**[/LITStudentsUnion](https://www.facebook.com/LITStudentsUnion)**

**Limerick Institute  
of Technology is  
proud of our record  
of access and  
support in helping  
our students to  
reach their  
educational  
goals.**



# Accommodation

An Accommodation Service is operated by the Limerick Institute of Technology Students' Union (Block 14 on Moylish Campus, Limerick), with service provision also available in Limerick School of Art and Design (LSAD), and LIT's Tipperary campuses in Thurles and Clonmel.

## LIMERICK ACCOMMODATION

The Accommodation Office in Limerick opens on a full-time basis from early August for six weeks for first year students and is available on a part time basis for all students from mid-September onwards. The service operates as follows:

1. **On a Referral Basis:** Students organise their own accommodation by visiting the dedicated Accommodation section on our website [www.lit.ie/accommodation](http://www.lit.ie/accommodation). Click on the campus you are attending to view listing.
2. **Personal Inspection:** Whereby each student inspects his/her accommodation.

For further information contact:

**Lily Goggin, Accommodation Office**

**Email:** [Lily.Goggin@lit.ie](mailto:Lily.Goggin@lit.ie)

**Tel:** (061) 293238

## THURLES AND CLONMEL CAMPUSES ACCOMMODATION

LIT's campuses in Thurles and Clonmel produce an accommodation list for incoming students each year. Accommodation ranges from houses and apartments to 'digs' where a student boards with a family. Accommodation listings are available from the Students' Union in Thurles or Clonmel or at [www.lit.ie/accommodation](http://www.lit.ie/accommodation)

Available accommodation listings are also posted in the local newspapers each week.

For further information contact:

Students' Union Office

**Email:** [su\\_thurles@student.lit.ie](mailto:su_thurles@student.lit.ie)

**Tel:** 0504 28022

### PLEASE NOTE

- Students themselves are responsible for arranging terms and conditions.
- For further information, visit [www.rtb.ie](http://www.rtb.ie) (Residential Tenancies Board Ireland).
- Finance and Accommodation Guide booklets can be requested from your local Students' Union Office.



Hover your mobile phone camera over the QR code to find out more about LIT accommodation:  
[www.lit.ie/accommodation](http://www.lit.ie/accommodation)

# Campus Resources

At LIT, we are committed to providing you with the best resources and facilities to enhance your learning experience.



## LIBRARY & INFORMATION SERVICE

LIT library service consists of 4 campus libraries, Moylish and LSAD libraries in Limerick and 2 libraries attached to LIT's Tipperary campuses at Thurles and Clonmel. All LIT students have full access to the 4 library sites. LIT library serves the learning, teaching and research needs of the Institute. Our library collection has been developed with our academic staff to reflect all disciplines taught at the Institute. Our collection development policy underlines our commitment to provide high quality, timely and relevant information resources to our users. LIT library uses the Koha library management system to underpin our services.

Our wide ranging library service includes, book, journal and CD collections, reader services, online databases, ebooks, ejournals, open access resources, Ebsco Discovery Service (EDS), printing, photocopying, inter-library loans, access to subject librarians, information literacy training sessions, online information skills tutorials, referencing, quiet and group study facilities, PC and internet access. LIT library is committed to continually developing our services and facilities to meet the needs of our users.



## COMPUTER SERVICES

LIT's Computer Services Department provides all Information and Communications Technology (ICT) requirements for the Institute across our campuses. Computers play a major role in every programme in LIT and we strive to provide you with the best possible facilities to enhance your learning experience. Hundreds of open access computers are provided around the campuses and free wireless networks facilitate internet access with "bring your own device" (BYOD) capability almost everywhere while on campus. We will provide you with a user account to access all our services, including an LIT email address, which you can use anywhere. Student web portals and online learning systems are provided so that you can download programme notes and past exam papers.

At the Moylish campus in Limerick, the main concentration of computers is in the Computer Centre, which is open from 8am to 10pm and you can also find Helpdesk services in this area. Staff at the Helpdesk are available to assist you with any queries or IT issues that you might have and are a great resource to help you get started with computing. At the Clare Street, Ennis, Thurles and Clonmel campuses, computers are available in the libraries and the Computer Services team is also available to assist students with any queries. Once you are registered, you will have access to the Student Portal where you can find all the information that you need on Computer Services, including details of student laptop schemes, software offers and other IT deals. For further information, contact the Computer Services Department Helpdesk at: [helpdesk@lit.ie](mailto:helpdesk@lit.ie) or 061 293100.

## CAMPUS RESTAURANTS

Restaurant facilities are available across all campuses and serve a variety of hot meals and other refreshments at competitive prices. The student canteens aim to provide affordable food of a high nutritional value. Several vending machines also offer a variety of snacks and beverages. The 'Green Rooms' dining space at the main campus in Moylish has benefitted from a major investment transforming the student canteen into a vibrant, social learning space.

## BANKING SERVICES

ATM services are available at the Moylish, Clare Street and Thurles campuses.

## WIRED FM RADIO STATION

Students have an opportunity to get involved in LIT's college radio station – Wired FM. LIT and Mary Immaculate College host a joint community interest radio station and each college broadcasts from its own studio. Licensed by the BCI and broadcasting on 99.9FM during the academic year, it transmits over 40 hours of programming weekly – from student current affairs to music, arts, comedy and film shows. Alumni of the station have gone on to work in RTE, Today FM, Newstalk, Spin and several other stations and media companies both in Ireland and abroad. Check out their Facebook page at: [Facebook.com/WiredFM](https://www.facebook.com/WiredFM)



**Computers play a major role in every programme in LIT and we strive to provide you with the best possible facilities to enhance your learning experience.**



ENERGETIC

# LIT Life – Sport, Clubs & Societies

**A happy college experience contributes to a successful college life and your college journey will be enhanced by the new people you meet, the new friends you make, the new experiences you encounter and the fun you have!**

Alongside a vibrant academic environment, LIT boasts a lively clubs and societies scene, ensuring that many interests are catered for and all students are encouraged to get involved in the numerous extra-curricular activities across the campuses. Clubs and societies play an important role in college life, and we recognise the positive impact that sport and activity has on physical and mental wellbeing. Our sports clubs cater for all levels of activity and you can get involved at your own pace, whether you are an elite athlete, a beginner or just looking to get fit and have fun. We participate in many inter-varsity competitions allowing students to represent the college in national competitions.


For first year students in particular, joining a club or society is a great way to make new friends and meet people with similar interests and helps in making the transition from school to college an easier one. Involvement in a club or society also helps you to develop other valuable skills alongside your academic skills, such as leadership skills through committee involvement, experience in event management and much more.

Clubs and activities include Hurling, Camogie, Men's and Ladies Gaelic Football, Men's and Ladies Rugby, Men's and Ladies Soccer, Golf, Outdoor Pursuits, Boxing, Weightlifting, Judo and Basketball....to name but a few, as well as activities such as Aerobics, Boxercise and Yoga. 'Freshers Week' takes place at the beginning of each academic year and is the main recruitment time for clubs and societies, when you can find out more about their activities and sign-up. New clubs and societies are always encouraged. For more information on Sports at LIT, see [www.lit.ie/sports](http://www.lit.ie/sports)

In addition to sports clubs, there is a diverse range of societies for students to join, such as the Movie and Photography Clubs, DJ Society, International Society, Computer Gaming Society, and Green Campus Committee.







**Our Sport  
Scholarship  
Scheme allows  
LIT students  
who are at the  
forefront of their  
chosen sport to  
apply for a range  
of supports.**

## SPORTS FACILITIES

LIT has an impressive range of sports facilities for students, including three full size pitches and an all-weather playing pitch. In Limerick, we have a fitness centre and indoor sports hall.

A purpose-built state of the art strength and conditioning building – the 'LIT SportsLab' is located at the Thurles campus. Among the facilities available in the 2,000 sq. metre facility are a 45m, six lane sprint track specifically designed to improve speed; a paralympic area, cable machines; a range of sport technology systems, including micro electro mechanical systems and GPS systems; Olympic lifting platforms; five functional screening kits; weights and the full range of exercise machines. It is a state-of-the-art facility and designed to support students enrolled on our sports programmes, as well as college teams.

LIT has signed an agreement with Thurles Tennis Club to develop a unique tennis facility at the Thurles campus. Comprising six indoor clay tennis courts in a tennis dome, the new facility will be the only one of its kind in Ireland and will position Thurles as a major centre for tennis both nationally and internationally. Construction is due to get underway soon on this exciting development, with the first courts expected to come on stream in 2022. Students at the Thurles and Clonmel campuses also have access to a wide range of sports facilities in both towns.

## SPORTS SCHOLARSHIPS

LIT's commitment to sport is underlined by our Sport Scholarship Scheme which allows LIT students who are at the forefront of their chosen sport to apply for a range of supports. In 2019, LIT awarded over 50 bursaries; nine bursaries were awarded by the Munster GAA Council. The bursaries are not aimed solely at elite players, but are open to all individuals that take part in coaching and administrative roles in all clubs across the college.

In addition to the 50 scholarships distributed, in 2019 LIT launched the LIT Gaelic Grounds Scholarship, a unique 10-year partnership with Limerick GAA aimed at building on the existing strong relationship between Limerick GAA and LIT, by supporting talent in Limerick communities through a range of initiatives that will deliver new benefits and opportunities.

The LIT Gaelic Grounds Scholarship is open to all members of Limerick GAA. The scholarships aim to give students the opportunity to develop and attain the highest level in their chosen sport while studying in LIT. The scheme also includes administration scholarships for those who are supporting the LIT sports clubs and their own club/community through other areas, e.g. Social media, Club Administration and demonstrated Community Leadership. The contents of each scholarship can be significant to successful applicants and can include financial support, academic support, accommodation support, injury management, payment of fees and much more.

Further information on Sports Scholarships is available from the LIT Sports Office, or visit the website at [www.lit.ie/sports](http://www.lit.ie/sports) where an application form can be downloaded.



Hover your mobile phone camera over the QR code to find out more about **LIT Sports Scholarships**

# We are Community

At LIT, we are proud of our record of participation and we have a long-standing tradition of community and charity involvement that extends into the everyday life in LIT. Getting involved is the best way to enjoy your college experience and our students are world record holders!



## Scrum for Axel

April 4th 2017 is marked in the official Guinness World Record books as the day the LIT community came together in honour of the late, great Munster and Ireland rugby legend, Anthony Foley. In the shadow of the great Thomond Park, 1,740 people from across the Mid-West gathered to break a world record with our 'Scrum for Axel'. The record-breaking event was the brainchild of our Business and Sports Management students and totally captured the public imagination - as young and old, from LIT students and staff, local primary, secondary schools and rugby clubs, to parents, children and pensioners joined together to create the special tribute in honour of the local rugby hero and is an achievement everyone in LIT is particularly proud of.

## MarketLink

Over the last ten years, students in our Faculty of Business and Humanities have raised more than €40,000 for local charities through our Marketing and Enterprise programme 'MarketLink'. The initiative is both an educational and fun opportunity for students to develop and market their own business idea, with all the profits going to charities chosen by the students. The event is a major highlight in our calendar and one that all of LIT looks forward to each November, with the competition getting more intense with each passing year!



## Most Nationalities to take part in a Hurling match

Our second Guinness World Record was received in March 2019 when our students organised a hurling match made up of over 100 international players from at least 31 nationalities! Inspired by Limerick's victory in the 2018 All Ireland Hurling final, LIT students decided to introduce the world's fastest field sport to the many international students that make LIT their home each year. In preparation for the record-breaking attempt, serious levels of preparation went into training the new hurling converts and on the day the participants embraced the game with enthusiasm, with several even suggesting they might take up the game! The result – a second world record in as many years!

## Wheelchair Hurling Showcase

Putting their Event Management programme studies into practice, students organised a fundraising tournament with the Munster inter-provincial Wheelchair hurling champions in March 2020. The Wheelchair Hurling showcase gave students an opportunity to sample this fast-paced game at a competitive level and invited able-bodied people as well as everyday wheelchair users to try out the sport. Wheelchair Hurling is a skilful game and the successful event introduced the sport to the wider LIT community, while also promoting both the GAA and LIT's sport for all motto.



# How to Apply to LIT

Application for entry to first year of all programmes at LIT is through the Central Applications Office (CAO). Application packs are available from: Central Applications Office, Tower House, Eglinton Street, Galway.

**Web: [www.cao.ie](http://www.cao.ie) Tel: 091 509800**

The CAO publishes a joint handbook and application form. It is important that you read the information carefully and follow the directions given.

## Key CAO Dates to Remember:

### 1<sup>st</sup> February 2021

Initial CAO Application deadline  
(Also Mature Applicant closing date)

### 1<sup>st</sup> May 2021

Late CAO Application deadline

### 1<sup>st</sup> July 2021

CAO Change of Mind deadline

## MAIN APPLICATION TYPES TO CAO

### Standard Applications

A standard application is categorised as an application from:

1. A person presenting Leaving Certificate or QQI/FET/FETAC LEVEL 5/6 examinations to meet minimum entry requirements; and
2. GCE/GCSE applicants
3. Is not of mature years

### Non-Standard Applications

A non-standard application refers to applicants who are required to provide additional information when applying to CAO. The main categories of non-standard applicants are:

- Mature applicants
- Holders of other School Leaving examinations
- Further Education (other than QQI/FET/FETAC) applicants
- Previous Higher Education

For applications to Social Care Work programmes LC292, LC402, LC612 and LC602 from QQI-FET/FETAC applicants, Mature applicants, International applicants

and Transfer applicants selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.

Applicants will be notified about the nature and time of any assessments or other requirements during the period February – April (for those who apply by 1st February), and during the period May - July (for those who apply by 1st May) or include such courses under 'Change of Mind'.

### Non-Standard/Mature Applications

LIT welcomes and encourages participation from mature learners in its programmes and will accept applications from persons of mature years. EU Nationals wishing to make a non-standard mature student application must be aged 23 before 1st January 2021, i.e., the year of entry to an undergraduate programme.

Such applications, together with documentary proof of relevant work experience and/or qualifications which they wish to have considered, should reach the CAO on or before 1st February, in year of entry to a programme. Although the Institute will try to assess all non-standard applications and offer courses on the basis of information provided, it reserves the right to call non-standard applicants to the Institute for an interview.

The Institute may at its discretion extend the closing date for Mature Applicants to 1st May for specific programmes only. Applicants are advised to contact the Admissions Office at LIT for a list of such programmes. For further information on applying to LIT as a mature applicant, contact:

### Admissions Limerick:

**Email: [admissions@lit.ie](mailto:admissions@lit.ie)  
Tel: 061 293262**

### Admissions Tipperary:

**Email: [tippadmissions@lit.ie](mailto:tippadmissions@lit.ie)  
Tel: 0504 28072**

## **DARE SCHEME APPLICANTS (alternative admissions scheme)**

LIT is a member of the Disability Access Route to Education (DARE) Scheme. School-leavers with a disability applying for full time undergraduate programmes at LIT should apply via the Central Applications Office (CAO), indicating on their application that they have a disability or specific learning difficulty.

### **What is the DARE Scheme?**

The Disability Access Route to Education (DARE) is a third level alternative admissions scheme which offers reduced points places to school leavers who as a result of having a disability have experienced additional educational challenges in second level education. Detailed information about LIT's admissions policy for eligible DARE applicants is available on the DARE website at [www.accesscollege.ie/dare/participating-colleges/limerick-institute-of-technology](http://www.accesscollege.ie/dare/participating-colleges/limerick-institute-of-technology)

### **Who can apply to DARE?**

DARE is for school leavers under the age of 23, who have the ability to benefit from and succeed in higher education, but who may not be able to meet the points for their preferred course due to the impact of a disability on their second level education. Applicants to DARE can present with an Irish Leaving Certificate, A-Levels and other EU qualifications.

### **How do I apply to DARE?**

Before submitting a DARE Application, you should read the DARE Application Guide & Workbook and discuss this with your parents, guardians or guidance counsellor. Applicants wishing to apply to DARE should do so online through the CAO. You can find full instructions on how to apply to the DARE Scheme, including information about application deadlines and age requirements, on the DARE website at [www.accesscollege.ie](http://www.accesscollege.ie)

## **HEAR SCHEME APPLICANTS (alternative admissions scheme)**

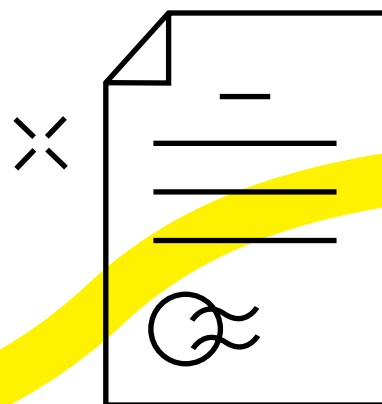
LIT is a member of the Higher Education Access Route (HEAR). This scheme offers reduced points places and extra college supports to school-leavers from socioeconomically disadvantaged backgrounds. Applicants must apply via the CAO, indicating that they wish to be considered for the HEAR scheme.

### **Who can apply to HEAR?**

HEAR is for school leavers under 23 as of 1st January 2021, who have the ability to benefit from and succeed in higher education, but who may not be able to meet the points for their preferred course due to the impact of socioeconomic disadvantage. Applicants to HEAR can present with an Irish Leaving Certificate, A-Levels and other EU qualifications.

### **How do I apply to HEAR?**

Before submitting a HEAR application, you should read the HEAR Application Guide & Workbook and discuss this with your parents, guardians or guidance counsellor. Applicants wishing to apply to HEAR should do so online through the CAO by 1st February 2021. Full instructions on how to apply to the HEAR scheme are available on the HEAR website at [www.accesscollege.ie](http://www.accesscollege.ie)



## **APPLICATIONS TO YEAR 2, 3 AND 4 OF ALL PROGRAMMES**

**Closing date for Advanced Entry  
Candidates (External Transfers):  
1st May 2021**

**Closing date for Internal Transfers:  
31st May 2021**

Advanced Entry is possible to year 2, 3 or 4 of LIT programmes where sufficient entry requirements are met. All Admissions and Progressions are subject to availability of places on the programme applied for and applicants are ranked in order of merit. Advanced Entry for places to programmes other than Year 1 should be made directly to the Admissions Office at LIT.

### **LIMERICK/ENNIS ADMISSIONS:**

**Admissions Office, LIT,  
Moylish Park, Limerick**

**Tel: 061 293853 / 061 293851**

**Email: [admissions@lit.ie](mailto:admissions@lit.ie)**

Applications received after 1st May will only be considered for places as vacancies arise.

### **THURLES/CLONMEL ADMISSIONS:**

**Admissions Office, LIT Thurles  
Campus, Nenagh Road,  
Thurles, Co. Tipperary**

**Tel: 0504 28072**

**Email: [tippadmissions@lit.ie](mailto:tippadmissions@lit.ie)**

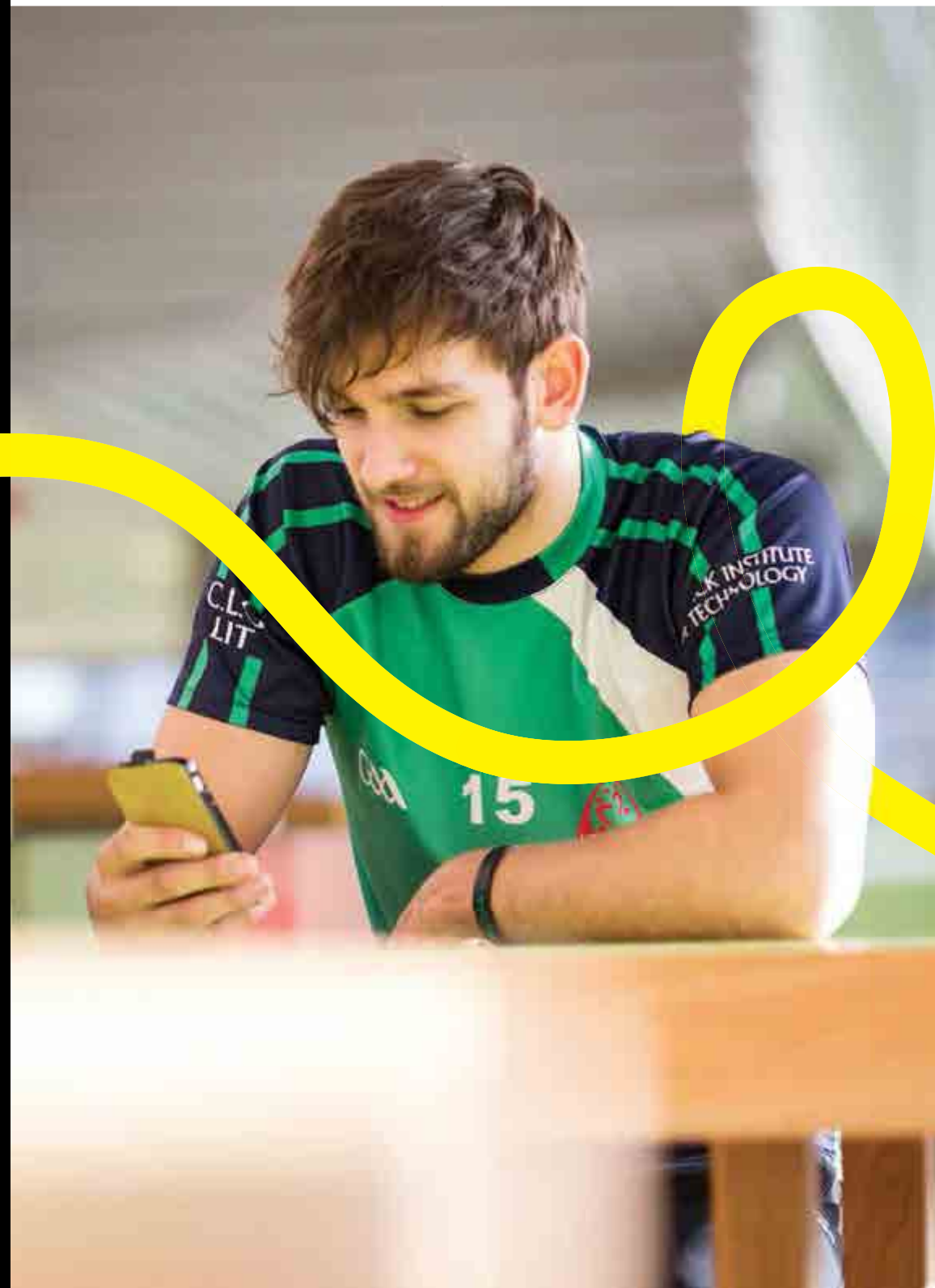
## **ACCUMULATION OF CREDITS AND CERTIFICATION OF MODULES (ACCS)**

This is an innovative scheme whereby programmes or constituent modules of programmes may be offered on a single-module basis. Module certificates are awarded to successful participants and credits are accumulated towards a full award. The programme is especially suitable for adults and people in industry generally, with limited time available for attendance and study, but who require access to the educational system. Pro-rata fees will apply to ACCS Learners. Note: 1st Year ACCS Learners must apply through the CAO.



# Entry Requirements

**This section sets out the standard required for entry to programmes at Limerick Institute of Technology (LIT). If you do not meet these, you cannot be offered a place, even if your points are higher than the minimum. You may combine results from more than one sitting of the Leaving Certificate for the purposes of qualification only.**



## LEAVING CERTIFICATE GRADING SCALE AND REVISED COMMON POINTS SCALE

NEW GRADES	% MARKS
H1 / O1	90 – 100
H2 / O2	80 < 90
H3 / O3	70 < 80
H4 / O4	60 < 70
H5 / O5	50 < 60
H6 / O6	40 < 50
H7 < O7	30 < 40
H8 / O8	0 < 30

The scale has 8 grades, the highest grade is a Grade 1; the lowest grade is a Grade 8. The highest seven grades 1-7 divide the marks range 100% to 30% into seven equal grade bands 10% wide, with a grade 8 being awarded for percentage marks of less than 30%. The grades at Higher Level and Ordinary Level are distinguished by prefixing the grade with H or O respectively, giving H1-H8 at Higher Level, and O1-O8 at Ordinary Level.

## Leaving Certificate

For students with Leaving Certificate qualifications, the minimum entry requirements for entry to the first year of programmes are as follows, however, applicants should also check for the specific requirements given on each programme page.

### Higher Certificate (Level 6) programmes

You must have 5 O6 /H7 grades or higher at Ordinary Level in five Leaving Certificate subjects. Two of these subjects must include: \*#Mathematics and a Language (English or Irish). In practice, entry levels are significantly above the minimum and points are calculated from the six best subjects from one sitting.

### Bachelor Degree (Level 7) programmes

You must have 5 O6/H7 grades or higher at Ordinary Level in five Leaving Certificate subjects. Two of these subjects must include: \*#Mathematics and a Language (English or Irish). In practice, entry levels are significantly above the minimum and points are calculated from the six best subjects from one sitting.

### Honours Bachelor Degree (Level 8) programmes

You must have 2 H5 grades or higher in two Higher Level subjects, together with 4 O6/H7 grades or higher in four other Ordinary Level subjects in Leaving Certificate subjects. Two of these subjects must include: \*#Mathematics and a Language (English or Irish). In practice, entry levels are significantly above the minimum, and points are calculated from the six best subjects from one sitting.

*\* Foundation Level Mathematics will only be accepted, as meeting the Mathematics requirement for programmes listed in section 'Foundation Level Mathematics'.*

*\* Leaving Certificate Maths at Grade O4 is required for entry to Level 8 programmes, and at Grade O5 for entry to Level 7 programmes in the **Department of Electrical & Electronic Engineering**. Refer to Department of Electrical & Electronic Engineering section for information.*

### Calculation of Points

Limerick Institute of Technology will award points for Leaving Certificate grades based on:

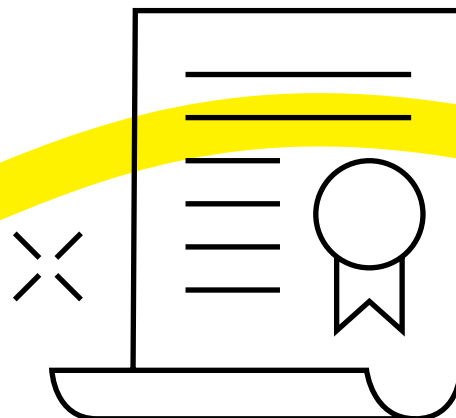
1. Points are counted for best six subjects.
2. Points are counted from only one sitting of the Leaving Certificate.

### Leaving Certificate grading scale (introduced in 2017):

HIGHER		ORDINARY	
Grade	Points	Grade	Points
H1	100		
H2	88		
H3	77		
H4	66		
H5	56	O1	56
H6	46	O2	46
H7	37	O3	37
H8	0	O4	28
		O5	20
		O6	12
		O7	0
		O8	0

### For students who sat the Leaving Certificate from 1992–2016, points will be awarded as follows:

Current (Pre 2017 LC Grading Scale)	New Leaving Certificate Grading Scale	New Points at Higher Level	New Points at Ordinary Level
A1	H1 / O1	100	56
A2	H2 / O2	88	46
B1			
B2	H3 / O3	77	37
B3			
C1	H4 / O4	66	28
C2			
C3	H5 / O5	56	20
D1			
D2	H6 / O6	46	12
D3			
E		33	0

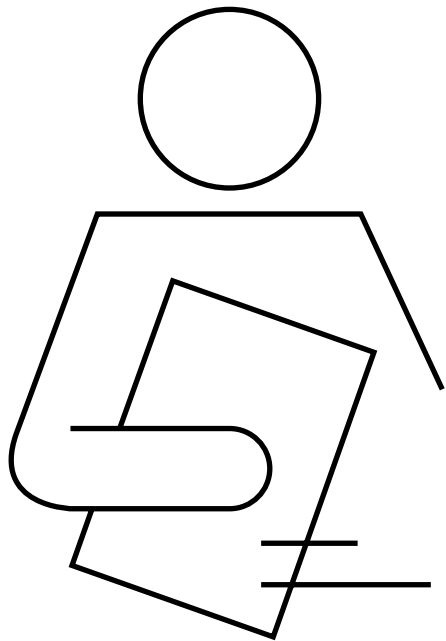


### Bonus Points for Honours Mathematics

25 bonus points will be awarded to any CAO applicant who has gained a grade H6 or Higher in Leaving Certificate Honours Mathematics.

### Foundation Level Irish

Foundation Level Irish at Grade F2 will meet the minimum language requirement for all programmes.



### Foundation Level Mathematics\*

Foundation Level Mathematics at Grade F2 or higher is acceptable as meeting the Mathematics requirement for the following programmes at LIT.

**\* Please note, the following list is correct at the time of print; for the most updated list please check [www.lit.ie/admissions](http://www.lit.ie/admissions).**

<b>LC372/LC270</b>	Music Technology & Production
<b>LC371/LC276</b>	Creative Broadcast & Film Production
<b>LC292</b>	Social Care Work (Limerick)
<b>LC402</b>	Social Care Work (Thurles)
<b>LC602/LC612</b>	Social Care Work (Ennis)
<b>LC228</b>	Sports Development & Coaching
<b>LC290</b>	Sports Development & Performance
<b>LC295</b>	Business Studies with Sports Management
<b>LC397</b>	Business Studies with Sport
<b>LC294</b>	Business Studies with Event Management
<b>LC293</b>	Business Studies with Travel & Tourism Management
<b>LC392</b>	Business Studies with Beauty & Spa Management
<b>LC396</b>	Business Studies in Beauty & Spa Services
<b>LC393</b>	Early Childhood Education & Care (Limerick)
<b>LC401/LC432</b>	Early Childhood Education & Care (Thurles)
<b>LC613/LC603</b>	Early Childhood Education & Care (Ennis)
<b>LC398</b>	Culinary Arts
<b>LC399</b>	Hospitality Supervision

## Qualifications other than the Leaving Certificate

### QQI-FET/FETAC

LIT accepts QQI-FET/FETAC awards for entry on all programmes of study. The following minimum entry requirements will apply to graduates of QQI-FET/FETAC qualifications who are seeking admission to programmes at Limerick Institute of Technology:

#### Higher Certificate (Level 6)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits.

#### Ab-initio Bachelor Degree (Level 7)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits.

#### Ab-initio Honours Bachelor Degree (Level 8)

Minimum entry: A full QQI FET/FETAC Level 5 award totalling 120 credits and including a Distinction grade in at least three modules.

Please note that special requirements may exist for particular programmes, for example, a requirement for a particular subject such as Mathematics.

A full FETAC award normally contains 8 modules. A full award may be accumulated over more than one academic year. In such cases, it is the responsibility of the applicant to contact QQI FET/FETAC for a full award where programmes are taken over more than one year. A QQI FET/FETAC Level 5 or Level 6 Record of Achievement does not meet the minimum entry standards.

The maximum possible total score will be multiplied by 13 and divided

by 12, to give a maximum overall points score of 390 for applicants from further education and training.

If a QQI FET/FETAC applicant also presents a Leaving Certificate, the CAO will use whichever is the better. Applicants to Restricted Application programmes or programmes where a Portfolio is required will have their Portfolio Score added to their QQIFET/FETAC Score.

**Note:** For applications to Social Care Work programmes LC292, LC402, LC612 and LC602 from QQI-FET/FETAC applicants, selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.

### Leaving Certificate Vocational Programme (LCVP)

Students apply through the CAO in the normal way. The LCVP module will be considered as a passing module provided the applicant achieves at least a pass grade. This will apply for entry to Honours Degree (Level 8), Ordinary Degree (Level 7) and Higher Certificate (Level 6) programmes. With the introduction of the new Leaving Certificate grades, points will be awarded for LCVP Link Modules as follows:

**Pass:** 28 points

**Merit:** 46 points

**Distinction:** 66 points

### Leaving Certificate Applied Programme (LCA)

The LCA subjects do not meet the minimum entry requirements for admission to academic programmes at LIT and are not considered passing subjects. Holders of the Leaving Certificate Applied programme may wish to undertake a QQI FET programme in order to gain eligibility for entry to third level programmes at LIT.



INTERNATIONAL



# International Applications & Study Abroad

LIT is a popular choice for international students and our community of international students is growing considerably. This is due to LIT's philosophy of active learning, which combines the best academic teaching with practical, hands-on learning activities at the leading-edge of industry demands in engineering, science, technologies and business. We offer greater personal attention from our teachers and staff than many other third level institutions.



**Our welcoming, friendly, and multicultural campus community enables you to expand your network of friends and professional contacts globally, whatever your field of studies. We invite you to join our growing international community.**

## WHY IS LIT ONE OF THE BEST STUDY DESTINATIONS FOR OVERSEAS STUDENTS?

- Welcoming, multicultural learning environment
- Internationally recognised qualifications ranging from Higher Certificate to Ph.D. level
- All programmes are delivered in English; the spoken language throughout Ireland and the language of international business and trade.
- Unique programmes combining complementary topics to give you the specific skills to begin your career: Civil, Electrical & Electronic Engineering; Sciences and Pharmaceutical & Forensic Science; Computer Technologies, Interactive Digital Media, Creative Broadcast & Film Production; Marketing & Management; Accounting & Finance; Social Care Work, Tourism & Hospitality and more.
- National and international paid work placements/internships opportunities
- Student support services include free extra tuition in Maths, IT, and English Language, fitness centre, student health centre and more.

- Purpose-built student accommodation right beside our college campus located in the historic city of Limerick, itself set in one of the world's finest regions of greatest natural beauty and scenic landscape.
- LIT is dynamic and varied in its offering of opportunities to indulge your desires for cultural, social, sporting and outdoors activities.

## ENTRY REQUIREMENTS

You must meet the Institute's general requirements and the specific requirements of the programme. Our Office of International Services (OIS) is experienced at assessing international qualifications and are available to advise on setting-out your course interests, your current qualifications, and your current level of English. Contact [international@lit.ie](mailto:international@lit.ie)

## ENGLISH LANGUAGE COMPETENCE

Since all our programmes are conducted through the medium of English, it is essential to have high level comprehension and writing skills. If English is not your first language you will be required to demonstrate that you have the competence to undertake study through English by presenting evidence of achievement in IELTS, TOEFL, or the Cambridge test.

Undergraduate: The minimum English language requirement for first year applicants is an IELTS score of 5.5. Applicants with IELTS 5.5 are recommended to undertake LIT's English language evening course. The minimum English language requirement for advanced entry (years 2, 3 or 4) is an IELTS score of 6.0. For further information, visit: [www.lit.ie/international-study](http://www.lit.ie/international-study)

## LIVING COSTS

As well as your tuition fees, you will need to cover the cost of your flights, accommodation, food, heating, travel, clothing, books, and personal items. One of the largest items of expenditure for you will be your accommodation costs and you need to keep in mind that these are not included in your tuition fees.

## STUDY ABROAD FOR LIT STUDENTS: ERASMUS+ EXCHANGE PROGRAMME

LIT has a long and successful association with the ERASMUS+ programme. Every year, students travel to study at LIT from across the European Union while LIT students avail of the opportunity to study at our EU Partner Institutes. LIT is recognised by the European Union as a University Institute with significant activity on the ERASMUS+ programme. As well as our activity on the ERASMUS+ programme, our office is currently growing links with partners in Canada, USA and Malaysia to provide students with self-

funded exchange opportunities outside of Europe. We hope to encourage even more students this year to take up a study abroad period in Europe and beyond.

LIT students opting for a study exchange will complete a semester or full academic year of their studies at any of the institutions with which LIT has an ERASMUS+ partnership agreement. These studies are fully recognised by LIT by transferring your grades and learning back into our own system through the European Credit Transfer System (ECTS).

## BENEFITS

- The chance of a lifetime to study elsewhere in the EU and beyond
- Experience other societies, cultures, and ways of life
- Improve your language skills
- Enhance your personal development, growth, confidence, and broaden your global perspectives
- Expand your network of friends and professional contacts
- Experience other perspectives and learning environments in your chosen field of study
- Enhance your employability and preparedness for work in a global economy.

## HOW TO APPLY:

The LIT Office of International Services (OIS) is responsible for co-ordinating the ERASMUS+ programme. Further details are available on our website: [www.lit.ie/erasmus](http://www.lit.ie/erasmus) or by emailing: [erasmus@lit.ie](mailto:erasmus@lit.ie)

## CONTACT:

**LIT Office of International Services (OIS), Block 15, Moylish Park, Limerick, Ireland.**

**Tel: + 353 61 293400**  
**Email: [international@lit.ie](mailto:international@lit.ie)**  
**or [erasmus@lit.ie](mailto:erasmus@lit.ie)**



# Money Matters: Fees, Grants & Costs

All costs outlined hereunder  
are those relevant in 2020/2021  
and are approximate.

Note: information in this section was  
correct at the time of print; however,  
this information is subject to change.

## STUDENT FEES

All undergraduate programme fees consist of two elements:

1. Student Contribution Fee and;
2. A Tuition Fee.

## STUDENT CONTRIBUTION FEE

The Student Contribution Fee of €3,000 is payable by each student and covers for example, Student Services, Registration, Examination Fees, etc.

Students can apply through the Student Universal Support Ireland (SUSI) for a grant to cover this Student Contribution Fee. The student grant application system is an “online application system” and is accessed at [www.susi.ie](http://www.susi.ie)

To assist all applicants, there is a SUSI Support Desk:  
Email: [support@susi.ie](mailto:support@susi.ie)  
Tel: 0761 08 7874.

## TUITION FEES

Most full time undergraduate students are covered by the “Irish Government Free Fees scheme” for the tuition fee. Under this scheme, the Government (HEA) pays tuition fees for full-time, non-repeat undergraduate students from Ireland and other EU countries that have been resident in an EU country for three of the last five years. For further information, see [www.studentfinance.ie](http://www.studentfinance.ie)

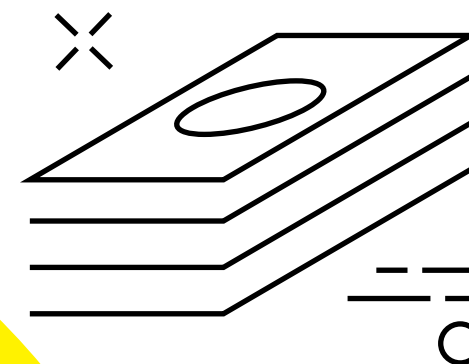
## APPLICANTS WHO DO NOT QUALIFY FOR FREE TUITION FEES

Any applicant who does not meet the aforementioned criteria will be deemed an Overseas Applicant and will be liable to pay the Non-European Tuition Fee in addition to the Student Contribution Fee.

Non-EU applicants should contact LIT's International Office at: [international@lit.ie](mailto:international@lit.ie) for details of relevant fees.

In addition, the following groups do not qualify for free tuition fees:

1. Persons who already hold a Degree.
2. Persons who have completed more than the first year of a Degree level programme and who are now entering a Higher Certificate/Ordinary Degree programme.
3. Persons who have already attended an Honours Degree programme and are now entering another Honours Degree programme.
4. Persons who are undertaking a repeat year of study.
5. Persons who have already completed a two year Higher Certificate (or Ordinary Degree) programme are not eligible for free tuition fees in respect of a further two year Higher Certificate or three year Ordinary Degree programme.



## ADDITIONAL FEES

In addition to the above Student Contribution and Tuition Fees, there is currently a non-refundable, Class Materials Fee of €100 for students doing Art and Design programmes, and a Health and Safety fee of €45 for students doing Science programmes. These fees are not covered by any grant and must be paid at the time of registration.

*These additional fees may be extended to other programmes for the 2021/2022 academic year and subsequent years. All fees are subject to change without prior notice, and are outside the control of the Institute.*

## INSTALMENT PLANS

At LIT, we are very aware of the financial difficulties faced by many students. For most students, starting college coincides with moving away from home for the first time and trying to manage on a budget. You will have most outgoings at the start of the year, so it is important to budget for books, class materials and rent deposits, as well as day-to-day living costs.

An Instalment Plan is available for those students who cannot pay their fees in two instalments due to financial difficulties. This Instalment Plan allows you to pay your fees over 8 months from September 2021 to April 2022. The first payment is due when signing up for the instalment plan.

For further information on fees, instalment plans, etc, please contact the LIT Grants and Fees Office at 061 293366 or email: [studentfees@lit.ie](mailto:studentfees@lit.ie)



# Accepting your Place at LIT



## REGISTRATION

Following the closing date for acceptance of a place with the CAO, the Institute will issue details of registration procedures which must be fully completed by the date indicated on the notice. All fees must be paid by the relevant date(s), please see [www.lit.ie/grants-and-fees](http://www.lit.ie/grants-and-fees)

The only exception will be where documentary proof of eligibility to grant-aid is provided in advance of registration. Where students fail to register within the deadline, the Institute will offer the place to the next person on the waiting list at the next round of offers.

## STUDENTS WITH DISABILITIES AND/OR SPECIFIC LEARNING DIFFICULTIES

Limerick Institute of Technology is committed to Equality of Opportunity and values the participation of all students. Students with special requirements should contact the Disability Officer at 061 293112, in advance of registration to agree the supports needed. While there is no obligation to discuss your disability, we recommend that you contact us in advance – from experience, we have found that this greatly reduces stress for students during the first weeks of term.

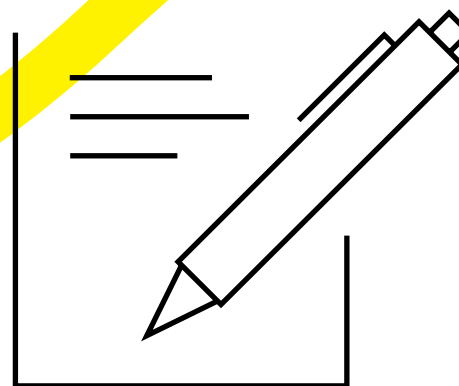
## DEFERRING A PLACE ON A FIRST YEAR PROGRAMME

An applicant who receives an offer of a place and who wishes to defer taking it for one year must seek the agreement of the Institute. Such agreement is not guaranteed and is totally at the discretion of the Institute. The deferral is conditional on the programme continuing in subsequent years, as programmes can be discontinued from time to time, without prior notice.

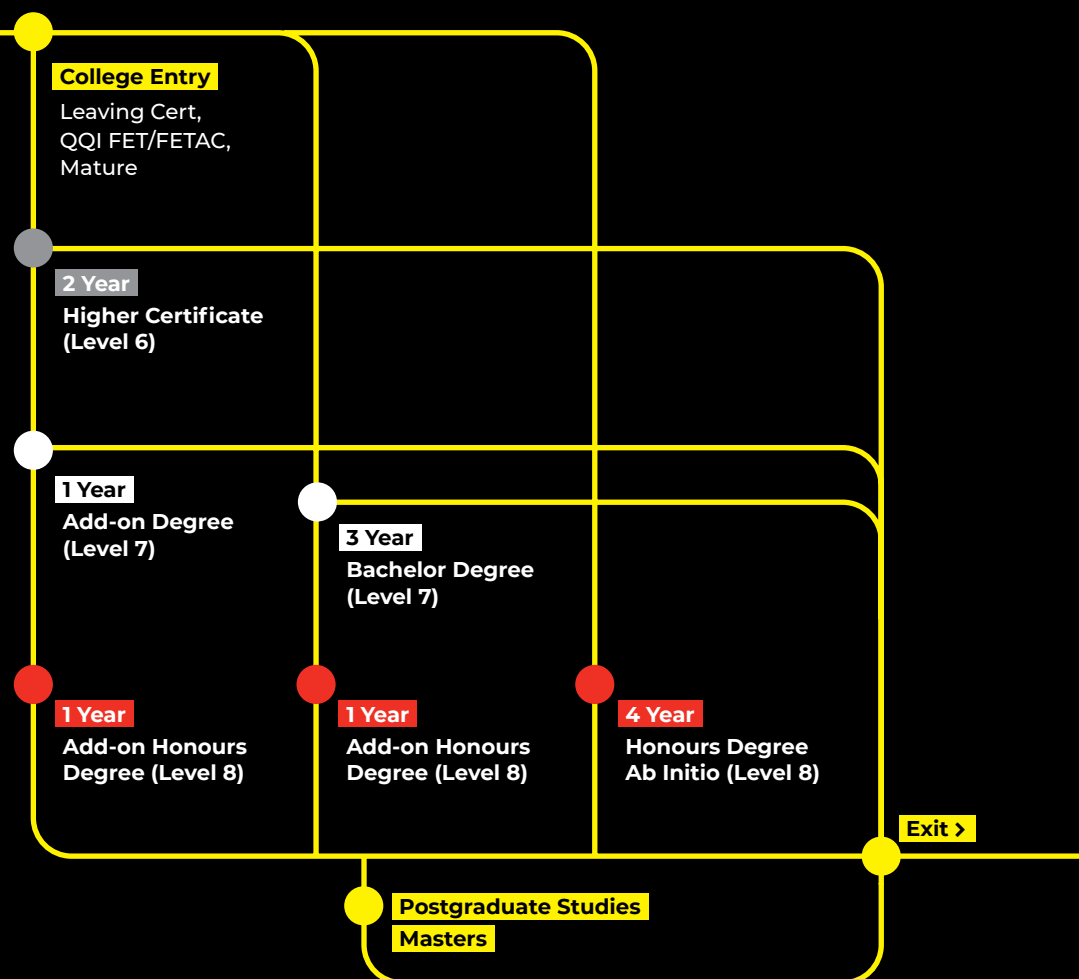
### Deferral Procedure for Year 1

On receipt of an offer notice:

1. Do not accept the offer in the manner shown on the Offer Notice.
2. Write or E-mail ([admissions@lit.ie](mailto:admissions@lit.ie)) to the LIT Admissions Office. Give your name as it appears on your CAO application, quote your 2021 CAO Number and the Course Code of the offer you wish to defer, and set out the reason(s) for the request. Mark the envelope or email clearly 'Deferred Entry'. All communications about deferral must go to the Admissions Office of the Institute and NOT to the CAO.
3. The letter or email must arrive in the Admissions Office of the Institute at least two days before the 'Reply Date' shown on the Offer Notice.
4. The Institute will communicate the decision to the applicant.
5. In order to take up the deferred place, the applicant must re-apply through the CAO in the succeeding year by February 1st, placing the deferred programme as the only preference on the application form and also write to the Institute and advise that they will be taking up the place.



# Steps to Success at LIT



**Choosing the right programme is the first step towards your future career and at LIT, we have designed our programmes in a flexible way that enables students to exit programmes at various levels. There are three entry levels to LIT at undergraduate level.**

- **Higher Certificate (Level 6) programmes**
- **Bachelor Degree (Level 7) programmes**
- **Honours Bachelor Degree (Level 8) programmes**

Students who enter LIT at any level, can either choose to graduate at that level or progress to the next level, assuming the required grades are achieved (and progression programme available). Exit awards have also been built into programmes at various levels.

For example, a student who enters LIT at Higher Certificate Level 6 graduates on successful completion of Year 2 and can either progress to an add-on Level 7 Degree programme or exit the programme. Successful completion of a Level 7 Degree programme allows students to advance to a Level 8 Honours Degree. Students that successfully complete Level 8 Honours Degree programmes are eligible to progress to postgraduate programmes.

All programmes at LIT fit within the National Framework of Qualifications (NFQ) – the official system of qualification recognition in Ireland. The NFQ, which consists of ten levels is used to describe the Irish qualifications system and allows students and employers to compare and contrast the level and standard of different qualifications and to ensure that they are quality assured and recognised at home and abroad. In the programme information section of this publication, the programme level and award type to which each programme leads is outlined.



# Faculties & Departments

Programme information is detailed in the following sections:

## Limerick School of Art & Design

- Department of Fine Art
- Department of Design

Clare Street (Limerick) & Clonmel Campuses

## Faculty of Applied Science, Engineering & Technology

- Department of Applied Science
- Department of the Built Environment
- Department of Electrical & Electronic Engineering
- Department of Mechanical & Automobile Engineering
- Department of Information Technology

Moylish Park (Limerick) & Thurles Campuses

## Faculty of Business & Humanities

- Department of Applied Social Sciences
- Department of Business & Financial Services
- Department of Marketing, Enterprise & Digital Communications
- Department of Sport, Leisure & Tourism

Moylish Park (Limerick), Thurles & Ennis Campuses





CREATIVE



# Limerick School of Art & Design

**Limerick School of Art & Design (LSAD) is a world-renowned centre of fine art and design with an award winning reputation.**

We offer Honours Degree (Level 8) programmes in Design – in Fashion, Graphic Design Communication, Ceramics, Fashion and Textiles for Product and Costume, Animation and Motion Design, and in Fine Art – in Painting, Print Contemporary Practice, Sculpture & Combined Media and Photography, Film, Video. A new Art and Design Teacher Education degree commenced at our Clare Street campus in 2020. On our Clonmel campus, we offer undergraduate degree programmes in Game Art & Design, Digital Animation Production, and Creative Media and Design. A new degree in Visual Effects for Film, TV & Animation will be available at Clonmel in 2021. Undergraduate degree programmes in Music Technology & Production, and Creative Broadcast & Film Production are offered at our Moylish, Limerick campus.

The college also has a dedicated Centre for Postgraduate Studies which offers a number of postgraduate courses of study; a Professional Masters in Education (Art

and Design with Digital Media), an MA/MFA in Art and Design (Social Practice and the Creative Environment), an MA in Art and Design Education, an MA in Interdisciplinary Design Practice and research accreditation for research postgraduate programmes (in fine art, design and curatorial studies) up to Masters (Level 9) and PhD (Level 10). For more details, see [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)

A significant factor in LSAD's success story is our student-oriented philosophy. Incoming students of first year Art and Design (LC110) share a common first year, which allows them to experience different areas in fine art and design which informs their final selection of a discipline.

LSAD is one of the most significant providers of art and design education on the island of Ireland. It offers learners a cultural context for their creative development, where they are taught by leading practitioners in the field, where they can access outstanding workshop,



studio and exhibition facilities and where their education is informed by the latest developments in the wider world of art and design. Students intern in leading fashion houses such as Vivienne Westwood, Marc Jacobs, Alexander Wang, Brooks Brothers, Marchesa, Erdem, Proenza Schouler, Alexander Mc Queen, Jonathan Saunders, Hardy Amies, Giles Deacon, Vogue, and Phillip Treacy. This LSAD experience inspires graduates who illustrate diverse and flexible skillsets, such as David Gleeson, senior exhibition designer at Washington DC's Smithsonian American Art Museum, Declan Shalvey, international comic book artist, Aoife Mcnamara, Dean of the Faculty of Communication, Art and Technology at Simon Fraser University, Vancouver, and Blindboy Boatclub of the Rubberbandits whose career spans music, art and comedy. Its graduates also include important contemporary artists such as Amanda Coogan, Conor Harrington, Sean Lynch, Andrew Kearney, John Shinnors, Anne Ryan, Donald Teskey and Ramon Kassam, and leading designers Una Burke, Natalie B. Coleman, Joanne Hynes, Danielle Romeril, Tom Foley, Ciara Cantwell and Karen Morgan.

Please feel free to drop in and view the LSAD Gallery, which frequently hosts exhibitions of art and design. More formal tours can be arranged by appointment. You may also view the work of recent graduates at our Graduate show website at [www.lsadgraduates.ie](http://www.lsadgraduates.ie)




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**Dean of School and Director of Cultural Engagement, LIT**  
Mr. Mike Fitzpatrick, NDAD,  
H Dip Art Ed, MA Fine Art

**Head of Department of Fine Art**  
Dr. Tracey Fahey, BA, MEd, MIDI

**Head of Department of Design**  
Mr. James Greenslade, B.Tech,  
M.Tech

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**FURTHER INFORMATION**

Limerick School of Art & Design  
Tel: 061 293871 / 0504 28490  
Email: [ArtandDesign@lit.ie](mailto:ArtandDesign@lit.ie)  
[www.lit.ie/LSAD](http://www.lit.ie/LSAD)

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**Deborah Mathew,**  
Graphic Design Communication



## Student Profile

"My name is Deborah and I'm Indian by nationality, born and raised in Abu Dhabi, U.A.E. I moved to Limerick to pursue a bachelor's degree in art and I am currently starting my third year of Graphic Design at LSAD. Accepting, comforting and lively would be the best way to describe LSAD. The minute I stepped into the halls of LSAD I was welcomed by staff and students from every walk of life with warm smiles and a willingness to help you out.

Having finished second year now, I can still hold truth to this. I love walking down the halls to see inspirational artwork from aspiring artists such as our various graduates, current students and experienced lecturers, which brings life to

a no longer open, empty space. LSAD has taught me to thrive in everything I do, taking the space and freedom to express myself in my work. With the help and guidance from my tutors, I can proudly say I am getting closer every day to achieving my highest potential. I have learned so much in my course and have grown as a person from being exposed to such an amazing community of people who have the best intentions for me at heart."

## UNDERGRADUATE PROGRAMMES

LEVEL 8 PROGRAMMES ON CAO		page
<b>LC110</b>	<b>First Year Art &amp; Design (Common Entry)</b> - Limerick	86
3 year specialisations following completion of LC110 First Year Art & Design (Common Entry):		
	• <b>Painting</b> BA (Honours) in Fine Art	88
	• <b>Photography, Film, Video</b> BA (Honours) in Fine Art	90
	• <b>Print Contemporary Practice</b> BA (Honours) in Fine Art	92
	• <b>Sculpture &amp; Combined Media</b> BA (Honours) in Fine Art	94
	• <b>Animation &amp; Motion Design</b> BA (Honours) in Design	96
	• <b>Ceramics</b> BA (Honours) in Design	98
	• <b>Fashion</b> BA (Honours) in Design	100
	• <b>Graphic Design Communication</b> BA (Honours) in Design	102
<b>LC114</b>	<b>Fashion and Textiles for Product and Costume</b> BA (Honours) in Design Ab Initio - Limerick	104
<b>LC115</b>	<b>Art &amp; Design Teacher Education</b> Bachelor of Education (Honours) Ab Initio - Limerick	106
<b>LC517</b>	<b>Creative Media &amp; Design</b> Bachelor of Science (Honours) Ab Initio - Clonmel	108
<b>LC518</b>	<b>Digital Animation Production</b> Bachelor of Science (Honours) Ab Initio - Clonmel	112
<b>LC502</b>	<b>Game Art &amp; Design</b> Bachelor of Science (Honours) Ab Initio - Clonmel	114
<b>LC506</b>	<b>Visual Effects for Film, TV &amp; Animation</b> Bachelor of Science (Honours) Ab Initio - Clonmel	116
<b>LC371</b>	<b>Creative Broadcast &amp; Film Production</b> Bachelor of Science (Honours) Ab Initio - Limerick	118
<b>LC372</b>	<b>Music Technology &amp; Production</b> Bachelor of Science (Honours) Ab Initio - Limerick	122
LEVEL 7 PROGRAMMES ON CAO		page
<b>LC504</b>	<b>Creative Media &amp; Design</b> Bachelor of Science - Clonmel	110
<b>LC276</b>	<b>Creative Broadcast &amp; Film Production</b> Bachelor of Science - Limerick	120
<b>LC270</b>	<b>Music Technology &amp; Production</b> Bachelor of Science - Limerick	124

## POSTGRADUATE PROGRAMMES

- **Professional Masters in Education (Art and Design with Digital Media)**
- **MA/MFA in Social Practice and the Creative Environment (Level 9)**
- **Master of Arts in Art & Design Education (Level 9)**
- **Master of Arts in Interdisciplinary Design Practice (Level 9)**
- **MA & PhD by Research & Thesis (Level 9 & Level 10)**

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



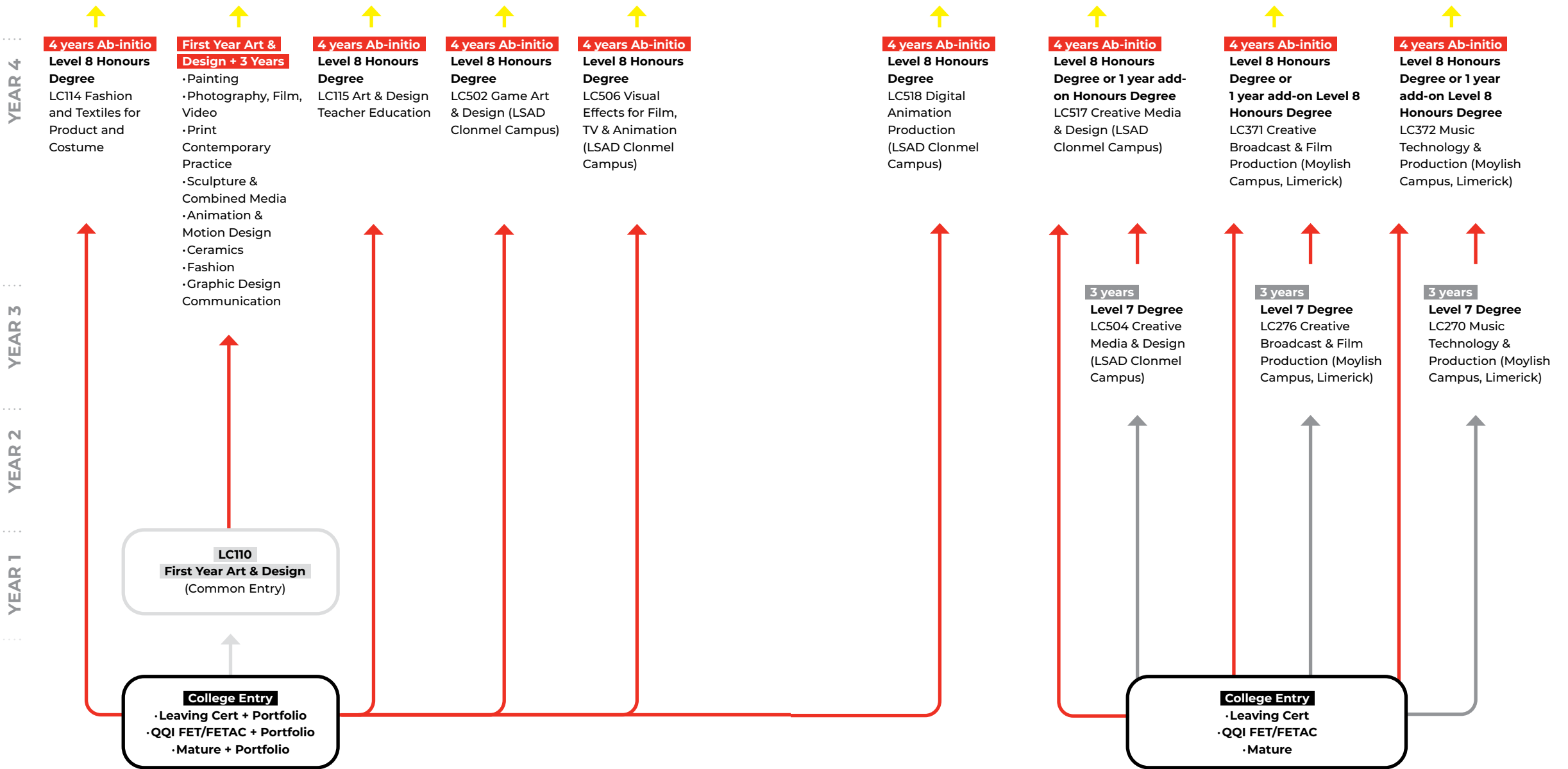
# Progression Opportunities

## Art & Design

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**

### Postgraduate Programmes (Level 9 & Level 10)



## Portfolio Assessment

**Programmes LC110 First Year Art & Design (Common Entry), LC518 Digital Animation Production, LC502 Game Art & Design, LC506 Visual Effects for Film, TV & Animation, LC114 Fashion and Textiles for Product and Costume, and LC115 Art and Design Teacher Education require applicants to successfully complete a Portfolio for Assessment prior to entry.**

The Portfolio Assessment is to determine your creative suitability and will consist of a review of your portfolio and a written assignment which helps to determine your comprehension of contemporary art and design practice. The portfolio will be scored out of 600 with a minimum score of 240 required. Only those who are successful at this stage will be considered for places. As the number of applicants who are successful after the Portfolio Assessment is normally greater than the number of places available, the system of final selection is done on the basis of points. The portfolio score will be added to the Leaving Certificate/QQI-FET/FETAC score to rank you for entry. In the case of Mature Applicants, an offer is made on the aggregated assessment result of the portfolio together with the Mature Suitability form to rank you for entry.

**A successful portfolio should adhere to the following guidelines:**

- 1. Make it Exciting:** Make your Portfolio reflect how enthusiastic you are about the prospect of studying Art & Design. Choose only your best work; work that expresses your skills, your abilities, your interests, your personality.
- 2. Careful Presentation:** You don't have to spend lots of money on expensive presentation boards, mounts and sleeves, but all work will look better if it is carefully presented. Take time to order your portfolio into a neat, tidy and well-presented representation of your work. Order your work logically; you can do this chronologically, by theme, or by medium, for example.
- 3. Be selective:** Don't put everything in. We will only look at a maximum of 15 sheets. These sheets may, however, contain more than one image, drawing or photograph of 3D work. If your portfolio contains more than 15 sheets you may be asked to withdraw work. Please avoid the embarrassment, by adhering to the 15 sheet limit.
- 4. Sketchbooks:** Please include a maximum of three sketchbooks. These should contain analytical studies which explore and investigate aspects of your environment.
- 5. Don't forget unfinished work or work-in-progress:** If relevant, these can be worth including. It's a good idea to attach sketches or plans to the finished work, (with a paper clip) to show that they are part of the same work.
- 6. Don't leave out large work or 3D work:** If you want us to see large work or 3D work, which you have made, just include a good quality photograph of it.
- 7. Label it:** Make sure your name is on the front of your closed portfolio, and neatly label all the work inside, on the reverse side, with titles, where relevant, and approximate dates.
- 8. Your Assignment:** Be sure to include your portfolio assignment. This forms part of your portfolio assessment and must be included in your portfolio.



### HOW TO APPLY

All applications should be made through the Central Applications Office (CAO). Application forms are available from the CAO in Galway or online at [www.cao.ie](http://www.cao.ie). Approximately one week after the closing date of applications to the CAO, the LSAD Administration Office will send applicants an appointment to attend for a portfolio assessment in Limerick School of Art & Design. The portfolio assessment is carried out by a team of Art and Design staff. The applicants are greeted in groups and given an introduction to the School of Art & Design and the facilities. The Students' Union is available to assist with guided tours during the time of portfolio assessment. Assessments may be held in either LSAD, Clare Street, Limerick or LSAD Clonmel, Co. Tipperary. Portfolio assessment results are notified to applicants by the LSAD Administration Office. The Institute will try to assess all non-standard applications on the basis of information provided, but it reserves the right to call such applicants to the Institute to assess their cases.

### MATURE APPLICATIONS

Mature students (any EU National over the age of 23 before 1st January of the year of application) must indicate such on their application to the CAO. All applications from mature students must be sent to the CAO prior to the official CAO closing dates set for the year of application. All mature applicants must, where required, present work for portfolio assessment and complete a Mature Applicant suitability form. Portfolio assessments look at the level of commitment, creativity, competence, comprehension, investigation, efficiency in the portfolio of work submitted, while the Mature Applicant suitability form evaluates applicant ability to successfully complete the academic subjects of the programme.

## First Year Art & Design (Common Entry)



### MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish.

*Mathematics is not a subject requirement for this programme.*

A Portfolio is also required. Applicants will be accepted to Year 1 of the programme based on a combination of Leaving Certificate/QQI FET/FETAC results and Portfolio Assessment. The Portfolio will be scored out of 600 with a minimum score of 240 required to pass.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Dr. Mike Fox,  
Programme Leader

**Tel:** 061 293870

**Email:** mike.fox@lit.ie

**Web:** www.lit.ie/Courses/LC110

For information about Portfolios and application procedures, see:  
www.lit.ie/lsad/Apply

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### WHAT IS THE PROGRAMME ABOUT?

The programmes at LSAD aim to assist students to become confident, articulate, informed, creative and expressive practitioners, who will be capable of making significant contributions in their own particular fields of contemporary culture.

The Year One Art and Design (Common Entry) programme begins this process by providing students with the necessary stimuli to encourage self-confidence, self-motivation, and an appetite for knowledge, which will drive their creative practice. Year one recognises the wide variety of backgrounds from which it draws its students. It recognises ethnic, cultural and gender diversity which are the basis of individual originality. The programme provides students with the necessary skills, vocabulary and contextual knowledge to progress to 2nd year of honours degree studies in one of the following – Painting; Photography, Film, Video; Print Contemporary Practice; Sculpture & Combined Media; Animation & Motion Design; Ceramics; Fashion; Graphic Design Communication.

LSAD is the largest centre for Art and Design outside of Dublin and has an award-winning reputation both nationally and internationally.

### WHO IS THE PROGRAMME SUITED TO?

Year One Art & Design is a diagnostic year, where students find their niche and can avail of staff guidance to find the discipline they are best suited for in art and design.

### MODULES

**Semester 1** is designed to introduce students to the working methodologies, the vocabulary, and the contemporary context of Art and Design. This is achieved through engagement in a broad-based, practical Studio Project. This project is introduced to students during Orientation Week. Throughout the project, students are introduced to a series of skills, technical processes, and conceptual considerations, by means of Seminar/Demonstrations each week. Students are encouraged to apply these skills, processes and concepts to the development of their studio project where applicable. Core areas in Semester 1 are 2D Studies, Digital Media, Concept Development and Contextual Research Studies.

**Semester 2** is designed around helping students make the appropriate choice of specialisation, which will form the basis of their further studies at LSAD and in turn their future careers as artists and designers.

At the end of semester one, students select three specialisations. Each student then has a two week practical introduction to the area they have chosen. At the end of this six week period, there are progress reviews. After the end of the progress reviews, there is a week of feedback and tutorial advice where staff individually meet students to discuss progress and make recommendations. At this point, the student selects three areas of specialisation in order of preference. Based on an aggregated mark of the Semester One assessment and the combined score from the three electives the places on offer in Year

**CAO CODE:** LC110

**PROGRAMME LEVEL:** 8

**DURATION:** 1 Year, plus 3 years  
for BA (Honours) Degree

**CLASS HOURS:** 23 hours per week

**LOCATION:** Clare Street Campus, Limerick

**CAO POINTS 2020:** 740\*

*\*Points are a combination of Leaving Certificate results and Portfolio Assessment.*

2 are distributed. Students then enter their Year 2 disciplines on provisional places.

### WHAT CAN I DO AFTER THE PROGRAMME?

Students choose to specialise in one of eight disciplines from 2nd year to 4th year.

## Portfolio Open Day

14th January 2021

LSAD, Clare Street, Limerick

## Painting.

Bachelor of Arts  
(Honours) in Fine Art



### ENTRY REQUIREMENTS

Entry into Painting is by competition and selection during LC110 First Year Art & Design (Common Entry).

### FURTHER INFORMATION

**Contact:** Ms. Áine Nic Giolla Coda,  
Programme Leader

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**Web:** [www.lit.ie/Courses/A8111](http://www.lit.ie/Courses/A8111)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

**f** LIT.LSAD **t** LSADatLIT **@** Paint.LSAD

### WHAT IS THE PROGRAMME ABOUT?

The BA (Honours) in Fine Art (Painting) is a four year programme. The distinct qualities which characterise the learning experience are active learning through the continual use of materials and processes in a studio environment. The studio environment is active as a place of individual visual research, making and presenting works and through this practice also enables peer learning.

Learning about art in the contemporary world and the experience of the practice of learning in a shared group context is central to the programme. The Painting programme is housed in purpose-designed spacious studios, with workshop studio and audio-visual demonstration seminar space. The lecturers and technical officers who deliver the programme are all professional working artists and this perspective ensures that the Painting programme is focused on the provision of knowledge which is up-to-date and relevant to the contemporary world.

### MODULES

**Year 2:** Students are given a comprehensive introduction to project based learning in studio painting practice and are encouraged

to develop drawing as a key practice for the development of ideas and the recording of the world through observation. Students have the opportunity to research and exhibit art works within a museum context.

**Year 3:** International study is facilitated in Year 3 through the Erasmus programme and incoming European students are integrated into the life of the department. Students are encouraged to expand and diversify the range of technical and conceptual approaches through engagement with photography, video and collaborative project formats.

**Year 4:** In Year 4, students are mentored individually and through group formats of dialogue, critique and workshops to achieve a successful outcome of research and practice, exhibited in the final BA degree exhibition.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates from this programme have pursued successful career paths in a wide variety of art and related fields including; education and outreach, curatorial practice, animation, the film industry and establishing a contemporary art practice. Graduates can also progress to postgraduate; Masters and PhD level study. Some recent graduates have continued to progress their study on prestigious courses both in Ireland and abroad including; Royal College of Art, Goldsmiths College, Edinburgh College of Art, and Emily Carr University of Art & Design, Canada.

Recent graduates of the Painting programme at LSAD include contemporary artists; Conor Harrington, Ann Ryan, Diana Copperwhite, Ramon Kassam and Gerry Davis (winner of the Hennessy Portrait Prize). Performance artist; Amanda Coogan and Sandra Hickey (animation painter on *Loving Vincent*). Curators; Niamh Brown (Ormston House), Claire Walsh (Irish Museum of Modern Art) and Art Critic and writer; Chris Hayes (Emotional Art Magazine).

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1

*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

## Photography, Film, Video.

Bachelor of Arts  
(Honours) in Fine Art



### ENTRY REQUIREMENTS

Entry into Photography, Film, Video is by competition and selection during LC110 First Year Art & Design (Common Entry).

### FURTHER INFORMATION

**Contact:** Ms. Lorraine Neeson,  
Programme Leader

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**Web:** [www.lit.ie/Courses/A8112](http://www.lit.ie/Courses/A8112)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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### WHAT IS THE PROGRAMME ABOUT?

In our media-saturated reality, it is easy to see why artists and curators look towards lens-based practice when producing or displaying artworks that describe the world in which we live. Even a cursory inspection of many contemporary art institutions and large-scale art festivals, such as the Irish Museum of Modern Art, Venice Biennale, Glasgow International, EVA International, Documenta, will reveal that the vast majority of works selected for these events are firmly grounded in lens based practice.

Some of the world's most successful artists in recent years work within this set of media and discourse. These include: Amie Siegel, Elizabeth Price, Ryan Trecartin, Hito Steyerl, John Gerrard, and Martha Rosler. With this in mind, the Photography, Film, Video programme aims to provide its students with the most cutting edge and relevant framework for producing contemporary fine art in the 21st century.

This programme offers an innovative and engaging education in what is a critically relevant discipline in Fine Art practice today and provides students with a diverse skillset that is at the intersection of contemporary

art and digital media. This multi-disciplinary skillset is directly transferable to many new media industries and conceptual art endeavour. It is an exciting programme that challenges students to engage with complex contextualised inquiry while realising these ideas with traditional and technological media.

New media technologies such as digital camera use, still and video editing, sound production and digital art making are integrated with traditional wet photography, installation art, and a varied mixed media aesthetic pursuit. Students develop a multi-faceted approach in their conceptual art practice. The programme is supported with access to state of the art equipment and editing suites, facilitated by nationally and internationally exhibiting lecturers and complemented by a high profile visiting lecturer programme.

### MODULES

**Year 2:** This year aims to introduce students to the principles of Photography, Film, Video. Delivered through regular individual and group tutorials, seminars, workshops, fieldtrips, and a visiting lecturer programme, the module gives learning resources, time and space for students to develop and contextualise their individual projects. Special attention is given to the development of technical skills in the use of photography, lens-based media and related software.

**Year 3:** Further develops students' engagement with the principles of Photography, Film, Video leading to the presentation of a body of work for assessment. Students will continue to focus and develop research methods to stimulate in-depth, complex ideas and to integrate such thinking into daily artistic practice. An emphasis will be placed on the formulation of a concise methodology around the production of individual projects. Students will also continue to develop skills in

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 years specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1

*As the programme progresses the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

photography, lens-based media, multimedia and related software programmes.

**Year 4:** In this year there will be a combination of individual and group tutorials, seminars, workshops, professional practice and a visiting lecturer programme. This year gives learning resources, time and space for students to develop and contextualise a finished project involving the use of photography and lens-based media towards a final year BA degree exhibition. Students will focus and develop research methods to stimulate in-depth, complex ideas and to integrate such thinking into their practice. An emphasis will be placed on the presentation of a finalised project/exhibition that reflects and builds upon the technical and theoretical knowledge of each student.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates will have a broad skill and knowledge base in photography, film and video technologies, including new digital technologies, their implications and practical uses, as well as a complementary knowledge of analogue processes that are still widely used by contemporary artists. Job opportunities include: Artist, Camera Operator, Editor, Colour Grader, Web Content Producer, Sound Technician, Audio Visual Technician, Special Effects, Curator, Art Critic/Writer.



## Print Contemporary Practice.

Bachelor of Arts  
(Honours) in Fine Art



### ENTRY REQUIREMENTS

Entry into Print Contemporary Practice is by competition and selection during LC110 First Year Art & Design (Common Entry).

### FURTHER INFORMATION

**Contact:** Ms. Fiona Quill,  
Programme Leader

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**Web:** [www.lit.ie/Courses/A8113](http://www.lit.ie/Courses/A8113)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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### WHAT IS THE PROGRAMME ABOUT?

The Print Contemporary Practice (PCP) programme has been developed with the needs of the student as core to the delivery of this fine art specialisation. The programme focuses on scaffold learning and teaching methodologies. The PCP workshop has large spacious facilities dedicated to a wide range of printmaking processes. This provides a professional working space for students to develop a complex range of skills in printmaking, which is an ever expanding, and multi-faceted discipline.

To maintain a high level of expertise and compete with the worldwide changes and trends in printmaking as a practice, the main aim of the programme is to study printmaking and all its related components at the forefront of research in this area. Students are provided with comprehensive workshops, lectures and tutorials in these areas, which establish an environment that encourages experiential learning and critical thinking through active engagement in the processes. Students develop a range of skills both cognitively and analytically through creative problem solving, skills acquisition, manual dexterity, aesthetic appreciation and decision-making. After an introduction to 3D

work in year one of their studies, students also have access to casting, moulding and 3D building workshops on the campus, housed in adjacent studios to the printmaking facilities. Printmaking is seen as the central component to all these related areas.

### MODULES

#### **Year 2: Development of skills acquisition.**

The student will have acquired a basic understanding of printmaking techniques in Year 1. The focus of Year 2 will be building on those skills and growing a broader base of techniques while simultaneously adapting project briefs to support the implementation of printmaking methods. Printmaking processes being delivered are etching, woodcutting, smart plate and stone lithography, silkscreen, collography. Additional areas being delivered to support printmaking techniques include digital media and photography, drawing, research, professional practice and workshop health and safety. Seminars and talks on the practice of print on a national and international platform will be delivered weekly to support workshop methodologies. Students also collaborate with other programme areas and institutions on print specific projects.

#### **Year 3: Implementation of printmaking skills with a self-directed project.**

The student will use a wide range of skills acquired in Year 2 to develop a response to themes and pathways that will have arisen for the student through numerous projects in Year 2. Year 3 will provide the delivery of intermediate to advanced skills in printmaking i.e. photo etching, colour separation, experimental silkscreen processes, printmaking on ceramic surfaces, plate lithography and carborundum. Students also receive an introduction to FabLab which house laser and 3D print technology. Additional areas delivered in Year 3 to enhance development and specialisation of printmaking skills are photography, medium and large format, digital techniques,

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1

*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

professional practice, European Erasmus exchange (optional), field trips (nationally and internationally). Teaching students concept development is a strong focus in Year 3.

#### **Year 4: Specialisation of techniques that have been acquired from Year 2 and 3.**

Students develop advanced printmaking skills. The student focuses on their self-directed project. Visiting lecturers will deliver advanced and professional workshops and seminars. Printmaking techniques are taught at an advanced level and are specific to student needs. Concept development, presentation methods, engaging with an audience, degree show production and display are also delivered. Photography and digital media are offered as optional.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates are encouraged to explore numerous exit pathways from the programme. The programme offers graduates transferable skills that are adaptable for the field of fine art, education, management, design, administration and cultural development. Graduates work as independent printmakers, printmaking studio directors, printmaking technicians, interdisciplinary artists, art educationalists, teachers, researchers, curators, graphic artists.

## Sculpture & Combined Media.

Bachelor of Arts  
(Honours) in Fine Art



### ENTRY REQUIREMENTS

Entry into Sculpture & Combined Media is by competition and selection during LC110 First Year Art & Design (Common Entry).

### FURTHER INFORMATION

**Contact:** Ms. Amanda Dunsmore,  
Programme Leader

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**Web:** [www.lit.ie/Courses/A8114](http://www.lit.ie/Courses/A8114)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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### WHAT IS THE PROGRAMME ABOUT?

Sculpture and Combined Media (SCM) is a vibrant, fresh, professional and experimental programme suited to ambitious individuals willing to be challenged. SCM offers students the opportunity to develop and experiment using sculptural techniques and media. Individual studio practice is developed through taught workshops in sculpture techniques combined with a range of studio based multi-media experimentation. Students develop a strong sculptural skill-set, but also become expert within the broader field of cultural production such as curation, public art, commissions, exhibition and cultural event planning, professional promotion and developing education workshops. The programme is structured to respond to the changing nature of cultural production and incorporates the use and understanding of new media and materials such as video, performance art, public art, internet-based media, installation, sound art and photography.

The programme prepares students to be independent, critical and to develop strong training in sustaining a practice in the social and cultural domain. A major strength is that the programme always considers the public and audience. It instils in the

student the importance and an awareness of research, presentation, proposal writing and documentation of practice – which is invaluable as a professional artist.

Public commissions are a significant aspect of this programme, where students work actively on large-scale public art commissions with bodies such as the Limerick Civic Trust and the Emergency Services and on large scale cultural productions such as the collaboration with Fuerza Bruta, the Argentinian physical theatre event for City of Culture. The programme also encourages students to look at how other traditional media such as film, theatre, dance and music relate to contemporary sculptural practice.

### MODULES

**Year 2:** This year is focused on building skills through student selected sculpture processes such as: photography dark room/printing analogue B/W, metalworking/welding (elective), plaster resin casting/mould making (elective), digital sound art (elective), material and processes - wood construction (elective). In addition workshops are run in armature making, large scale multi material drawing, tool making, statement writing, 3D printing, drawing, inflatable sculpture and peer-to-peer workshops, digital image formatting and studio management.

**Year 3:** This year is focused on sculpture processes such as: Video editing/production, Video and Installation Art, Video Mapping, Stop-Motion Animation and Blue Screen Video Production. Public performance (elective) and collaborative practice. Additional skills in medium/large format photography (elective) are offered. Studio practice explores sources of art research and group tutorials concentrate on studio themes of public art, installation art, live art, professional practice, environmental art, stop motion animation, new media interventions, performance art. This year offers internship/work experience, and student

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1

*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

exhibitions/professional practice. This year European Erasmus exchange (optional), takes place as well as field trips/gallery visits.

**Year 4:** This is the Degree year and is concentrated on expanding students' self-directed themes and their own sculpture practice, through a series of workshops and seminars on: installation and presentation methods, methods of engaging with an audience and professional practice. This culminates with degree show production and display.

### WHAT CAN I DO AFTER THE PROGRAMME?

This programme with its huge emphasis on visual art professional practice, public performance, museum and education workshops, internships and curation as well as on traditional sculptural skill-sets, equips students to work fluidly and fluently in a variety of sculptural, educational, curatorial, public and performative contexts. Alumni are found working as practicing visual artists', in film and television, theatre set design, government administration, local cultural development, script writers, contemporary sound/interdisciplinary artists, art educationalists, teachers, researchers, and museum curators, multi-media industry, music production, occupational therapy, script writing, dance, arts administration and the commercial art business such as Sothebys.

# Animation & Motion Design.

Bachelor of Arts  
(Honours) in Design



## ENTRY REQUIREMENTS

Entry into Animation & Motion Design is by competition and selection during LC110 First Year Art & Design (Common Entry)

## FURTHER INFORMATION

**Contact:** Mr. Barry Holian & Mr. David Phelan, Programme Leaders

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david.phelan@lit.ie

**Web:** [www.lit.ie/Courses/A8117](http://www.lit.ie/Courses/A8117)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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## WHAT IS THE PROGRAMME ABOUT?

This exciting programme offers students the chance to study in the dynamic and expressive world of animation & motion design. The programme develops creative individuals with artistic design skills and vision to produce a wide variety of animation and design in motion.

Our programme aims to give students a platform to shape their ideas, stories and skills through a series of challenging creative briefs. The design briefs are both structured yet malleable. Physical art making is at the core of our approach. Our mantra is 'to make' rather than 'to find'. The philosophy of the programme is based on the development of the creative animator and motion designer, focusing on the development of key skills in creativity, drawing, design, exploration, problem solving and collaboration.

Students are exposed to the principles, the tools and the processes of animation & motion design, through demonstrations, lectures and workshops. The programme focuses on key graduate attributes in design as well as specific software skills. Emphasis is placed on vocational learning alongside research, analysis and reflective

practice. This is underpinned by the use of sketchbooks, journals and visual notebooks.

## MODULES

**Year 2:** The year begins with a strong emphasis on classical animation techniques and approaches. You will learn the art of traditional frame by frame animation, drawing on light boxes in our designated drawing studio. Later in the year you will be introduced to digital animation, backed up by a series of workshops on digital painting and illustration. You will also work with stop-motion animation, beginning with paper cutout techniques, while learning to capture your images on camera with our stop-motion software 'Dragon Frame'. Life drawing, observational and perspective drawing classes will be delivered within studio and on field trips. You will also be introduced to graphic design for screen and begin looking at 3D animation and model-making. Critical & contextual studies and seminars in professional practice support your practical work.

**Year 3:** During this year you will further develop your digital skills in animation, 3D, visual effects and motion graphic design. The emphasis will also shift to the art and craft of model-making, set fabrication and character modelling. Through a much greater focus on narrative and storytelling, you will learn to bring your creations to life on screen. Students will also gain essential industry experience during work placement that occurs in the second semester of Year 3.

**Year 4:** In your final year you are engaging with significant Animation & Motion Design projects as you develop an industry standard show reel and online portfolio. Year 4 is largely a self-initiated programme of study leading towards a major project for the end of year graduate exhibition. Students are encouraged to create and develop their own unique individual styles together with learning industry ready skills.

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 24 hours per week in Year 1  
*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** George's Quay / Clare Street Campus, Limerick

## WHAT CAN I DO AFTER THE PROGRAMME?

Equipped with the language and creative skills to meet the challenge of a cross-disciplinary audio visual environment, our graduates have gained employment in Ireland's top animation and motion design studios. They work with film and television title design, both traditional and digital animation, motion graphic design, compositing and visual fx, concept art and storyboarding, model making and stop-motion animation.

## Ceramics.

Bachelor of Arts  
(Honours) in Design



### ENTRY REQUIREMENTS

Entry into Ceramics is by competition and selection during LC110 First Year Art & Design (Common Entry).

Applications will also be considered for Advanced Entry from those with a QQI/ FETAC Level 6 qualification (or equivalent) and/or relevant prior learning.

### FURTHER INFORMATION

**Contact:** Ms. Mandy Parslow & Mr. Owen Quinlan, Programme Leaders

**Tel:** 061 293388

**Email:** mandy.parslow@lit.ie  
owen.quinlan@lit.ie

**Web:** [www.lit.ie/Courses/A8115](http://www.lit.ie/Courses/A8115)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

**f** CeramicsLSAD **t** LSAD\_Ceramics

### WHAT IS THE PROGRAMME ABOUT?

Clay is an endlessly diverse material. Contemporary ceramic practice encompasses a broad range of applications, enabling a wide range of conceptual and practical approaches within art and design. The Ceramics programme at LSAD reflects this diversity and embraces the medium's rich cultural heritage. Students access an extensive range of creative practice through the combined development of traditional core skills and cutting-edge technologies. Ceramics at LSAD actively encourages students to take risks and rise to creative challenges. Using both traditional and pioneering approaches, students are supported to innovate and establish their own voice within this contemporary field.

Ceramics has been a cultural signifier for thousands of years, providing a rich legacy to draw on creatively: as an artist, designer or maker. Ceramics at LSAD has a long-standing reputation for excellence and is the largest specialist ceramics programme in Ireland. Its dedicated staff reflect the diversity of contemporary ceramic practice and encourage the combined use of traditional skills with new technologies to develop fresh and exciting creative solutions. This coupled with superbly equipped light-filled, specialist ceramics

facilities enables students to work in diverse directions through this dynamic material.

### WHO IS THE PROGRAMME SUITED TO?

Ceramics can accommodate a wide range of thinking, expression, designing and making. We are looking for students with enthusiasm for art, materials, problem solving, and the exploration of aesthetics and culture through this amazing material.

### MODULES

**Year 2:** Introduces and develops the core skills of working with ceramics. These include fundamental processes such as hand-building, wheel throwing, plaster model and mould making, slip-casting, glazing and firing, alongside new technologies of digital design and fabrication such as 3D printing and lazer cutting. These skills are supported by research and design development through drawing and surface workshops and contextual engagement with contemporary ceramic practice through field trips, nationally and internationally.

**Year 3:** The emphasis in Year 3 is on developing an individual creative direction and builds on the core skills acquired in Year 2. Through increasingly self-directed briefs, students are encouraged to begin to recognise their desired area of specialisation. Engagement with Professional Practice is encouraged through work placement (nationally or internationally) and the organisation and implementation of an external group exhibition. Workshops continue in relevant ceramic processes, research and design strategies. During Year 3, students may opt to undertake part of the academic year in another European institution through the Erasmus programme.

**Year 4:** Year 4 aims to prepare the student for their desired career path after college through a self-directed project and the specialisation

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**CODE:** Add-on

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**PROGRAMME LEVEL:** 8

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**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

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**CLASS HOURS:** 23 hours per week in Year 1  
*As the programme progresses, the course of study becomes increasingly self-directed.*

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**LOCATION:** Clare Street Campus, Limerick

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of techniques and concepts. There is an emphasis on professional presentation, including concept development, presentation methods, photography, statement writing and a web presence. Ceramic techniques are taught at an advanced level and are specific to student needs. The year culminates in an exhibition of completed ceramic work, produced for the final examination, together with supporting developmental material.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates are encouraged to explore numerous pathways following their degree. They will acquire the necessary subject specific and transferable skills to enter the professional world of contemporary ceramic practice, be that through art, craft or design. Graduates work as designer makers, studio potters, ceramic sculptors, teachers, technicians, researchers, curators and are involved in a wide range of activities within the culture sector.

## Fashion.

Bachelor of Arts  
(Honours) in Design



### ENTRY REQUIREMENTS

Entry into Fashion is by competition and selection during LC110 First Year Art & Design (Common Entry).

### FURTHER INFORMATION

**Contact:** Mr. James Greenslade,  
Head of Department

**Tel:** 061 293871

**Email:** james.greenslade@lit.ie

**Web:** [www.lit.ie/Courses/A8116](http://www.lit.ie/Courses/A8116)

**Blog:** [www.fashiondeptlsad.blogspot.com](http://www.fashiondeptlsad.blogspot.com)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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### WHAT IS THE PROGRAMME ABOUT?

Listed in the 'Top 50 Fashion Schools and Programs Across the Globe' (Robin Wilding 2012) which states confidently "Any aspiring high-tech designers with an affinity for the Irish culture will love this school", the BA (Hons) Design (Fashion) is one of the most nationally and internationally acclaimed programmes in the Limerick School of Art and Design. It is the only programme in Ireland who currently shows at Graduate Fashion Week in London.

### WHO IS THE PROGRAMME SUITED TO?

Anyone interested in applying for this programme should have an aptitude for the following: Drawing, experimenting with a wide range of materials; working from 2 dimensional to 3 dimensional forms; experimenting with shape; exploring colour and texture; ability for original research. Technical skills like sewing are beneficial.

### MODULES

**Year 2:** This is an intensive year, which provides an introduction to the core modules within the programme such as, Design concepts; Technical pattern cutting and Construction; Presentation layouts and Illustration; Professional practice and Market Research. These are taught through workshops, demonstrations and projects which cover all aspects of women's wear, men's wear and androgynous. Drawing and InDesign are part of the 2nd year process. Students partake in market research trips to Dublin and London and also participate in selected competitions and collaborative exhibitions.

**Year 3:** This year the focus is on projects that allow students to discover their own particular creative direction and areas of interest. The core modules are developed at a more advanced level and students are now introduced in more detail to tailoring, computer aided design systems, illustrator techniques and the Gerber pattern cutting system. Visits to London to undertake fabric/market research also take place in preparation for the design and manufacture of a 'Two Piece Statement'. During the second half of this year, work placement in design companies is a major feature of the programme requirement. This placement is a minimum of 12 weeks and students who opt for a European placement are considered for the Erasmus work placement programme.

**Year 4:** This year is largely self-initiated study which is research based and culminates in a final collection of six looks which is shown at the annual fashion graduate showcase. The event attracts an audience from fashion journalism, bloggers, industry and commerce. We are currently the only college in Ireland to show at Graduate Fashion Week in London. Fourth years continue upskilling on the Gerber pattern making system. Students also participate in national and international competitions.

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1  
*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduate employment opportunities include: Designer in specialist areas, Design for film, promotional projects, stylist, collaborations with artists, Garment Technician, Quality control, Pattern Cutter (Gerber specialist), Trend Forecasting, Fashion Buying and Merchandising, Fashion Blogger, Journalist.

# Graphic Design Communication.

Bachelor of Arts  
(Honours) in Design



## ENTRY REQUIREMENTS

Entry into Graphic Design Communication is by competition and selection during LC110 First Year Art & Design (Common Entry).

## FURTHER INFORMATION

**Contact:** Mr. Joe Lane,  
Programme Leader

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**Email:** joe.lane@lit.ie

**Web:** [www.lit.ie/Courses/A8118](http://www.lit.ie/Courses/A8118)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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## WHAT IS THE PROGRAMME ABOUT?

The central purpose of this award-winning programme is the study of graphic design and all its related disciplines. The programme offers a high level of experiential learning through studio projects, talks, workshops and online activities. It offers students the opportunity to demonstrate their ability to work creatively in the field of graphic design; to be open to new ideas; to be able to problem solve; to demonstrate a range of graphic design skills; to be willing to involve themselves in the many and varied practices within graphic design communication.

One of the key features of the programme is its strong links with industry through the recent introduction of the Professional Practice module and the work placement initiative in Year Three. From it, students have been successfully placed in Ireland, London and further afield in Europe, Asia and South America.

On completion, the programme prepares students for careers as professional

graphic designers and in other areas of employment such as advertising, packaging, typography, illustration, UX design, film/TV production, exhibition, web design.

The programme actively encourages a broadening of skills on intellectual, creative and practical levels in order to become a designer of the future.

## MODULES

**Year 2:** This year is a broad expansion of the basic principles learned in the latter part of year one and is an opportunity to gain new knowledge and skills along with greater awareness of the design process through projects for visual identity, editorial, advertising and UX/UI design. Subjects in this year are: Design Communications, Typography, Graphic Design Production, Lens Based Media, Professional Practice and Critical & Contextual Studies.

**Year 3:** This year is essentially commercially biased; where the student gains direct hands-on experience through related project work in areas such as packaging, motion design, and advertising strategies. The work placement initiative is an opportunity to experience a real working situation in the context of graphic design. Subjects in this year are: Design Communications, Typography, Graphic Design Production, Lens Based Media, Professional Practice and Critical & Contextual Studies.

**Year 4:** The final year establishes a professional approach to studio work in preparation for industry. While there are set projects throughout, this year is largely self-initiated and culminates with a major exhibition. Subjects in this year are: Design Communications, Typography, Graphic Design Production, Lens Based Media, Professional Practice and Critical & Contextual Studies.

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 3 year specialisation following LC110 First Year Art & Design (Common Entry)

**CLASS HOURS:** 23 hours per week in Year 1  
*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Clare Street Campus, Limerick

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can avail of a wide range of employment opportunities both here in Ireland and internationally. These include: graphic design, advertising, packaging design, typographic design, illustration, design for screen, UX/UI and web design.

# Fashion and Textiles for Product and Costume.

Bachelor of Arts  
(Honours) in Design



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish.

*Mathematics is not a subject requirement for this programme.* A Portfolio is also required. Applicants will be accepted to Year 1 of the programme based on a combination of Leaving Certificate/QQI FET/FETAC results and Portfolio Assessment. The Portfolio will be scored out of 600 with a minimum score of 240 required to pass.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**Second Year entry level:** Applicants who wish to transfer into second year of this programme will require a Level 6 qualification with 3 distinctions.

## FURTHER INFORMATION

**Contact:** Ms. Ruth Duignan,  
Programme Leader

**Tel:** 061 293870

**Email:** Ruth.Duignan@lit.ie

**Web:** [www.lit.ie/Courses/LC114](http://www.lit.ie/Courses/LC114)

**Graduate website:** [www.lsadgraduates.ie](http://www.lsadgraduates.ie)

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## WHAT IS THE PROGRAMME ABOUT?

Our four-year BA programme provides students with the creative ability to visually communicate design ideas and the technical skills to produce innovative and exciting fashion and textiles for costume and product.

This programme is suitable for creative and hands on students. We offer a high level of practical learning through studio projects, talks, workshops and one-on-one tutorials. Students will explore the many and varied practices within fashion and textile design and are exposed to a range of new ideas and engage with an array of skills. The programme has a strong knitwear specialty and students gain rigorous technical knit experience.

The programme has strong links with industry through our Professional Practice module, our industry placements, our exciting calendar of visiting lecturers, direct from industry, and competition opportunities that provide real world experience while you study. Year 4 students are supported in seeking employment or postgraduate study.

## MODULES

**Year 1:** This year focuses on developing your imagination and your tactile ability with materials. Design workshops on digital drawing platforms (Illustrator/Photoshop) support research based projects in the areas of fashion, textiles and costume.

**Year 2:** Through specific projects you will develop a personal process of research and design whilst acquiring new skills in textile development, fashion knitwear, creative pattern cutting and digital drawing. Training is provided on the Shima Seiki industrial knitwear machine.

**Year 3:** In this year, you get the opportunity to gain real life experience by choosing a work placement based on your aspirations to work in the international fashion, textiles and costume industry. Erasmus funding is available for eligible European placements.

**Year 4:** The final year show is an exciting showcase of innovative work where you will present the results of a self-directed brief executed to professional and industrial standards.

## WHAT CAN I DO AFTER THE PROGRAMME?

On graduating, your training allows for a career as Knitwear Designer, a Designer specialising in fashion and textiles for product and costume and other areas of employment or further study, such as Digital Drawing, Manufacturing and Production Technical Specialist, Styling, Buying, Visual Merchandising, Journalism and Forecasting.

**CAO CODE:** LC114

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 23 hours per week in Year 1

*As the programme progresses, the course of study becomes increasingly self-directed.*

**LOCATION:** Merriman Building,  
Clare Street Campus, Limerick

**CAO POINTS 2020:** 880\*

*\*Points are a combination of Leaving Certificate results and Portfolio Assessment.*

# Art and Design Teacher Education.

Bachelor of Education  
(Honours) in Art  
and Design



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 grades & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

**A Portfolio is also required.** Applicants will be accepted to Year 1 of the programme based on a combination of Leaving Certificate/QQI FET/FETAC results and Portfolio Assessment. The Portfolio will be scored out of 600 with a minimum score of 240 required to pass.

**QQI FET/FETAC Applicants & Mature Applicants:** Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Maria Finucane & Ms. Edel Hogan, Programme Leaders

**Tel:** 061 293392 / 061 293390

**Email:** Maria.Finucane@lit.ie  
Edel.Hogan@lit.ie

**Web:** [www.lit.ie/courses/LC115](http://www.lit.ie/courses/LC115)

## WHAT IS THE PROGRAMME ABOUT?

This programme enables you to teach Art and Design at second level. It begins from the place of creative making in the studio setting where students are introduced to a variety of creative disciplines including; Fashion Design, Painting, Ceramics, Graphic Design, Sculpture, Animation & Motion Design, Printmaking and Contemporary Practice.

Concurrent to this you will study educational theory and practice which will equip you with the teaching aptitudes and skills to enter into the profession of teaching Art and Design.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to creative individuals who want to establish an art and design practice along with becoming an art and design educator.

While the programme is predominately oriented toward preparing students to register with the Teaching Council of Ireland as Visual Art Teachers for second level, the programme also qualifies individuals to enter into a wide variety of creative sectors as artists, designers, makers, curators, teachers, educators and mentors.

## MODULES

**Year 1:** Fine Art/Design (Variety of Disciplines), CCS1 (Critical and Contextual Studies), Fine Art/Design Electives, CCS2 (Critical and Contextual Studies), Understanding young people and how they learn, Preparation for School Placement, Orientation to the Profession: Artist Teacher Identity.

**Year 2:** Fine Art/Design Option 1, CCS3 (Critical and Contextual Studies), Pedagogies 1, School Placement 1 and Curriculum Design 1, School Placement 2, Pedagogies 2 (Inclusive Education), Practice-based Research.

**Year 3:** Fine Art/Design Option 2, CCS4 (Critical and Contextual Studies), Curriculum Design 2, Curriculum and Policy Studies UL, Fine Art/Design Option 3 (Inter-disciplinary), Education Pedagogies 3 (Technology Enhanced Learning), School Based Research Methods and Practice.

**Year 4:** School Placement 3, Understanding Schools UL, Fine Art/Design Option 4 (Inter-disciplinary), School Based Research-Final Year Project, Professional Portfolio.

## WHAT CAN I DO AFTER THE PROGRAMME?

Register with the Teaching Council of Ireland.

Career opportunities post-graduation include: Visual Art Teacher across a number of educational sectors including: Second level Schools, Colleges of Further Education, Arts and Health, Arts and the Community, Gallery/Museum education.

The teaching qualification is recognised internationally and provides career opportunities overseas. Successful graduates are also eligible to apply for postgraduate studies in Art and Design and /or Educational studies.

**CAO CODE:** LC115

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 25 hours per week

*However this will vary in years 3 & 4 when students are on school placement.*

**LOCATION:** Clare Street Campus, Limerick

**CAO POINTS 2020:** 942\*

*\*Points are a combination of Leaving Certificate results and Portfolio Assessment.*



# Creative Media & Design.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC Applicants:

A full QQI FET/FETAC Level 5 award, including a distinction grade in at least three modules.

### Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Eamon Dalton,  
Programme Leader

**Tel:** 0504 28468

**Email:** eamon.dalton@lit.ie

**Web:** [www.lit.ie/Courses/LC517](http://www.lit.ie/Courses/LC517)

**f** CreativeMediaAndDesign

## WHAT IS THE PROGRAMME ABOUT?

The aim of the programme is to meet the demand for graduates with both visual and interactive design skills that can produce immersive digital media experiences. Graduates will be able to work in a range of roles and contexts across the Digital Media, Design and Technology sectors. Graduates will be equipped with knowledge and skills related to Interface & User Experience Design, Interaction Design, Visualisation (in both an interactive and non-interactive context), Augmented and Mixed Reality, Web Technologies and Motion Graphics.

The programme offering blends technology with visual and interactive design practices to produce unique graduates. The programme is heavily focused on the needs and requirements of the digital media sector. To this end, students are provided with comprehensive lectures, tutorials and workshops in creative, design and technological fields. Students also gain valuable work experience and opportunities to collaborate with external organisations and agencies by undertaking client-led external briefs.

Delivery focuses on foundational visual and interactive design principles, complemented with the development of technological skills. As the programme progresses, there is a greater emphasis on the creation of an overall immersive digital media experience. This is achieved through cross-modular projects that require students to be cognisant of both creative and technical requirements in the conception and execution of project briefs.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to individuals that have an interest in design and creative technologies and the potential that digital media offers individuals, organisations and wider society.

## MODULES

**Year 1:** Multimedia Technology, Audio Storytelling, Visual Language, Interpersonal Development, Design Studio I - Critical & Creative Thinking, Digital Media Management and Networks, Interactive Programming I, Design Studio II - Interaction Design, Motion Graphics I, 3D Modelling I - Introduction to Modelling for Animation, Visual Design.

**Year 2:** Interactive Programming II, Design Studio III - User Interface Design, Media Writing, Web Design Techniques, Media Capture and Editing, Front-End Web Technologies, Information Visualisation, Effective Teamwork, Motion Graphics II, Web Content Management Systems.

**Year 3:** Database Technology, Server Side Programming I, Interactive Visualisation, Professional Development, Audio Environments, Digital Literacies, Augmented & Mixed Reality Environments, Management of Digital Media Projects, Interaction Design: Research Methods, Web Development Frameworks\*, Video

**CAO CODE:** LC517

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Clonmel Campus, Co. Tipperary

**CAO POINTS 2020:** 234

Environments\*, Employment Placement.  
\*Students choose one of these electives in year 3.

**Year 4:** Law, Copyright and Ethics, Instructional Design, Web Analytics & Advertising, Media Psychology, Venture Management, Emerging Technologies and Trends in Digital Media, Multimedia Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, job opportunities for graduates include: Digital Media Designer, Web Developer, Multimedia Developer, Interaction Designer, User Experience Designer, Augmented and Immersive Experience Designer, Motion Graphic Designer and many more. Graduates work for IBM Dublin, Cartrawler Dublin, Feedhenry Waterford, Emagine Media Waterford, ICON PLC Limerick, TSSG Waterford, Setanta College Thurles, Hibernia College Dublin, Storytoys Dublin, among others.

## Careers Day Clonmel

**21st & 22nd October 2020**

Games, Animation, Creative Media  
& VFX Industry

# Creative Media & Design.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

**QQI FET/FETAC Applicants:** A full QQI FET/FETAC Level 5 award.

**Mature Applicants:** Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Eamon Dalton, Programme Leader

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**Email:** eamon.dalton@lit.ie

**Web:** [www.lit.ie/Courses/LC504](http://www.lit.ie/Courses/LC504)

**f** CreativeMediaAndDesign

## WHAT IS THE PROGRAMME ABOUT?

The aim of the programme is to meet the demand for graduates with both visual and interactive design skills that can produce immersive digital media experiences.

Graduates will be able to work in a range of roles and contexts across the Digital Media, Design and Technology sectors. Graduates will be equipped with knowledge and skills related to Interface & User Experience Design, Interaction Design, Visualisation (in both an interactive and non-interactive context), Augmented and Mixed Reality, Web Technologies and Motion Graphics.

The programme blends technology with visual and interactive design practices to produce unique graduates. The programme is heavily focused on the needs and requirements of the digital media sector. To this end, students are provided with comprehensive lectures, tutorials and workshops in creative, design and technological fields. Students also gain valuable work experience and opportunities to collaborate with external organisations and agencies by undertaking client-led external briefs.

Delivery focuses on foundational visual and interactive design principles, complemented

with the development of technological skills. As the programme progresses, there is a greater emphasis on the creation of an overall immersive digital media experience. This is achieved through cross-modular projects that require students to be cognisant of both creative and technical requirements in the conception and execution of project briefs.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to individuals that have an interest in design and creative technologies and the potential that digital media offers individuals, organisations and wider society.

## MODULES

**Year 1:** Multimedia Technology, Audio Storytelling, Visual Language, Interpersonal Development, Design Studio I - Critical & Creative Thinking, Digital Media Management and Networks, Interactive Programming I, Design Studio II - Interaction Design, Motion Graphics I, 3D Modelling I - Introduction to Modelling for Animation, Visual Design.

**Year 2:** Interactive Programming II, Design Studio III - User Interface Design, Media Writing, Web Design Techniques, Media Capture and Editing, Front-End Web Technologies, Information Visualisation, Effective Teamwork, Motion Graphics II, Web Content Management Systems.

**Year 3:** Database Technology, Server Side Programming I, Interactive Visualisation, Professional Development, Audio Environments, Digital Literacies, Augmented & Mixed Reality Environments, Management of Digital Media Projects, Interaction Design: Research Methods, Web Development Frameworks\*, Video Environments\*, Employment Placement.

*\*Students choose one of these electives in year 3.*

**CAO CODE:** LC504

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 20-24 hours per week

**LOCATION:** Clonmel Campus, Co. Tipperary

**CAO POINTS 2020:** 192

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can progress to the Level 8 honours degree in Creative Media & Design at LIT.

Job opportunities for graduates include:

Digital Media Designer, Web Developer, Multimedia Developer, Interaction Designer, User Experience Designer, Augmented and Immersive Experience Designer, Motion Graphic Designer and many more. Graduates work for IBM Dublin, Cartrawler Dublin, Feedhenry Waterford, Emagine Media Waterford, ICON PLC Limerick, TSSG Waterford, Setanta College Thurles, Hibernia College Dublin, Storytoys Dublin, Business IT Solutions Kilkenny, IT Legal Cork, among others.

## Careers Day Clonmel

**21st & 22nd October 2020**

Games, Animation, Creative Media & VFX Industry

# Digital Animation Production.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

### QQI FET/FETAC Applicants:

A full QQI FET/FETAC Level 5 award, including a distinction grade in at least three modules. The presentation of a Portfolio of selected work or an interview and assessment is also required.

### Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Michael Kiely,

Programme Leader

**Tel:** 0504 28452

**Email:** michael.kiely@lit.ie

**Web:** www.lit.ie/Courses/LC518

f animation.lit

## WHAT IS THE PROGRAMME ABOUT?

On this programme, students learn to design, create and animate for both 2D and 3D platforms such as TV, Film and Games. There is a focus on developing students' core skills in the traditional disciplines of drawing, illustration and animation asset design with a strong emphasis on the principles of animation.

Building on this foundation, students continue to develop their creative voice while training in industry standard software, processes and technologies with the aim of bringing their ideas and concepts to life on screen.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to individuals with an artistic ability who wish to produce high quality digital animation by combining their artistic creativity with technical know-how. Emphasis is placed on the needs of animation studio production, with the programme aiding and developing individuals to fulfil both generalist and specialist roles in such organisations.

## MODULES

**Year 1:** Multimedia Technology, Drawing Principles I, Visual Communications I, Audio Storytelling for Digital Media I, Animation I, Interpersonal Development, Interactive Programming I, Drawing Principles II, Visual Communications II, 3D Modelling I, Visual Storytelling for Animation and Games, Animation II.

**Year 2:** Interactive Programming II, Drawing Principles III, Illustration for Animation I, 3D Modelling II, Animation III, Media Writing, Short Film I, Rigging for Animation, Animation IV, Film Studies I, Effective Teamwork.

**Year 3:** Portfolio, Sound Design, 3D Animation, Film Studies II, Professional Development, Materials & Lighting for Animation, Short Film II, Compositing, Project Management for Animation, Narrative, Employment Placement.

**Year 4:** Scripting for Technical Artists, Studio Project I, Matte Painting, Animation V, Animation VI: Animal and Creature Locomotion, Dissertation I, Emerging Technologies and Trends, Studio Project II, Media Psychology, Venture Management, Advanced Digital Literacy, Dissertation II.

## WHAT CAN I DO AFTER THE PROGRAMME?

This programme produces graduates with an excellent knowledge and understanding of computer animation, suitable for employment in the digital animation, gaming and multimedia sectors.

Graduates will have a strong foundation in the planning, production and management of animation projects. The combination of creative and technical skills on the programme will ensure you are a versatile graduate who can fulfil more than one role in any organisation, thus making you highly employable in the industry.

**CAO CODE:** LC518

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Clonmel Campus, Co. Tipperary

**CAO POINTS 2020:** 808\*

*\*Points are a combination of Leaving Certificate results and Portfolio Assessment.*

Positions for graduates may include: Animator (2D & 3D), 3D Modeller, Rigger (2D & 3D), Texture & Lighting Artist, Compositor, Technical Artist, Storyboard Artist, Art Direction, Animation Director.

## Portfolio Preparation & Information Days

@ LIT Clonmel

7th November 2020

16th January 2021

[www.lit.ie/Portfolio](http://www.lit.ie/Portfolio)

## Game Art & Design.

Bachelor of Science  
(Honours)



### MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

**QQI FET/FETAC Applicants:** A full QQI FET/FETAC Level 5 award, including a distinction grade in at least three modules. The presentation of a Portfolio of selected work or an interview and assessment is also required.

**Mature Applicants:** Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Mr. Adrian Fielding & Mr. Richard McEnteggart, Programme Leaders

**Tel:** 0504 28413/28410

**Email:** Adrian.Fielding@lit.ie  
Richard.McEnteggart@lit.ie

**Web:** www.lit.ie/Courses/LC502

### WHAT IS THE PROGRAMME ABOUT?

The B.Sc. (Honours) in Game Art & Design targets the creative needs of the games industry by producing graduates who can develop high quality game content, design game levels and work with industry leading content creation tools, scripting languages and game engines.

In addition to developing students' artistic skills, students of the programme acquire the skills to produce compelling game content for various gaming applications and platforms. The graduates of this programme possess a well-developed understanding of both the creative and technical processes involved in producing game content.

The programme is designed to provide students with the knowledge and skills required to work in the games industry as games artists, content creators and designers. The programme embodies the multidisciplinary nature of the games sector and seeks to address the demand for game art and design skills both nationally and internationally.

### WHO IS THE PROGRAMME SUITED TO?

The programme is suited to individuals with an artistic ability who wish to work in the games industry as game artists, content creators and designers by combining their artistic creativity with technical know-how.

### MODULES

**Year 1:** Multimedia Technology, Audio Storytelling, Interpersonal Development, Visual Communication I, Interactive Fiction for Games, Drawing Principles I, Gaming Fundamentals, Interactive Programming I, 3D Modelling I – Props for Games, Animation I for Games, Drawing Principles II.

**Year 2:** Concept Art, Interaction Design for Games, 2D Asset Creation, Interactive Programming II, Game Design I: Fundamentals of Game Design, Game Engines I, Game Level Design I: Fundamentals of Level Design, Effective Teamwork, Materials and Lighting for Games, 3D Modelling II – Characters and Creatures for Games, Animation II for Games, Rigging for Games.

**Year 3:** Virtual Reality, Professional Development, Game Engines II, Management of Digital Media Projects, Game Design and Production, Employment Placement, Modelling, Texturing and Lighting Game Environments, Designing Game Projects, Scripting & Digital Tool Creation for Technical Directors, Animation III for Games.

**Year 4:** Instructional Design, The Game Industry, Compositing, Venture Management, FX for Games, Major Games Project, Law Copyright and Ethics.

**CAO CODE:** LC502

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 21-24 hours per week

**LOCATION:** Clonmel Campus, Co. Tipperary

**CAO POINTS 2020:** 852\*

*\*Points are a combination of Leaving Certificate results and Portfolio Assessment.*

### WHAT CAN I DO AFTER THE PROGRAMME?

This programme produces graduates with an excellent knowledge and understanding of game design, level design, game content creation, game engines and scripting. This makes our graduates suitable for employment in the gaming, animation and visual effects sectors.

The combination of creative and technical skills on the programme will ensure you are a versatile graduate who can fulfil more than one role in any organisation, thus making you highly employable in the industry.

**Portfolio Preparation  
& Information Days  
@ LIT Clonmel**

**7th November 2020  
16th January 2021**

[www.lit.ie/Portfolio](http://www.lit.ie/Portfolio)

# Visual Effects for Film, TV and Animation.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. The presentation of a Portfolio of selected work or an interview and assessment is also required.

**QQI FET/FETAC Applicants:** A full QQI FET/FETAC Level 5 award, including a distinction grade in at least three modules. The presentation of a Portfolio of selected work or an interview and assessment is also required.

**Mature Applicants:** Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Richard Gavin,  
Programme Leader

**Tel:** 0504 28490

**Email:** Richard.Gavin@lit.ie

**Web:** www.lit.ie/Courses/LC506

## WHAT IS THE PROGRAMME ABOUT?

Are you interested in learning how to create the latest Visual Effects you see in Film, TV, and adverts? On LIT's four-year B.Sc. (Honours) in Visual Effects for Film, TV and Animation, you will learn how to create and develop high quality digital content for the visual effects and 3D animation industry. This is an industry-focused course developed by ex-industry professionals who have worked for internationally renowned studios like Double Negative (Inception, The Dark Knight, Blade Runner 2049) Brown Bag Films and Screen Scene. If you want to learn industry leading content creations tools, techniques and workflows this is the course for you.

The B.Sc. (Honours) in Visual Effects for Film, TV and Animation is designed to develop your artistic and technical ability to produce world-class 3D content. You will gain the knowledge and skills required to work in the Visual Effects and 3D animation industry as artists, content creators and designers for the film, television and animation sectors both nationally and internationally.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to individuals with an artistic ability who have an interest in film making, animation and digital content creation, who wish to work in the film, TV or animation industry as VFX artists, 3D content creators and designers by combining their artistic creativity with technical know-how.

## MODULES

**Year 1:** Drawing Principles I, Animation I Fundamentals, 3D Modelling I - Introduction to Modelling for Animation, 3D Modelling II - Characters and Creatures, Materials & Lighting for Animation, Interactive Programming I, Compositing I: Fundamentals, 3D Animation: Introduction to 3D Animation, Digital Photography, Concept Art I, Visual Communications I, Interpersonal Development.

**Year 2:** Pre-Visualization and Layout, Effective Teamwork, Rigging I Creatures and Characters, Matchmove, Media Capture and Editing, Modelling Texturing and Lighting Scenes, Short Film/CG Project I, 3D Animation II, Compositing II, Mattes & Motion Graphics, Film Studies I.

**Year 3:** Short Film/CG Project II, Compositing III - Advanced Comp, Professional Development, Effects I Fundamentals, Concept Art II, Digital Sculpting, Project Management for Animation, Matte Painting & Environments, Employment Placement, Portfolio.

**Year 4:** Short Film/CG Project II, Compositing III - Advanced Comp, Professional Development, Effects I Fundamentals, Concept Art II, Digital Sculpting, Project Management for Animation, Matte Painting & Environments, Employment Placement, Portfolio.

CAO CODE: LC506

NEW  
PROGRAMME

PROGRAMME LEVEL: 8

DURATION: 4 years

CLASS HOURS: 19-24 hours per week

LOCATION: Clonmel Campus, Co. Tipperary

CAO POINTS 2020: New Programme\*

\*Points are a combination of Leaving Certificate results and Portfolio Assessment.

## WHAT CAN I DO AFTER THE PROGRAMME?

Ireland's Film and Animation sectors are booming and the national and international growth and success of the film and television sectors has created a real need for creative graduates who possess a unique blend of artistic and technological skills.

Graduates will have a range of industry ready skills that make them highly employable across the television feature film media and creative technology industries, including a variety of roles such as: Creature/Character Animators, Matchmove, Lighting, Rigging, Effects, Look Development, Texture Artist, Layout, Compositing, Production Management, Creature Modeller, VFX Editing, Character Designer, Matte Painting, Concept Art, Technical Director, FX artists.

# Creative Broadcast & Film Production.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

## QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** film8@lit.ie

**Web:** www.lit.ie/Courses/LC371

## WHAT IS THE PROGRAMME ABOUT?

This skills based programme offers students an exciting opportunity to explore the world of the broadcast media industry, covering a range of disciplines across film and TV production, visual effects, editing, radio, audio mixing, photography, as well as broadcast technologies across a range of new and traditional media platforms. We offer our students a range of prospects for both academic and career progression in the broadcast, film, and creative media industries, as well as extensive hands on production work experience. If you have a story to tell, we will show you how.

## Features of the programme:

- Industry led Production & Post Production Practices;
- Digital Photography & Cinematography Techniques;
- Creative Design for CGI, VFX & Digital Art Direction;
- Participate in the Limerick International Film Festival (Hosted by the Film Production programme);
- Work in our state of the art Millennium Theatre on a range of live events;

- Work on Wired FM - our student Radio Station;
- Industry tours and award winning visiting lecturers;
- Industry work experience – Year 3;
- Modules driven by dedicated staff with strong industry and academic careers;
- Outstanding graduate employment opportunities in the Film and Broadcast industries.

## WHO IS THE PROGRAMME SUITED TO?

If you are interested in filmmaking and storytelling on screen, this programme aims to develop the practical creative and technical skills and knowledge you will need to succeed in the dynamic world of film and broadcast production across a range of screen platforms.

## MODULES

**Year 1:** Broadcast Production, Media Management & Post Production, Radio Production, Digital Storytelling, Photography & Photo Journalism, Social Media.

**Year 2:** Short Screen Production, Broadcast Editing, Audio Workstation, Electronic Systems, Film Motion Graphics, Digital Set Design, Event Staging & Management, Internet Media Technology.

**Year 3:** Multicam Production & Direction, Film Post Production, Soundscape Post Production, VFX Compositing & Portfolio, Screen Lighting & Cinematography, Industry Work Experience.

**Year 4:** (Core) Broadcast Production Management, Audio for Picture 4, Music/Audio Project and Dissertation, Advanced Film Post Production. *Students are offered a choice of two electives (subject to placement).*

**Electives:** Audio Video Digital Signal Processing, Broadcast and Copyright Law, Event Staging and Management 3.

**CAO CODE:** LC371

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

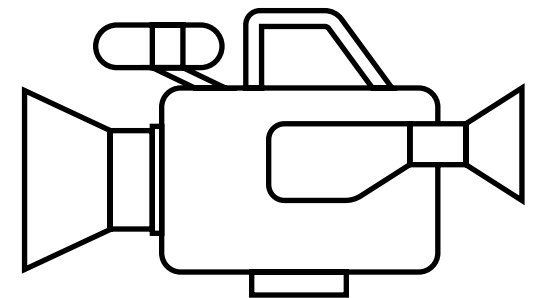
**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 309

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have an advanced career in the areas of: Camera Operations, Sound Recording, Lighting Operator, Radio, Research & Production Assistant, Sound Engineering & Mixing, Data Wrangling, VFX & Motion Graphics, Games Development, Foley & Sound Effects, Photography, Production Assistant Live Events, Post Production Video Editor, CGI Digital Art Direction, Multimedia Promotions and Event Management.

Alternatively, you can continue to Masters and PhD studies, either in LIT or other institutes and universities.



# Creative Broadcast & Film Production.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 5 O6/ H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

## QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** film@lit.ie

**Web:** www.lit.ie/Courses/LC276

## WHAT IS THE PROGRAMME ABOUT?

This skills based programme offers students an exciting opportunity to explore the world of the broadcast media industry, covering a range of disciplines across film and TV production, visual effects, editing, radio, audio mixing, photography, as well as broadcast technologies across a range of new and traditional media platforms.

Upon successful completion of this Level 7 programme, students can progress to a Level 8 B.Sc (Honours) degree. We offer our students a range of prospects for both academic and career progression in the broadcast, film, and creative media industries, as well as extensive hands on production work experience. If you have a story to tell, we will show you how.

## Features of the programme:

- Industry led Production & Post Production Practices;
- Digital Photography & Cinematography Techniques;
- Creative Design for CGI, VFX & Digital Art Direction;
- Participate in the Limerick International Film Festival (Hosted by the Film Production programme);

- Work in our state of the art Millennium Theatre on a range of live events;
- Work on Wired FM - our student Radio Station;
- Industry tours and award winning visiting lecturers;
- Industry work experience – Year 3;
- Modules driven by dedicated staff with strong industry and academic careers;
- Outstanding graduate employment opportunities in the Film and Broadcast industries.

## WHO IS THE PROGRAMME SUITED TO?

If you are interested in filmmaking and storytelling on screen, this programme aims to develop the practical, creative and technical skills and knowledge you will need to succeed in the dynamic world of film and broadcast production across a range of screen platforms.

## MODULES

**Year 1:** Broadcast Production, Media Management & Post Production, Radio Production, Digital Storytelling, Photography & Photo Journalism, Social Media.

**Year 2:** Short Screen Production, Broadcast Editing, Audio Workstation, Electronic Systems, Film Motion Graphics, Digital Set Design, Event Staging & Management, Internet Media Technology.

**Year 3:** Multicam Production & Direction, Film Post Production, Soundscape Post Production, VFX Compositing & Portfolio, Screen Lighting & Cinematography, Industry Work Experience.

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in the areas of: Camera Operations, Sound Recording, Lighting Operator, Radio, Research & Production

**CAO CODE:** LC276

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 297

Assistant, Sound Engineering & Mixing, Data Wrangling, VFX & Motion Graphics, Games Development, Foley & Sound Effects, Photography, Production Assistant Live Events, Post Production Video Editor, CGI Digital Art Direction, Multimedia Promotions and Event Management.

Alternatively, you can continue to complete a Level 8 Honours degree in Creative Broadcast & Film Production at LIT and continue to Masters and PhD studies, either in LIT or other institutes and universities.

# Music Technology and Production.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

## QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr John Greenwood,  
Programme Leader

**Email:** john.greenwood@lit.ie

**Web:** www.lit.ie/Courses/LC372

## WHAT IS THE PROGRAMME ABOUT?

This programme is designed for students wishing to build a career in the Music and Audio production industry. Graduates will have the knowledge and skills needed to perform at a high-level in a number of modern technical environments, including: recording studios, video editing suites, and in live theatre.

Graduates will know the principles and operation of studio equipment in both digital and analogue realms; will learn the specifics of music, musical instruments and factors affecting the quality of recording, including: mixing, mastering and mass production. Later in the programme, an emphasis is placed on the music business and business planning, particularly in relation to events and events management.

Music Technology and Production students have access to state-of-the-art recording and production facilities at LIT and our experienced lecturers give students the thorough, hands-on and personal support they need to make the most of their studies. Features of the programme include producing music, i.e. recording, synthesizing,

sequencing, composing, performing, editing, evaluating, marketing and selling music.

## WHO IS THE PROGRAMME SUITED TO?

This programme will appeal to students wishing to build a career in the music and audio production industry.

## MODULES

**Year 1:** Music, Digital Audio, Music Technology, Audio Aural Skills, Audio Electronics, Acoustics.

**Year 2:** Music, Digital Audio, Music Technology, Interactive Audio, Audio Electronics, Acoustics, Internet Media Technology, Digital Communications, Event Staging.

**Year 3:** Music, Digital Audio, Music Technology, Interactive Audio, Work Placement, Studio Design, Music Business and Monetisation, Project, Event Staging.

**Year 4:** Music Production, Advanced Mixing, Audio Video Digital Signal Processing, Video Post-Production, Broadcast and Copyright Law, Event Management, Project.

**CAO CODE:** LC372

**PROGRAMME LEVEL:** 8

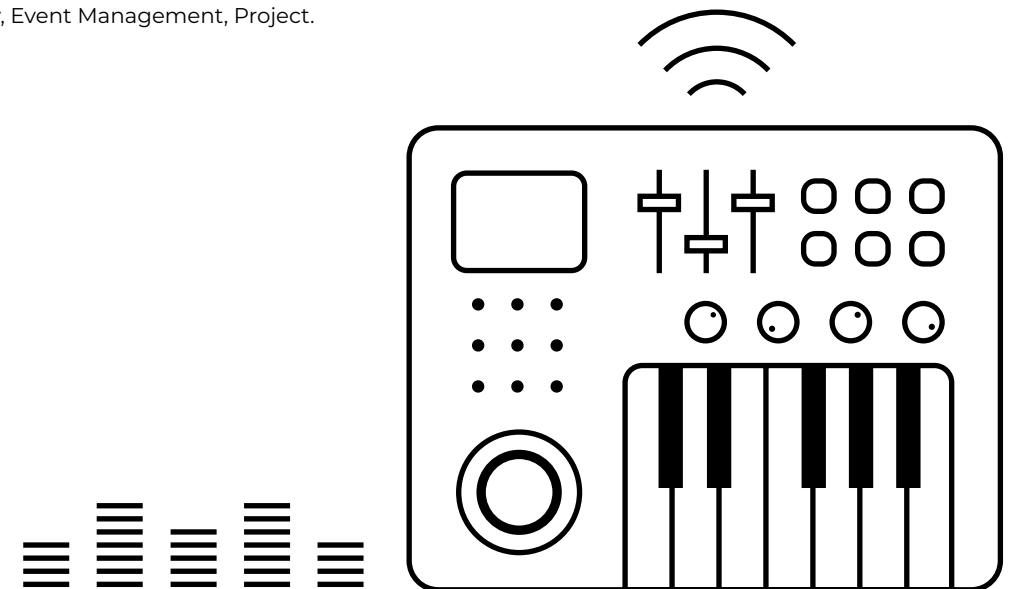
**DURATION:** 4 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 325

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates will have the knowledge and skills required to work in modern technical and creative environments, such as in recording studios, video editing suites and in live theatre.





# Music Technology and Production.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

**Leaving Certificate:** A minimum of 5 O6/ H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr John Greenwood,  
Programme Leader

**Email:** john.greenwood@lit.ie

**Web:** www.lit.ie/Courses/LC270

## WHAT IS THE PROGRAMME ABOUT?

This programme is designed for students wishing to build a career in the Music and Audio production industry. Graduates will have the knowledge and skills needed to perform at a high-level in a number of modern technical environments, including: recording studios, video editing suites, and in live theatre.

Graduates will know the principles and operation of studio equipment in both digital and analogue realms; will learn the specifics of music, musical instruments and factors affecting the quality of recording, including: mixing, mastering and mass production. Later in the programme an emphasis is placed on the music business and business planning, particularly in relation to events and events management.

Music Technology and Production students have access to state-of-the-art recording and production facilities at LIT and our experienced lecturers give students the thorough, hands-on and personal support they need to make the most of their studies. Features of the programme include producing Music, i.e. recording, synthesizing,

sequencing, composing, performing, editing, evaluating, marketing and selling music.

## WHO IS THE PROGRAMME SUITED TO?

This programme will appeal to any students wishing to build a career in the music and audio production industry.

## MODULES

**Year 1:** Music, Digital Audio, Music Technology, Audio Aural Skills, Audio Electronics, Acoustics.

**Year 2:** Music, Digital Audio, Music Technology, Interactive Audio, Audio Electronics, Acoustics, Internet Media Technology, Digital Communications, Event Staging.

**Year 3:** Music, Digital Audio, Music Technology, Interactive Audio, Work Placement, Studio Design, Music Business and Monetisation, Project, Event Staging.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, graduates can operate in a wide variety of roles in the music industry and use these skills in related areas where content provision is crucial.

Successful graduates of this programme are eligible to progress to the Level 8 Bachelor of Science (Honours) degree in Music Technology and Production at LIT.

**CAO CODE:** LC270

**PROGRAMME LEVEL:** 7

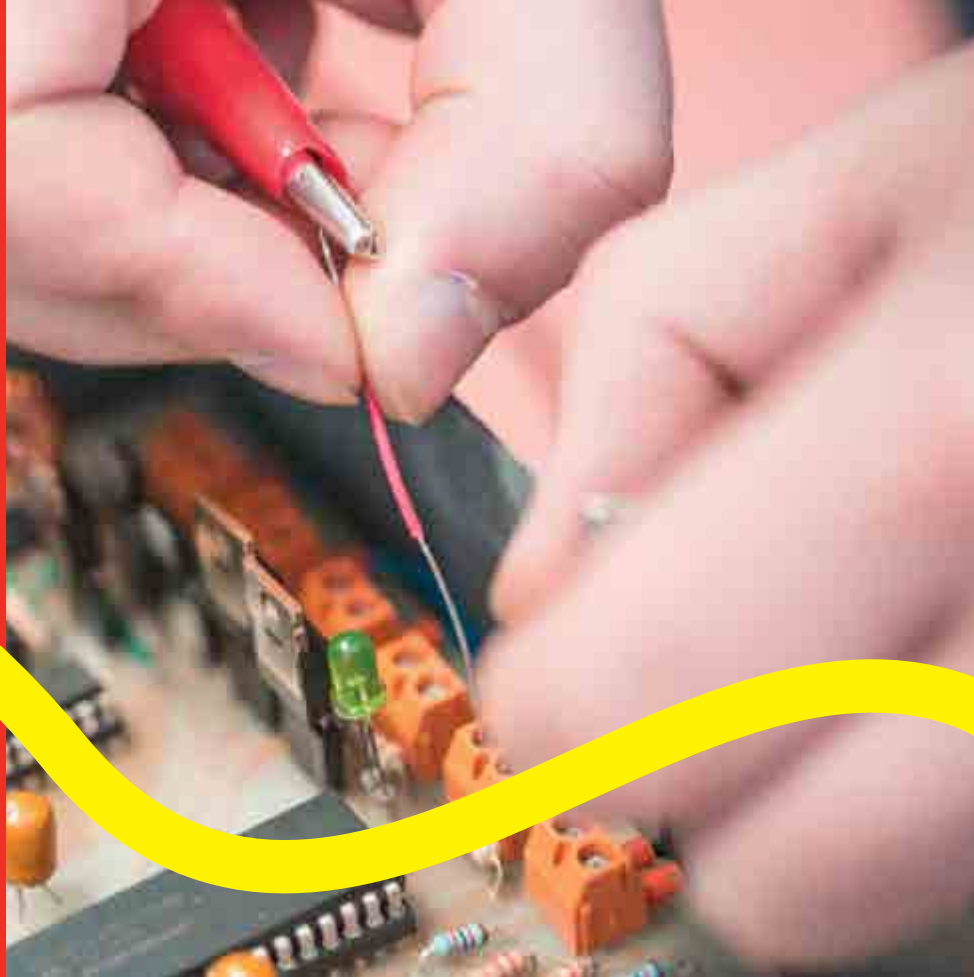
**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 307



INNOVATIVE



# Faculty of Applied Science, Engineering and Technology

The Faculty of Applied Science, Engineering and Technology comprises five academic departments:

- Department of Applied Science
- Department of Electrical and Electronic Engineering
- Department of Mechanical and Automobile Engineering
- Department of the Built Environment
- Department of Information Technology

The Faculty has over 2,500 full-time students, a considerable evening continuing education programme and also delivers block release courses to apprentices in the trades of electrician, carpentry and joinery, motor mechanic and mechanical fitter.

The Faculty provides a very wide and diverse range of programmes to our community from Agricultural Mechanisation to Forensic and Pharmaceutical Science to Civil Engineering to Quantity Surveying and Computing. The academic level of our programmes ranges from Higher Certificates (Level 6), to Ordinary Degrees, Honours Degrees, Masters Degrees and on to PhD (Level 10).

We are constantly monitoring the quality and relevance of all of our programmes of study and developing new programmes to meet the demand of students and industry. Programmes are recognised by the relevant professional bodies including Engineers Ireland, Society of Chartered Surveyors Ireland, the Chartered Institute of Building and others. Details of programmes are provided under each Department section of this brochure.

Research is very active within the Faculty and we are very proud of our activities to date. Research active groups within the Faculty are successful in leading and co-ordinating international research and gaining research funding.

Our ambition as a Faculty is to continue to be at the forefront of new technological developments, to design new and innovative programmes and to support our local and national industry and commercial sector. In particular, the Faculty of Applied Science, Engineering and Technology is committed to developing and applying new and innovative active learning strategies to enhance and improve the learning experience of our student community and to provide students with the knowledge, skills and competencies to contribute actively to their chosen profession.

We welcome students who wish to graduate as professionals in the Science, Engineering, Information Technology and Built Environment industries and who wish to participate actively in the academic, sporting and social life of the Institute.

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**Dean, Faculty Applied Science,  
Engineering & Technology**  
Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.),  
C.Eng, FIEI

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#### **FURTHER INFORMATION**

The Faculty Office  
Tel: 061 293261 / 061 293858  
Email: [ASET@LIT.ie](mailto:ASET@LIT.ie)

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# Department of Applied Science

Faculty of Applied Science,  
Engineering and Technology

Welcome to the Department of Applied Science at LIT Moylish (Limerick) and LIT Thurles.

We are delighted that you are considering starting your career in Science with us. Not only are our graduates highly sought after by industry but also by international research centres as they are recognised for having the highest quality in Analytical Technical skills and problem solving which spans all scientific disciplines.

When you become a science student with us, 50% of your training will involve practical hands-on experience which means you have what employers want from day one. We offer multiple pathways to completing your training to honours degree level and regardless of whether you start on a two year programme or a three year programme; you can achieve an honours degree in four years. On the other hand, should you decide that you want to take a break after completing two years of a four year programme you can exit with a Higher Certificate

in that discipline, meaning that you get recognised for your work already done. The path of your education is in your hands. You can also check out our Masters and PhD programmes.

We offer a range of programmes in the disciplines of Applied Biology, Biotechnology, Biopharmaceuticals (new), Applied Chemistry, Environmental Science, Environmental Management, Forensic and Pharmaceutical Science, Drug and Medicinal Product Analysis, and Medical Technology. Whichever you choose, practical skills are at our core which give you a passport to the modern scientific world.

So, if you are interested in any of our programmes or want to walk through our state of the art laboratories just give us a call. You are most welcome.





**Andrea Collins,**  
Medical Technology



## Student Profile

"I chose this course because I have always wanted to work in the healthcare sector. When I came across the course in LIT, I was really impressed and thought that it was the perfect combination of science, and engineering and medical technology. Because of the nature of the Medical Technology industry, the coursework can change from year to year to stay up to date with this constantly evolving area.

The balance of theory and practical work is ideal as you can get hands-on experience with the medical devices and programmes used within industry and hospitals, which makes it easier to understand the theory and concepts of what's learned in class.

In 3rd year, we went on a few site visits and had Work Placement and case projects. From seeing the fast-paced environment that is MedTech, it was easy to see why this course is so important.

Doing this course in LIT, with the small class sizes, and extremely dedicated lecturers has made the whole college experience extremely enjoyable. A big part of the appeal of studying in LIT are the small campuses and that you are treated as a person and you are not known just by your student number."



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**Dean, Faculty Applied Science,  
Engineering & Technology**

Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.),  
C.Eng, FIEI

**Head of Department of Applied  
Science**

Mr. Daniel J. Walsh BSc, PhD

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**FURTHER INFORMATION**

Department of Applied Science  
Tel: 061 293261 (Limerick)  
0504 28253 (Thurles)

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC362</b>	<b>Biotechnology with Biopharmaceutical Science</b> Bachelor of Science (Honours) Ab Initio	142
<b>LC266</b>	<b>Drug &amp; Medicinal Product Analysis</b> Bachelor of Science (Honours) Ab Initio	146
<b>LC408</b>	<b>Environmental Science &amp; Climate</b> Bachelor of Science (Honours) Ab Initio – Thurles	148
<b>LC265</b>	<b>Forensic &amp; Pharmaceutical Science</b> Bachelor of Science (Honours) Ab Initio	152
<b>LC263</b>	<b>Clinical Technology</b> Bachelor of Science (Honours) Ab Initio	156

### LEVEL 7 PROGRAMMES ON CAO

page

<b>LC260</b>	<b>Applied Biology</b> Bachelor of Science	138
<b>LC425</b>	<b>Environmental Science</b> Bachelor of Science – Thurles	150
<b>LC267</b>	<b>Forensic &amp; Pharmaceutical Science</b> Bachelor of Science	154
<b>LC268</b>	<b>Medical Technology</b> Bachelor of Science	158

### ADD-ON PROGRAMMES

<b>ADD-ON</b>	<b>Bioanalysis &amp; Biotechnology</b> Bachelor of Science (Honours)	140
<b>ADD-ON</b>	<b>Chemical Instrumentation &amp; Analysis</b> Bachelor of Science (Honours)	144
<b>ADD-ON</b>	<b>Medical Technology</b> Bachelor of Science (Honours)	160

### POSTGRADUATE PROGRAMMES

- **Postgraduate Studies & Research Opportunities in Applied Science (Level 9 & 10)**

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



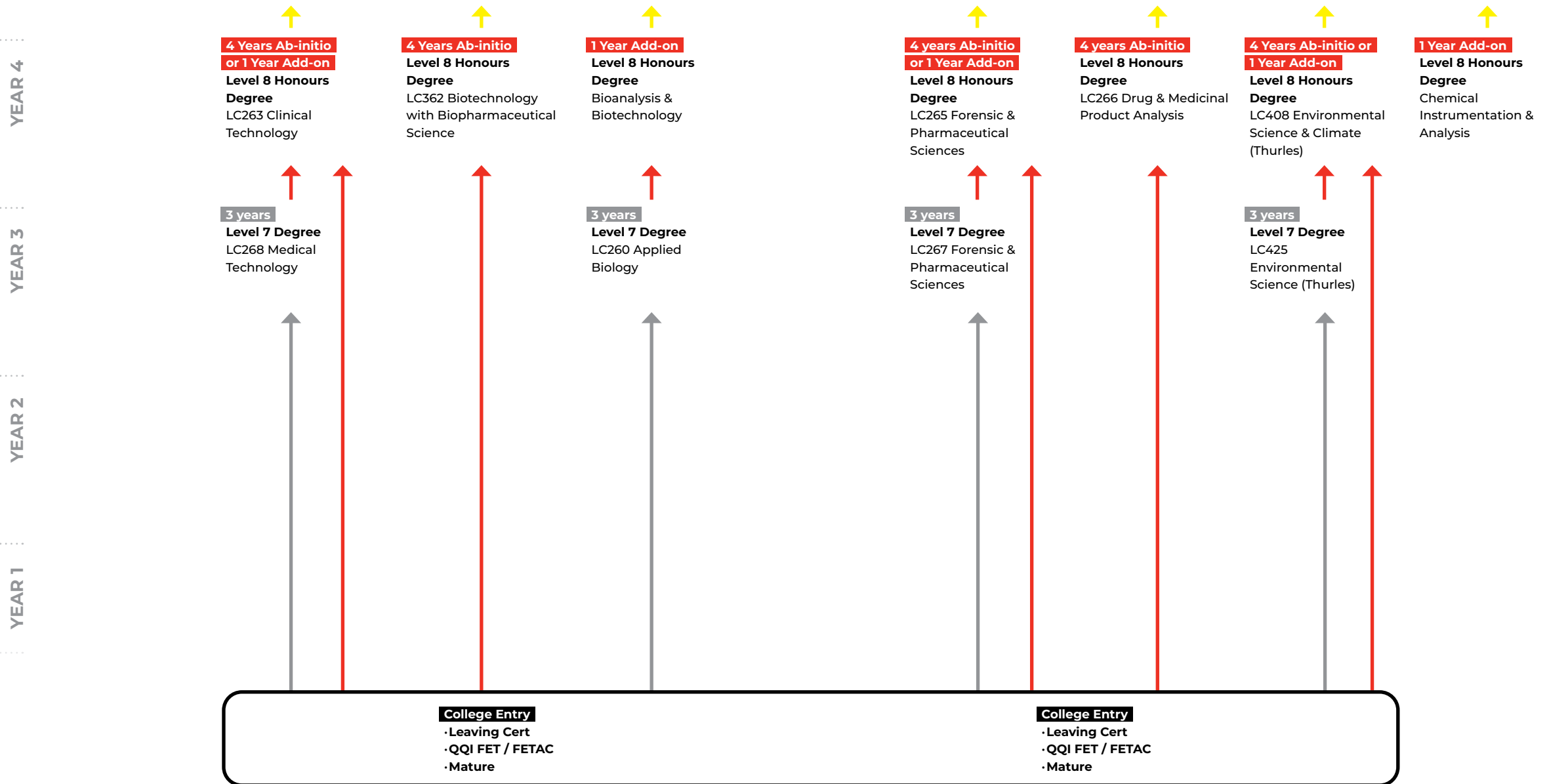
# Progression Opportunities

## Applied Science

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**

### Postgraduate Programmes (Level 9 & Level 10)



# Applied Biology.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Marie O'Callaghan,  
Programme Leader

**Tel:** 061 293239

**Email:** marie.ocallaghan@lit.ie

**Web:** www.lit.ie/Courses/LC260

f AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

Applied Biology is a discipline that is currently at the forefront of scientific research and technological development and underpins a number of premier industries in Ireland and internationally. These include the Healthcare and Biopharmaceutical sectors, Food industries, Biotechnology, Bioanalytical and Diagnostics, and more.

This programme allows you an opportunity to study the key areas in Applied Biology including Microbiology, Biochemistry, Food Science, Biotechnology, Genetics, Bio-forensics, and Healthcare. You will also gain hands-on experience of state of the art laboratory techniques, merging both traditional and cutting-edge technologies in the life sciences.

## WHO IS THE PROGRAMME SUITED TO?

This programme is designed for students who have a keen interest in Biology and who wish to pursue successful careers in the Life Sciences. You will have small class sizes, dedicated lecturers, and gain hands-on experience of state of the art technologies in Applied Biology.

## MODULES

**Year 1:** Biology (Applied), Introductory Physics Concepts, Chemistry, Laboratory Practice, Mathematics for Biologists.

**Year 2:** Microbiology, Biochemistry, Cell Biology, Analytical Techniques, Concepts in Chemistry for Biologists, Mathematics and Statistics for Quality Control.

**Year 3:** Advanced Biochemistry with Industrial Applications, Applied Microbiology, Food Science & Technology, Bio-Analytical Techniques, Quality Assurance & Regulations, Project (Planning and Practical).

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme offers you diverse employment opportunities in key growth areas within the Life Sciences. As a graduate in Applied Biology you will have excellent career prospects and employment opportunities in a range of sectors such as the Biotechnology, Food, Healthcare, Environmental, Bio-Pharmaceutical and more.

Graduates of the programme who meet the minimum criteria for progression may also progress to the one year add-on Level 8 Honours Degree in Bioanalysis & Biotechnology.

**CAO CODE:** LC260

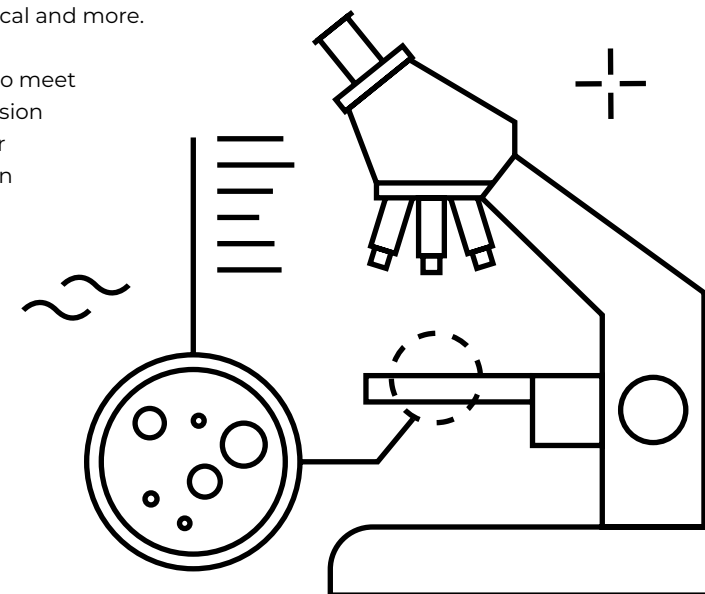
**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 326





# Bioanalysis & Biotechnology.

Bachelor of Science (Honours)



## MINIMUM ENTRY REQUIREMENTS

1. A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 50%.
2. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
3. A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** [admissions@lit.ie](mailto:admissions@lit.ie)

## FURTHER INFORMATION

**Contact:** Dr. Ann Murphy, Programme Leader

**Tel:** 061 293815

**Email:** [ann.murphy@lit.ie](mailto:ann.murphy@lit.ie)

**Web:** [www.lit.ie/Courses/A8260](http://www.lit.ie/Courses/A8260)

**f** [AppliedScienceLIT](#)

## WHAT IS THE PROGRAMME ABOUT?

This interdisciplinary one-year add-on programme provides you with specialist skills in the Bioanalytical and Biotechnology sectors. You will gain critical skills in key areas including Bioanalysis, Biotechnology, Bioprocessing, Mammalian Cell Culture, Biomolecular Techniques, Bioanalytical Method Validation, Quality Management Systems and Data Analytics.

Graduates of the programme may have careers in Bioanalytical Science, Process Science, Biopharma and Food Manufacturing, Quality Control and Research & Development in a range of modern bio-industries including the Biopharmaceuticals, Biotechnology, Bioanalytical and Food Sectors.

## WHO IS THE PROGRAMME SUITED TO?

This is a one year add-on honours programme and is ideal for Level 7 graduates in Applied Biology and related disciplines in the biological sciences.

## MODULES

**Semester 1:** Biomolecular Techniques, Bioanalytical Method Validation, Mammalian Cell Culture, Data Analytics, Project Management & Research.

**Semester 2:** Bioanalysis, Biotechnology, Bioprocessing, Quality Management, Research Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

You will have excellent employment and career opportunities in key growth areas including the Biopharmaceutical, Biotechnology, Bioanalytical, and Healthcare sectors.

Typical jobs include Bioanalyst, Biotechnologist, Production Specialist, Process Scientist, Microbiologist and Molecular Biologist. Some graduates work in Vistakon, Regeneron, Pfizer, BMS, Biomarin, MSD, Beckman Coulter and Janssen.

Graduates may also pursue Masters or Ph.D. programmes in Biology-related disciplines in Ireland or abroad.

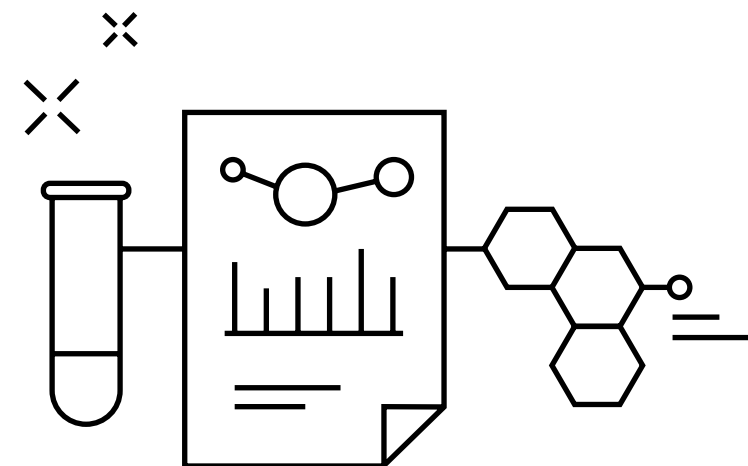
**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 year add-on programme following on from LC260 Level 7 Degree

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick



# Biotechnology with Biopharmaceutical Science.

Bachelor of Science (Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of two H5 and four O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Ann Murphy, Programme Leader

**Tel:** 061 293815

**Email:** ann.murphy@lit.ie

**Web:** www.lit.ie/Courses/LC362

**Contact:** Dr. Mary Morrin, Programme Leader

**Tel:** 061 293333

**Email:** mary.morrin@lit.ie

**Web:** www.lit.ie/Courses/LC362

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## WHAT IS THE PROGRAMME ABOUT?

The aim of this 4-year level 8 ab initio programme is to provide graduates with an Honours degree in Biotechnology with an emphasis on Biopharmaceutical Science.

It meets the growing demand of the Life Sciences and Biopharmaceutical sectors for highly skilled graduates with specialist training in Biotechnology, Microbiology, Biomolecular Techniques, Mammalian Cell Culture, Bioanalysis, Bioprocessing, Quality Management and Data Analytics.

Graduates of this programme may have careers in Biopharma Manufacturing, Process Science, Quality Control, and Research and Development in a range of Bio-Industry sectors. You may also continue your studies and undertake a Masters or Ph.D programme in Biology-related disciplines in Ireland or abroad.

## WHO IS THE PROGRAMME SUITED TO?

This programme is designed for students who have a keen interest in Biology and who wish to pursue successful careers in the Life

Sciences and in particular the Biotechnology and Biopharmaceutical industries.

You will have small class sizes, dedicated lecturers, and gain hands-on experience of state of the art technologies in Biotechnology.

## MODULES

**Year 1:** Biology, Chemistry, Introductory Physics Concepts, Laboratory Practice and Mathematics for Biologists.

**Year 2:** Analytical Techniques, Biochemistry, Cell Biology, Microbiology, Concepts in Chemistry for Biologists, Maths & Statistics for Quality Control.

**Year 3:** Advanced Biochemistry with Industrial Applications, Applied Microbiology, Food Science & Technology, Bio-Analytical Techniques, Quality Assurance & Regulations, Six month Work Placement or Research Project (*Semester 2*).

**Year 4: Semester 1:** Biomolecular Techniques, Bioanalytical Method Validation, Mammalian Cell Culture, Data Analytics, Project Management & Research.

**Semester 2:** Bioanalysis, Biotechnology, Bioprocessing, Quality Management, Research Project.

**CAO CODE:** LC362

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years (with 6 month Work Placement)

**CLASS HOURS:** 22-25 hours per week

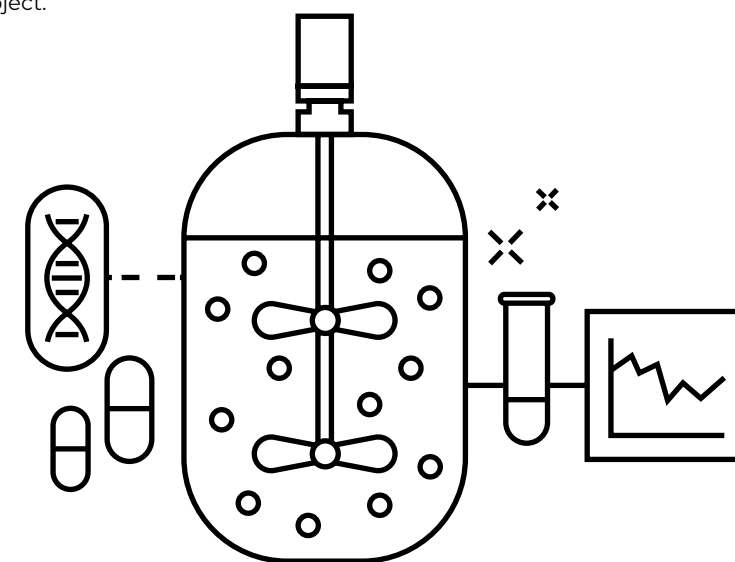
**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 413

## WHAT CAN I DO AFTER THE PROGRAMME?

Employment and career opportunities are available in key growth areas including the Biotechnology, Biopharmaceutical, Bioanalytical and Healthcare sectors. Typical jobs include Process Scientist, Bioanalyst, Biotechnologist, Production Specialist, Microbiologist and Molecular Biologist. Graduates may work in Regeneron, Pfizer, BMS, Biomarin, MSD, Vistakon, Beckman Coulter and Janssen.

Graduates may also pursue Masters or Ph.D. programmes in Biology-related disciplines in Ireland or abroad.



# Chemical Instrumentation & Analysis.

Bachelor of Science (Honours)



## MINIMUM ENTRY REQUIREMENTS

1. A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 40%.
2. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
3. A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.

## Apply directly to LIT

**Tel:** 061 293262

**Email:** [admissions@lit.ie](mailto:admissions@lit.ie)

## FURTHER INFORMATION

**Contact:** Dr. Michael Geary, Programme Leader

**Tel:** 061 293423

**Email:** [michael.geary@lit.ie](mailto:michael.geary@lit.ie)

**Web:** [www.lit.ie/Courses/A8261](http://www.lit.ie/Courses/A8261)

**f** [AppliedScienceLIT](https://www.facebook.com/AppliedScienceLIT)

## WHAT IS THE PROGRAMME ABOUT?

This programme produces highly qualified Chemists, Analysts and Laboratory Technicians in the key area of Chemical Instrumentation and Analytical Methods.

Graduates will be specialists in the use of modern instrumental techniques to carry out chemical, pharmaceutical, drug, food, and environmental analysis. It also builds and improves on the students' knowledge of Laboratory Quality Assurance, Regulatory Affairs and Laboratory Management.

## WHO IS THE PROGRAMME SUITED TO?

Candidates who obtain a pass grade B.Sc. (Level 7) in Chemical Instrumentation/ Analytical Methods or similar programme may progress to the BSc. (Honours) Chemical Instrumentation & Analysis.

## MODULES

**Semester 1:** Chemical & Instrumental Analysis, GMP & Chromatographic Methods, Spectroscopic & Complementary Methods I, Data Analytics.

**Semester 2:** Chromatographic Methods & Validation, Spectroscopic & Complementary Methods II, Special Topics, Quality Management, Research Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates are equipped with the skills and competence to gain employment in pharmaceutical, bio-pharmaceutical, chemical, food or biotechnology industries, local authorities, and other regulatory bodies.

Graduates of the programme work as Analytical Scientists, Production Specialists, Quality Assurance Specialists, in Regulatory Affairs and at managerial level in both international and domestic companies. Examples of such international multinational companies include Vision care, Regeneron, Pfizer, Edwards, MSD, Baxter, Allergan, GlaxoSmithKline, Novartis, Johnson & Johnson.

This Level 8 programme is recognised both nationally and internationally and many past graduates have continued their studies to Masters and PhD awards within LIT and beyond. Graduates are eligible to apply for the Masters in Education (formerly H.Dip.) and pursue a career in Science/ Chemistry teaching in second level schools.

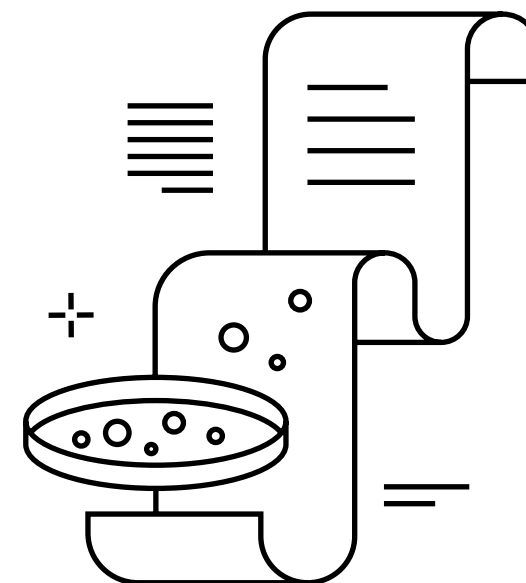
**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 year programme following on from Level 7 Degree

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick



# Drug & Medicinal Product Analysis.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Marie Walsh,

Programme Leader

**Tel:** 061 293338

**Email:** marie.walsh@lit.ie

**Web:** www.lit.ie/Courses/LC266

f AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

This programme was developed with input from people working in the relevant industries. We aim to produce graduates who understand how medicines and healthcare products, including pharmaceuticals and biopharmaceuticals, are manufactured and checked to make sure they are safe, effective, and high quality. Students who graduate from the programme are ready to work in one of Ireland's most valuable industries.

This Honours Degree allows students to develop the analytical laboratory skills necessary to work in the highly regulated industries that manufacture medicines, medical devices, and healthcare products. It also offers students the chance to study quality control and management in those industries.

The programme takes a detailed look at every aspect of manufacture in Ireland's most successful sector and develops the students' skills in the areas most required to obtain good, well-paid jobs in the industry. There is a six-month work placement in Year 3 of the programme to provide valuable work experience.

## WHO IS THE PROGRAMME SUITED TO?

Drug and Medicinal Product Analysis is for people who like biology, chemistry, and practical laboratory work and who want to learn about the process of making safe, high quality medicines and healthcare products. Students spend approximately half their time in the lab learning good, hands-on skills that employers value. It is not necessary to have studied all Science subjects at Leaving Certificate. Fundamentals of all Science subjects are studied in Year 1.

## MODULES

**Year 1:** Introduction to Drug and Medicinal Products, Biology, Chemistry, Introductory Physics Concepts, and Mathematics for Scientists.

**Year 2:** Drug and Medicinal Product Technology, Analytical Techniques, Statistical Process Control, Inorganic and Physical Chemistry, Introduction to Molecules in Medicine, and Pharmaceutical Biosciences.

**Year 3: Semester 1:** Drug & Medicinal Products and Good Manufacturing Practices, Biotoxicology, Molecular & Immuno Biology, Instrumental Analysis, Molecules in Medicine, Quality Assurance.

**Semester 2:** Six-month Work Placement/Industrial Practice.

**Year 4: Semester 1:** Advanced Drug and Medicinal Product Analysis, GMP & Chromatographic Methods, Spectroscopic & Complementary Methods I, Data Analytics.

**Semester 2:** Chromatographic Methods & Validation, Spectroscopic & Complementary Methods II, Special Topics, Quality Management, Research Project.

**CAO CODE:** LC266

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(with six month Work Placement in Year 3)

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 262

## WHAT CAN I DO AFTER THE PROGRAMME?

The employment record of graduates of this programme continues to be one of the best in Ireland. Graduates are equipped with the skills and competence to gain employment in pharmaceutical, bio-pharmaceutical, chemical, food or biotechnology industries, local authorities, and other regulatory bodies.

Graduates of the programme work as Analytical Scientists, Quality Assurance Specialists, Regulatory Affairs Specialists and at managerial level in both international and domestic companies. Examples of companies where our graduates are working include Regeneron, Vision Care, Pfizer, Edwards Lifesciences, Boston Scientific, Wyeth MSD, Baxter, Allergan, GlaxoSmithKline, Novartis, Johnson & Johnson, and Abbott.

This Level 8 programme is recognised both nationally and internationally and graduates can continue their studies to Masters and PhD awards within LIT and beyond.

# Environmental Science & Climate.

Bachelor of Science (Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Martin McCormack & Ms Elisha McGrane  
Programme Leaders

**Tel:** 0504 28253

**Email:** martin.mccormack@lit.ie  
elisha.mcgrane@lit.ie

**Web:** www.lit.ie/Courses/LC408

**f** EnvironmentalCourse

## WHAT IS THE PROGRAMME ABOUT?

This programme equips graduates with the practical skills to apply environmental science knowledge in a broad range of sectors across the environmental themes of biodiversity, water and climate action. Graduates gain an understanding of sustainable development as the context for environmental protection work. This programme at LIT Thurles prepares students to help businesses, communities and the public sector respond actively to the challenges we face. Students learn about ecology and conservation of the natural environment as well as how to manage resources like waste and energy in business.

There is lots of practical lab work, field work, field trips and computer skills sessions. Subjects on personal development are also included – valuable skills for the work place. New approaches to balancing the needs of society and the economy with protection of the environment are investigated.

In Year 3, students deepen their scientific understanding of how the earth's natural systems work by examining the topic of water in detail. Students develop skills in Geographic

Information Systems (GIS) mapping and in research. A Professional Development module prepares students for a work placement during the summer of third year.

In Year 4, students examine the complex topics of atmosphere and climate, complementing the work done in previous years on ecology, land and water. Skills in environmental monitoring, computer modelling and organisational management are developed. Positive responses for climate action such as renewable energy and sustainable building are examined. New approaches to achieving long-term sustainability are a key focus.

## WHO IS THE PROGRAMME SUITED TO?

The programme will interest those who wish to commit to obtaining an honours degree-level qualification in environmental management. This level may be required to avail of certain employment or further study opportunities. Relevant school subjects include geography and the sciences, but they are not mandatory. Mature students from various work backgrounds have successfully completed the programme.

## MODULES

**Year 1:** Introduction to Environmental Science, Rural Land Use & the Environment, Introduction to Environmental Management, Professional Skills in Third Level, Introduction to Sustainable Development, Applied Environmental Science, Environmental Maths & Computing.

**Year 2:** Earth Science & Ecology, Environment & Sustainable Development, Conservation & Biogeography, Environmental Management Systems, Teamwork and Training, Field Study Skills, Introduction to Geographic Information Systems and Surveying. *Most weeks in Year 2 involve one day out in the field.*

**CAO CODE:** LC408

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 15-21 hours per week

**LOCATION:** Thurles Campus, Co. Tipperary

**CAO POINTS 2020:** 279

**Year 3: Semester 1:** Water and Wastewater Treatment Systems, Water Resources Management 1, Planning and Environmental Assessment, Geographic Information Systems 1, Professional Development.

**Semester 2:** Water Quality and Analysis, Water Resources Management 2, Planning and Environmental Resources, Research Techniques, Geographic Information Systems 2, Work Placement (12 Weeks).

**Year 4: Semester 1:** Atmospheric Processes and Air Quality, Environmental Monitoring and Modelling 1, Energy in Buildings, Renewable Energy, Economy and Sustainable Development, Organisational Management for Environmental Managers. **Semester 2:** Atmospheric Processes and Climate Change, Environmental Monitoring and Modelling 2, Final Year Project, Society and Sustainable Development, Environment: Project Management Skills.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates are qualified for a wide range of roles including Environmental Officers / Environmental Scientists with businesses, state agencies, the public sector and non-governmental organisations (NGOs), or as Environmental Researchers and Consultants.

# Environmental Science.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Martin McCormack & Ms Elisha McGrane  
Programme Leaders

**Tel:** 0504 28253

**Email:** martin.mccormack@lit.ie  
elisha.mcgrane@lit.ie

**Web:** www.lit.ie/Courses/LC425

**f** EnvironmentalCourse

## WHAT IS THE PROGRAMME ABOUT?

The Bachelor of Science programme consists of the first three years of programme LC408, which has been running in LIT Thurles campus since 2008. In the first two years of this Bachelor's programme, students learn about ecology and conservation of the natural environment as well as how to manage resources like waste and energy in business.

There is lots of practical lab work, field work, field trips and computer skills sessions. Subjects on personal development are also included – valuable skills for the workplace. New approaches to balancing the needs of society and the economy with protection of the environment are investigated.

In Year 3, students deepen their scientific understanding of how the earth's natural systems work by examining the topic of water in detail. Students develop skills in Geographic Information Systems (GIS) mapping and in research. A Professional Development module prepares students for a work placement in the summer of third year. This provides students with a valuable opportunity to gain experience and, with some luck, might turn into an environmental management job!

The involvement of the Thurles and Clonmel campuses of LIT on the An Taisce Green-Campus programme provides valuable active learning opportunities for students.

## WHO IS THE PROGRAMME SUITED TO?

This programme will appeal to those who are passionate about the environment and wish to know more about how we interact with that environment. School subjects such as geography, biology, agricultural science or chemistry are particularly relevant, but are not mandatory. Mature students may already have relevant work experience (e.g. in the built or natural environment). The programme will interest those who wish to commit to obtaining a degree-level qualification in environmental management.

## MODULES

**Year 1:** Introduction to Environmental Science, Rural Land Use & the Environment, Introduction to Environmental Management, Professional Skills in Third Level, Introduction to Sustainable Development, Applied Environmental Science, Environmental Maths & Computing.

**Year 2:** Earth Science & Ecology, Environment & Sustainable Development, Conservation & Biogeography, Environmental Management Systems, Teamwork and Training, Field Study Skills, Introduction to Geographic Information Systems and Surveying. *Most weeks in Year 2 involve one day out in the field.*

**YEAR 3: Semester 1:** Water and Wastewater Treatment Systems, Water Resources Management 1, Planning and Environmental Assessment, Geographic Information Systems 1, Professional Development.

**Semester 2:** Water Quality and Analysis, Water Resources Management 2, Planning and Environmental Resources, Research Techniques, Geographic Information Systems 2, Work Placement (12 Weeks).

**CAO CODE:** LC425

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 21 hours per week

**LOCATION:** Thurles Campus, Co. Tipperary

**CAO POINTS 2020:** 278

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can progress into the fourth year of the BSc (Hons) programme (LC408). This ladder system allows students to obtain an honours degree in four years.

Graduates of the Bachelor programme are qualified for a wide range of roles including Environmental Technicians and Environmental Officers with businesses, state agencies, public sector bodies and non-governmental organisations (NGOs). The inclusion of a work placement is of particular value to graduates seeking employment.

# Forensic & Pharmaceutical Science.

Bachelor of Science (Honours) *Ab initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Liz Moore,  
Programme Leader

**Tel:** 061 293110

**Email:** liz.moore@lit.ie

**Web:** www.lit.ie/Courses/LC265

**f** AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

This programme is the first and most reputable of its kind in Ireland. Students achieve a detailed knowledge and understanding of the sciences underpinning the forensic, pharmaceutical and analytical fields. Students will gain exposure to, and experience in, the methodology and techniques at the forefront of these major scientific areas.

In LIT, we place an emphasis on “hands-on work” (approximately 50% of scheduled course work), endowing our graduates with a highly desirable and much sought-after set of skills and expertise: experience in pharmaceutical and forensic science combined with a range of analytical techniques, which make graduates highly sought after by employers. Since the beginning of this programme, selected student(s) have been employed each year by the State Laboratory for their work placement.

## WHO IS THE PROGRAMME SUITED TO?

The programme is ideal for students with a questioning mind and interested in using Science to solve problems. It will suit any student interested in laboratory Science. This is the most established programme of its kind in Ireland. The six months work placement

at home or abroad gives graduates an edge when seeking employment.

## MODULES

**Year 1:** Forensic & Scientific Practice, Biology, Chemistry, Introductory Physics Concepts, and Mathematics for Scientists.

**Year 2:** Forensics, Biosciences, Introduction to Pharmaceutical Science, Instrumental Analysis, Inorganic & Physical Chemistry, and Statistical Process Control.

**Year 3:** Bio-toxicology, Molecular & Immuno Biology, Forensic Toxicology & Drug Analysis, Quality Assurance, Instrumental Analysis, Pharmaceutical Technology, Six month Work Placement/Research Project (*Semester2*).

**Year 4: Semester 1:** Biopharmaceuticals, Advanced Forensic Techniques I, Advanced Pharmaceutical Technology I, Instrumental Analysis I, Drugs in Sport I, Project.

**Semester 2:** Biomolecular Forensics, Advanced Forensic Techniques II, Advanced Pharmaceutical Technology II, Instrumental Analysis II, Drugs in Sport II, Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

For graduates that wish to proceed immediately to employment, career prospects are diverse - with graduates holding public and private sector jobs in state labs, healthcare, the pharmaceutical industry, analyst labs and more. The employment record of our graduates within Ireland has been excellent and our graduates have also obtained positions in the UK, USA and Australia.

Upon graduation students may progress to a Masters or PhD by research – previous graduates having completed research within LIT, other Irish universities, Oxford University (Ph.D.), University of York (Ph.D.), etc.

**CAO CODE:** LC265

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including six-month Work Placement)

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 413

# Forensic & Pharmaceutical Science.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Liz Moore,  
Programme Leader

**Tel:** 061 293110

**Email:** liz.moore@lit.ie

**Web:** www.lit.ie/Courses/LC267

f AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

This programme is one of the most reputable of its kind in Ireland. LIT aims to produce high quality problem-solving graduates skilled in the measurement principles and techniques employed in Forensic and Pharmaceutical Analysis and students achieve a detailed knowledge and understanding of the sciences underpinning the forensic, pharmaceutical and analytical fields. Students will gain exposure to, and experience in, the methodology and techniques at the heart of these key scientific areas.

In LIT, we place an emphasis on "hands-on work" (approximately 50% of scheduled course work), endowing our graduates with a highly desirable and much sought-after set of skills and expertise: experience in pharmaceutical and forensic science combined with a range of analytical techniques that make graduates highly sought after by employers.

## WHO IS THE PROGRAMME SUITED TO?

This programme is ideal for students with a questioning mind and interested in using Science to solve problems. It will suit any student interested in laboratory Science. It is the most established programme of its kind in Ireland.

## MODULES

**Year 1:** Forensic & Scientific Practice, Biology, Chemistry, Introductory Physics Concepts, and Mathematics for Scientists.

**Year 2:** Forensics, Biosciences, Introduction to Pharmaceutical Science, Instrumental Analysis, Inorganic & Physical Chemistry, and Statistical Process Control.

**Year 3:** Bio-toxicology, Molecular & Immuno Biology, Forensic Toxicology & Drug Analysis, Quality Assurance, Instrumental Analysis, Pharmaceutical Technology, Industrial Practice.

**CAO CODE:** LC267

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 24 hours per week

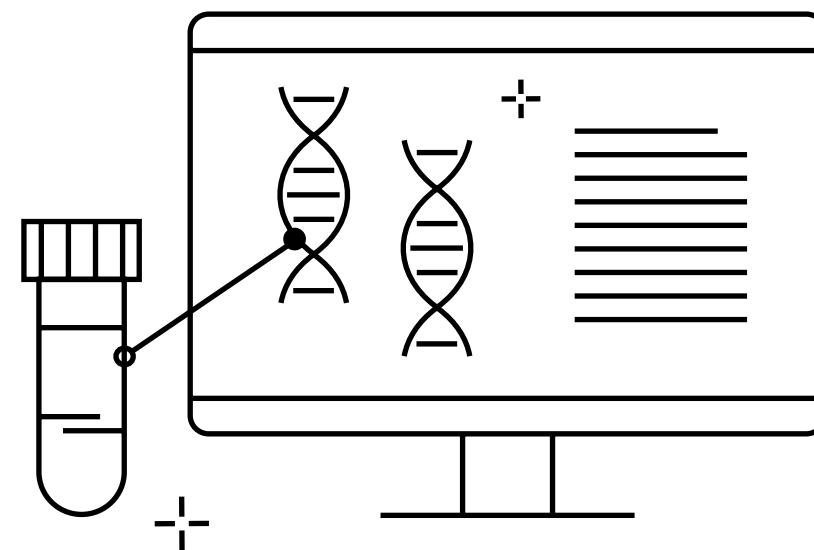
**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 329

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of the programme will have a great mix of skills and knowledge needed for today's employment market and are hugely sought after by employers. Graduates gain employment in a range of sectors including forensic and state laboratories and in pharmaceutical, analytical or biotechnology type industries.

The programme also offers a progression route to the Level 8 Honours Degree in Forensic & Pharmaceutical Science within the Department of Applied Science at LIT.





# Clinical Technology.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Given the technical nature of this programme, it is desirable that the student have a minimum of grade O3 or H6 in Leaving Certificate Mathematics or equivalent.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr Patrick Leydon,  
Programme Leader

**Tel:** 061 293166

**Email:** patrick.leydon@lit.ie

**Web:** www.lit.ie/Courses/LC263

f AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

Clinical/Medical Technology is at the crossroads of science, engineering and technology. The healthcare industry in Ireland and internationally is growing exponentially and the use of sophisticated medical technology and instrumentation has created a demand for specialized, well-trained graduates in the emerging field of Medical Technology.

As a graduate of this programme, your skillset will include the ability to install, operate, test, calibrate, troubleshoot, maintain and manage critical medical equipment as part of a healthcare team. Opportunities also exist in Hospital administration and management. Graduates are also well placed to find employment in the Medical Device Manufacturing industry in the areas of Manufacturing, Servicing, Sales and Marketing, Medical Software Applications and Customer Service.

This programme will allow the student to combine a broad knowledge of science, medical, electrical/electronic principles with the specific knowledge required for the applications of Medical Technology in a variety of healthcare and industry related settings. Students will also be given the opportunity to obtain a parallel award in Basic Life Support.

## WHO IS THE PROGRAMME SUITED TO?

If you are interested in engineering, science and technology and the medical applications of these disciplines, this honours degree could be for you. Typical applicants will be those who have an interest in engineering and science and want a career in helping others. You will benefit from small class sizes, dedicated lecturers, and gain hands-on experience of state-of-the-art medical technologies as they are used in hospital, healthcare and industry settings.

## MODULES

**Year 1: Semester 1:** Mathematical Methods I, Introduction to Developing the Professional Practitioner, Physics for Healthcare, Applied Chemistry, Introduction to Analogue Electronics.

**Semester 2:** Mathematical Methods II, Cell Biology & Biomolecules, Introduction to Digital Electronics, Developing the Professional Practitioner in the Healthcare Environment, Fundamentals of Computing.

**Year 2: Semester 1:** Anatomy & Physiology, Maths for Clinical Technology, Applied Physics, Electrical Safety Principles in Healthcare, ICT in Healthcare.

**Semester 2:** Medical Instrumentation & Electrotechnology, Statistics for Clinical Technology, Infection Control & Sterilisation, Fundamentals of Clinical Technology, Biomechanics & Biomaterials.

**Year 3: All of Semester 1 with additional 5 Weeks in Semester 2:** Operating Department Technology, Information Systems for Healthcare, Clinical Technology, Programming for Biomedical Science, Clinical Asset & Risk Management, Quality Assurance & Validation.

**From Week 6 of Semester 2:** Students will undertake either *Work Placement* or *Clinical Technology Case Projects*.

**CAO CODE:** LC263

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 294

**Year 4: Semester 1:** Standards & Accreditation, Project Design & Management, Decontamination in Healthcare, Rehabilitation & Renal Technology.

**Semester 2:** Cybersecurity in Healthcare, Diagnostic Imaging & Radiotherapy, Final Year Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme content has been carefully developed in conjunction with medical and industrial partners to develop a specific skill set relevant to employment in Medical Technology support roles. The programme offers you excellent employment opportunities and career prospects in key areas within the healthcare industry. Job categories include: Hospital Clinical Engineering & Medical Physics Departments, Healthcare Providers, Medical Device Manufacturing & Servicing, Manufacturer Sales & Marketing, Medical Software Applications Specialist, Customer Service, Regulatory Agencies and Academia & Education. Our graduates have gone on to find employment in hospitals including UHL Clinical Engineering Department, others to work in medical device manufacturing for leading companies such as Johnson & Johnson, and some now work in technical support roles in the third level sector. The postgraduate route has also been taken up by our students. Graduates may also have the opportunity to pursue Masters or Ph.D. programmes in related disciplines in LIT, Ireland or abroad.

# Medical Technology.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Given the technical nature of this programme, it is desirable that the student have a minimum of grade O3 or H6 in Leaving Certificate Mathematics or equivalent.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr Patrick Leydon,  
Programme Leader

**Tel:** 061 293166

**Email:** patrick.leydon@lit.ie

**Web:** www.lit.ie/Courses/LC268

f AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

Medical Technology is at the crossroads of science, engineering and technology. The healthcare industry in Ireland and internationally is growing exponentially and the use of sophisticated medical technology and instrumentation has created a demand for specialized, well-trained graduates in the emerging field of Medical Technology. As a graduate of this programme, your skill set will include the ability to operate, test, calibrate, troubleshoot and maintain critical medical equipment as part of a healthcare team. Graduates are also well placed to find employment in the Medical Device Manufacturing Industry in the areas of Manufacturing, Servicing, Sales and Marketing and Customer Service.

This programme will allow the student to combine a broad knowledge of science, medical, electrical/electronic principles with the specific knowledge required for the applications of Medical Technology in a variety of healthcare and industry related settings. Students will also be given the opportunity to obtain a parallel award in Basic Life Support.

## WHO IS THE PROGRAMME SUITED TO?

If you are interested in engineering, science and technology and the medical applications of these disciplines, this degree could be for you. Typical applicants will be those who have an interest in engineering and science and want a career in helping others.

You will benefit from small class sizes, dedicated lecturers, and gain hands-on experience of state of the art medical technologies as they are used in hospital, healthcare and industry settings.

## MODULES

**Year 1: Semester 1:** Mathematical Methods I, Introduction to Developing the Professional Practitioner, Physics for Healthcare, Applied Chemistry, Introduction to Analogue Electronics.  
**Semester 2:** Mathematical Methods II, Cell Biology & Biomolecules, Introduction to Digital Electronics, Developing the Professional Practitioner in the Healthcare Environment, Fundamentals of Computing.

**Year 2: Semester 1:** Anatomy & Physiology, Maths for Clinical Technology, Applied Physics, Electrical Safety Principles in Healthcare, ICT in Healthcare.

**Semester 2:** Medical Instrumentation & Electrotechnology, Statistics for Clinical Technology, Infection Control & Sterilisation, Fundamentals of Clinical Technology, Biomechanics & Biomaterials.

### Year 3: All of Semester 1 with an additional 5 Weeks in Semester 2:

Operating Department Technology, Information Systems for Healthcare, Clinical Technology, Programming for Biomedical Science, Clinical Asset & Risk Management, Quality Assurance & Validation.

**From Week 6 of Semester 2:** Students will undertake either *Work Placement* or *Clinical Technology Case Projects*.

**CAO CODE:** LC268

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 289

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme content has been carefully developed in conjunction with medical and industrial partners to develop a specific skill set relevant to employment in Medical Technology support roles. The programme offers you excellent employment opportunities and career prospects in key areas within the healthcare sector including Hospitals and other Healthcare providers, in addition to industry roles in medical equipment manufacture, service, sales and distribution.

Students who have successfully completed the BSc in Medical Technology to the requisite standard may continue their studies at Level 8 in the B.Sc. (Hons) in Medical Technology in LIT through a one year add-on honours degree. See BSc Medical Technology Year 4 (LC263) for module details.

# Medical Technology.

Bachelor of Science  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

1. A pass in a relevant Engineering or Science Bachelor Degree (Level 7) with an overall performance of at least 50%.
2. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
3. A pass in a relevant Engineering or Science Degree (Level 7) with one year suitable work experience.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Mr Patrick Leydon,  
Programme Leader

**Tel:** 061 293166

**Email:** patrick.leydon@lit.ie

**Web:** www.lit.ie/Courses/A8268

**f** AppliedScienceLIT

## WHAT IS THE PROGRAMME ABOUT?

Medical Technology is at the crossroads of science, engineering and technology. The healthcare industry in Ireland and internationally is growing exponentially and the use of sophisticated medical technology and instrumentation has created a demand for specialized, well-trained graduates in the emerging field of Medical Technology.

As a graduate of this programme, your skill set will include the ability to install, operate, test, calibrate, troubleshoot, maintain and manage critical medical equipment as part of a healthcare team. Opportunities also exist in Hospital administration and management. Graduates are also well placed to find employment in the Medical Device Manufacturing Industry in the areas of Manufacturing, Servicing, Sales and Marketing, Medical Software Applications and Customer Service.

This programme will allow the student to combine a broad knowledge of science, medical, electrical/electronic principles with the specific knowledge required for the

applications of Medical Technology in a variety of healthcare and industry related settings. Students will also be given the opportunity to obtain a parallel award in Basic Life Support.

## WHO IS THE PROGRAMME SUITED TO?

This is a one year add-on Level 8 programme and is ideally suited to Level 7 graduates of Medical Technology (LC268) and other equivalent Engineering or Science Level 7 programmes.

## MODULES

**Semester 1:** Standards & Accreditation, Project Design & Management, Decontamination in Healthcare, Rehabilitation & Renal Technology.

**Semester 2:** Cybersecurity in Healthcare, Diagnostic Imaging & Radiotherapy, Final Year Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme content has been carefully developed in conjunction with medical and industrial partners to develop a specific skill set relevant to employment in Medical Technology support roles.

The programme offers you excellent employment opportunities and career prospects in key areas within the healthcare industry. Job categories include: Hospital Clinical Engineering & Medical Physics Departments, Healthcare Providers, Medical Device Manufacturing & Servicing, Manufacturer Sales & Marketing, Medical Software Applications Specialist, Customer Service, Regulatory Agencies and Academia and Education.

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**CAO CODE:** Add-on

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**PROGRAMME LEVEL:** 8

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**DURATION:** 1 year programme following on from LC268 Level 7 degree

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**CLASS HOURS:** 24 hours per week

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**LOCATION:** Moylish Campus, Limerick

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Our graduates have gone on to find employment in hospitals including UHL Clinical Engineering Department, others to work in medical device manufacturing for leading companies such as Johnson & Johnson, and some now work in technical support roles in the third level sector. The postgraduate route has also been taken up by our students.

Graduates may also have the opportunity to pursue Masters or Ph.D. programmes in related disciplines in LIT, Ireland or abroad.

# Department of Electrical & Electronic Engineering

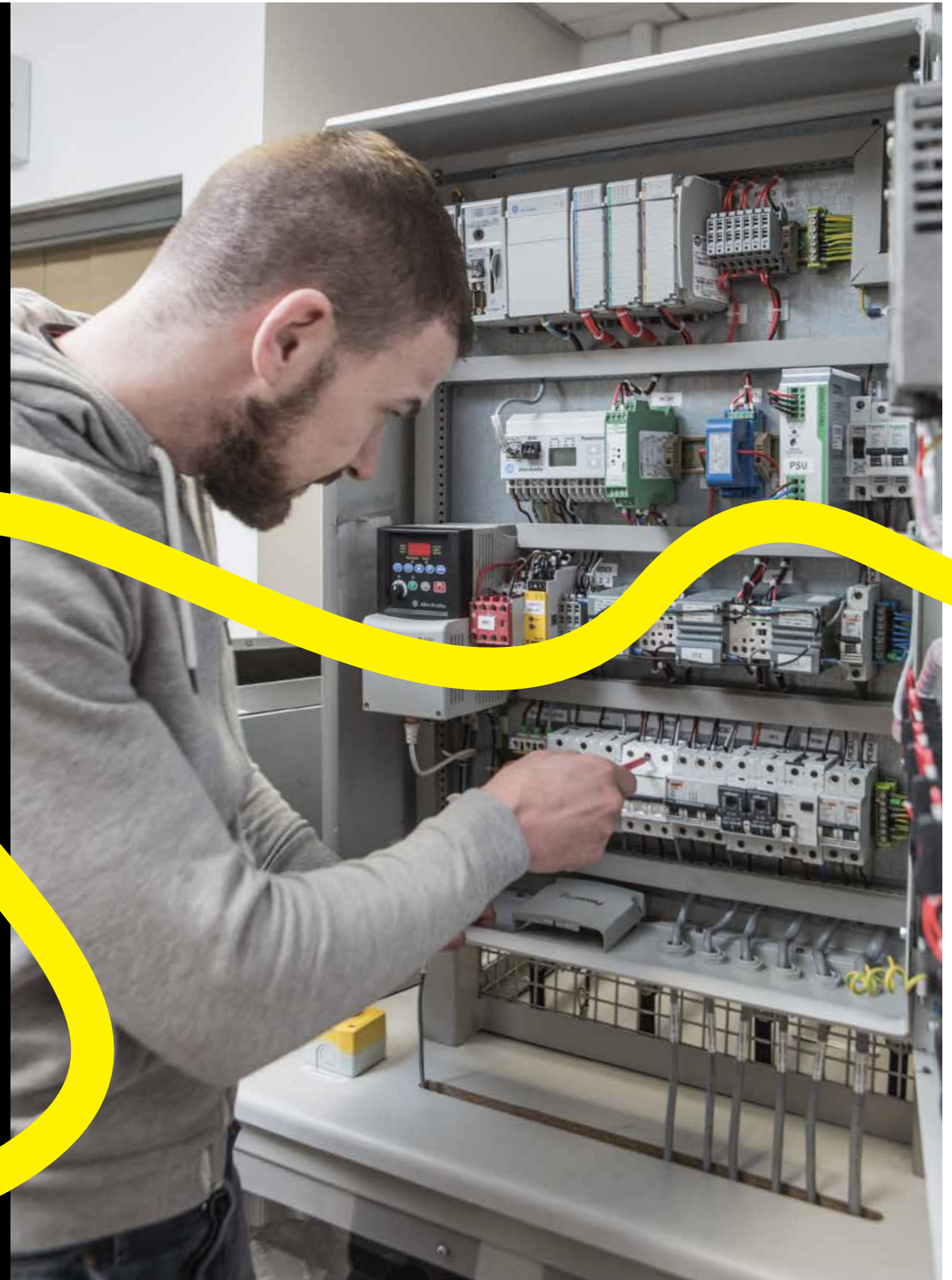
Faculty of Applied Science,  
Engineering and Technology

The Department of Electrical & Electronic Engineering at LIT offers a diverse range of programmes including electrical engineering, renewable energy, automation and electronic engineering with computer systems.

With up-to-date laboratories and electrical workshops, students work on today's best industry standard equipment. A hands-on, practical approach to learning means students have the knowledge but also the skills to meet industry requirements. Students also participate in individual and group projects that are industry relevant.

Give us a call if you would like more information on any of our programmes.

f EngineeringLimerickIT  
t Engineering\_LIT





**Jessica Winters,**  
Industrial Automation  
& Robotics



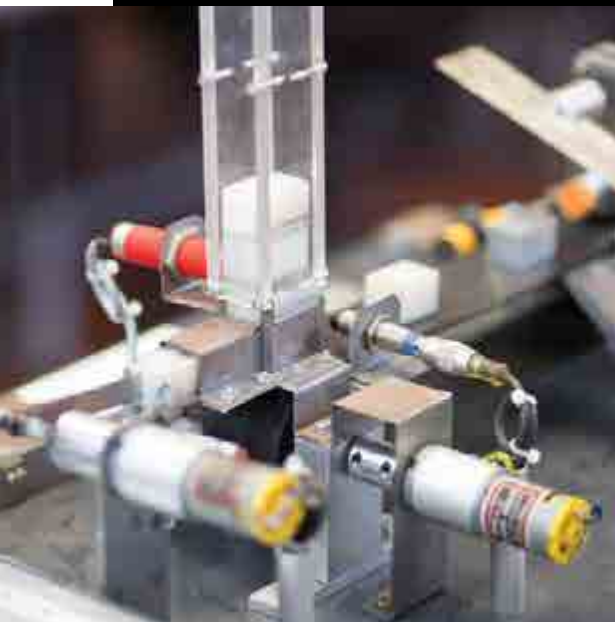
## Student Profile

"I was working for a few years before I came to college. I had decided to get a feel for the industry first. I worked in EI in Shannon where there were plenty of robotics and I could get my hands on machines. It really gave me an idea of what I wanted to do - instead of working the machines I wanted to work on them.

I didn't study anything to do with engineering or even physics or chemistry in school, but it turns out you don't have to have an extensive background in these subjects if you have an interest in the subject. My work experience definitely helped with the interest also.

I have returned to college as a mature student. I did not have the points when I left school, and while I could have done a PLC course to help me get access to the course, I opted to work and then go in as a mature student. It was the right choice for me. I started the Level 7 degree in Industrial Automation and Robotics in September 2019 and I love it.

So I am now finished first year in LIT, and this is probably the best move I have made in my life so far. The network of friends and the atmosphere is great, I am studying what I really enjoy."



---

### Dean, Faculty of Applied Science, Engineering & Technology

Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.), C.Eng,  
FIEI

### Head of Department of Electrical & Electronic Engineering

Dr. Maura Clancy, BA, MA, PhD

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### FURTHER INFORMATION

Department of Electrical  
& Electronic Engineering

Tel: 061 293261

f EngineeringLimerickIT

🐦 Engineering\_LIT

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC275</b>	<b>Electrical Engineering</b> Bachelor of Engineering (Honours) Ab Initio	170
<b>LC376</b>	<b>Electronic Engineering with Computer Systems</b> Bachelor of Engineering (Honours) Ab Initio	174
<b>LC375</b>	<b>Industrial Automation &amp; Robotic Systems</b> Bachelor of Engineering (Honours) Ab Initio	178
<b>LC374</b>	<b>Renewable &amp; Electrical Energy Engineering</b> Bachelor of Engineering (Honours) Ab Initio	182

### LEVEL 7 PROGRAMMES ON CAO

page

<b>LC271</b>	<b>Electrical Engineering</b> Bachelor of Engineering	172
<b>LC279</b>	<b>Electronic Engineering with Computer Systems</b> Bachelor of Engineering	176
<b>LC277</b>	<b>Industrial Automation &amp; Robotic Systems</b> Bachelor of Engineering	180
<b>LC278</b>	<b>Renewable &amp; Electrical Energy Engineering</b> Bachelor of Engineering	184

### APPRENTICE PROGRAMMES

<b>Apprenticeship in Industrial Electrical Engineering</b> Bachelor of Engineering	186
<b>Craft Apprentice Programmes</b> Higher Certificate	188

### POSTGRADUATE PROGRAMMES

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook. For further information, see [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



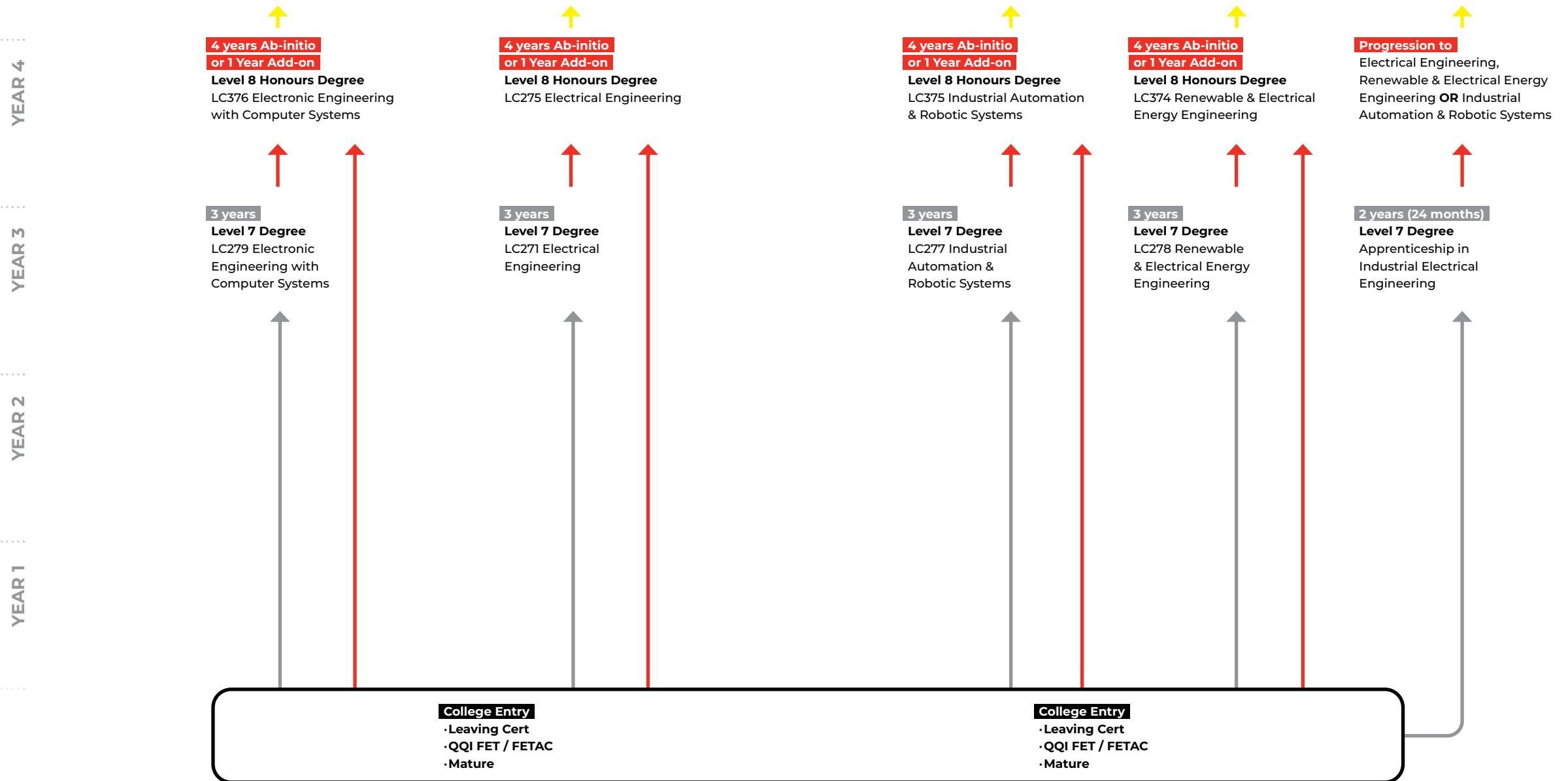
# Progression Opportunities

## Electrical & Electronic Engineering

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**

### Postgraduate Programmes (Level 9 & Level 10)



# Electrical Engineering.

Bachelor of Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish **and** a minimum of a grade O4 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** [electrical-level8@lit.ie](mailto:electrical-level8@lit.ie)

**Web:** [www.lit.ie/Courses/LC275](http://www.lit.ie/Courses/LC275)

**f** [EngineeringLimerickIT](#)

**t** [Engineering\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

Electrical engineering is a diverse and challenging profession concerned with the design, development and control of electrical energy and equipment upon which our technological society so largely depends. Electrical engineers utilize their knowledge of devices and systems design in a multitude of areas. These include generation, transmission, distribution, control and usage of electrical energy in a safe, economic and sustainable way.

LIT's Electrical Engineering degree is a nationally accredited and internationally recognised programme that provides a comprehensive study of electrical principles, practices and applications. This programme will provide graduates with the key skills necessary to perform roles in several industry disciplines, including power systems operation and protection, maintenance and commissioning of control and automation systems. It develops advanced knowledge in the areas of Electrical Power Systems and Power Quality and Advanced Control and Automation Systems.

This programme includes practical and project-based learning in well-equipped

modern laboratories in a broad-based curriculum with strong practical content. It allows students to work in industry with placement on Year 3 of the programme. The programme includes practical and project-based learning in well-equipped modern laboratories and builds the practical aptitude of the learners. It introduces them to key relevant technologies and the knowledge necessary for employment in the electrical and automation sectors. The department maintains close links with local industries and consequently many of our graduates are offered employment even before graduation.

## WHO IS THE PROGRAMME SUITED TO?

This programme is designed for persons requiring advanced knowledge in the areas of Advanced Control and Automation Systems, Energy Management, Electrical Power Systems and Power Quality. It has a broad-based curriculum with strong practical content.

## MODULES

**Year 1:** Electrical Technology 1, Electrical Installation 1, Electrical Theory for Installation Electronics 1, Engineering Mathematics 1, Introduction to Energy Systems, Engineering Science, Project 1.

**Year 2:** Electrical Principles 2, Electrical Installation 2, Electrical and Instrumentation Drawing (CAD), Equipment Control Systems, Cisco IP Networking & Scripting, Engineering Mathematics 2, Project 2.

**Year 3:** *This year is divided into two semesters: Semester 1 is a 20 week semester while Semester 2 is a 10 week work placement.*

**Semester 1:** Electrical Machines & Power Distribution, Electrical Planning, Layout & Testing, Advanced PLCs, HMI & SCADA, Process Instrumentation & Calibration, Mathematics for Electrical Engineers, Industrial Maintenance & Energy Efficiency.

**Semester 2:** Work Placement.

**CAO CODE:** LC275

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 298

**Year 4:** This year is divided into two semesters with electives offered in each semester.

**Semester 1:** Electrical Power Systems 1, Energy Storage & Power Quality, Advanced Plant Automation, CISCO Networking, Statistical Process Control, Energy Management Systems & Conservation (E), Batch, Historian & SQL (E), Final Year Project.

**Semester 2:** Electrical Power Systems 2, Advanced SCADA & Industrial Networks, Applied Statistical Analysis, Power Conversion Systems & Modelling (E), Computer System Validation (E), Final Year Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

Career opportunities exist in the areas of Advanced Control/Automation Systems, Energy Management, Electrical Power Systems, Power Quality and other related fields.



# Electrical Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

Applicants must satisfy a minimum entry requirement of grade O6 in four Leaving Certificate subjects including English or Irish **plus** a minimum grade of O5 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** [electrical@lit.ie](mailto:electrical@lit.ie)

**Web:** [www.lit.ie/Courses/LC271](http://www.lit.ie/Courses/LC271)

**f** [EngineeringLimerickIT](#)

**t** [Engineering\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

This programme is designed to produce graduates with a detailed knowledge of Electrical, Control & Automation Engineering and the skills necessary to identify, formulate, and solve industrial electrical & automation engineering problems. The Electrical Engineer is required to lead fault-finding and trouble-shooting of complex electrical and control equipment and to work with colleagues to achieve project success on-time and within the resources available.

This programme provides a broad foundation in electrical and automation engineering through combined classroom and laboratory work and prepares the student for entering the profession of electrical and automation engineering as well as for further study at graduate level. The curriculum is built around a strong basic core of mathematics, engineering science, controls and electrical engineering topics.

The opportunities also exist for students to work in industry with placement on Year 3 of the programme. This programme includes practical learning in well-equipped modern laboratories building the practical aptitude of the learners and introducing them to

key relevant technologies and knowledge necessary for employment in the electrical and automation sector. The department maintains close links with local industries and consequently many of our graduates are offered employment even before graduation.

Direct entry to Year 2 is possible for suitably qualified Electricians seeking to upgrade their skills and qualifications in order to transfer to jobs in the industrial sector.

## WHO IS THE PROGRAMME SUITED TO?

Have you an interest in how things work? Do you like engineering, taking things apart, putting them back together again? If you have an enquiring mind and a practical aptitude and would like to work with electrical systems in industry then this programme is for you.

## MODULES

**Year 1:** Electrical Technology 1, Electrical Installation 1, Electrical Theory for Installation, Electronics 1, Engineering Mathematics 1, Introduction to Energy Systems, Engineering Science, Project 1.

**Year 2:** Electrical Principles 2, Electrical Installation 2, Electrical and Instrumentation Drawing (CAD), Equipment Control Systems, Cisco IP Networking & Scripting, Engineering Mathematics 2, Project 2.

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Electrical Machines & Power Distribution, Electrical Planning, Layout & Testing, Advanced PLCs, HMI & SCADA, Process Instrumentation & Calibration, Mathematics for Electrical Engineers, Industrial Maintenance & Energy Efficiency.

**Semester 2:** Work Placement.

**CAO CODE:** LC271

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

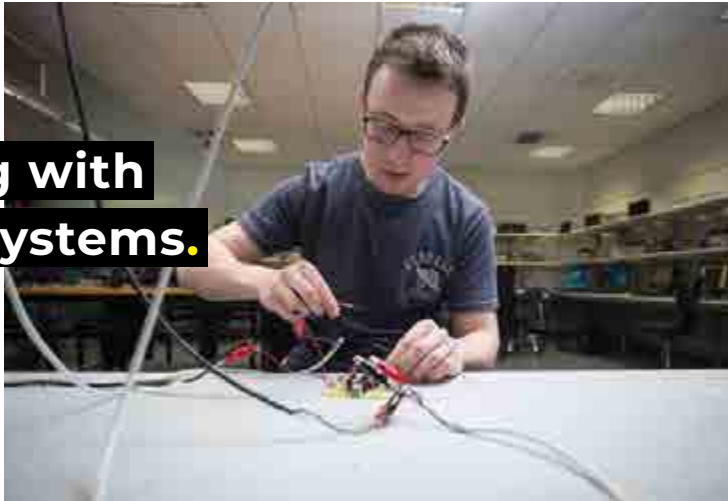
**CAO POINTS 2020:** 261

## WHAT CAN I DO AFTER THE PROGRAMME?

After completing the three years of this programme, you can immediately enter the workforce and start to build your career from there. Graduates will have acquired both the knowledge and the competence to work in: generation, distribution and control of electrical energy, providing automation solutions, validation and commissioning at regulated sites. Alternatively, you can continue to complete a Level 8 Honours degree in Electrical Engineering and continue to Masters and PhD studies, either in LIT or other institutes and universities.

# Electronic Engineering with Computer Systems.

Bachelor of Engineering (Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish **plus** a minimum of a grade O4 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** [electronics@lit.ie](mailto:electronics@lit.ie)

**Web:** [www.lit.ie/Courses/LC376](http://www.lit.ie/Courses/LC376)

**f** [EngineeringLimerickIT](#)

**t** [Engineering\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

The modern day 'smart economy' is powered by equally smart electronic circuits and systems. The Bachelor of Engineering (Honours) in Electronic Engineering with Computer Systems is a four-year engineering programme that provides graduates with a range of practical skills and competences in the areas of hardware development and validation, product software development, embedded systems and digital communications – all highly relevant skillsets for the innovative Electronic Engineer.

The programme starts off with basic analogue and digital circuits and programming and progresses towards the development of modern day intelligent circuits and systems. It includes practical and project-based learning and professional development in well-equipped modern laboratories. The hands-on nature of this programme means that you learn more than just the theory, you learn the skills that will put you a step ahead of the competition upon graduation. The wide scope of this programme gives you many possible career paths and allows you to develop your strengths for future employment.

Direct entry onto year 4 is possible for learners with appropriate existing level 7 qualifications.

## WHO IS THE PROGRAMME SUITED TO?

If you are interested in having advanced knowledge in the areas of electronic design, quality control and systems engineering in electronics, telecommunications and embedded systems, this programme is for you.

## MODULES

**Year 1:** Engineering Mathematics 1, Engineering Science, Electrical Technology 1, Analogue Electronics 1, Project 1, Digital Electronics, C-Programming 1.

**Year 2:** Engineering Mathematics 2, Telecommunications & Networking Principles, Electronic CAD Build & Simulation, Analogue Electronics 2, Project 2, Digital Design & Microcontrollers, C-Programming 2.

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Analogue Electronics 3, Engineering Mathematics 3, Microcontroller and Peripheral Interfacing, Digital Communications, Advanced Networking and Internet Technology, Object Oriented Programming, Data Acquisition and PC Interfacing.

**Semester 2:** Work Placement.

**Year 4:** *This year is divided into two semesters with electives offered in each semester.*

**Semester 1:** Statistical Process Control, Embedded Systems, HDL & Digital Design, Electronic Systems Design, Advanced Digital Communications (E), Application Development 1 (E), Final Year Project.

**Semester 2:** Applied Statistical Analysis, Real Time Embedded Systems, Advanced HDL, Electronic Systems Analysis, Advanced Digital Communications & Networking (E), Application Development 2 (E), Final Year Project.

**CAO CODE:** LC376

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 318

*(E) = You must choose one Elective module from Semester 1 & 2 in Year 4.*

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in the areas of: Embedded Systems Design, Digital Systems Design, Electronic System Validation, Digital Communications Systems. Typical employers include Analog Devices, ON Semiconductor, Intel, Optel Vision and EMC. Alternatively, you can continue to Masters and PhD studies, either in LIT or other institutes and universities.

# Electronic Engineering with Computer Systems.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

Applicants must satisfy a minimum entry requirement of grade O6 in four Leaving Certificate subjects including English or Irish **plus** a minimum grade of O5 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** [electronics@lit.ie](mailto:electronics@lit.ie)

**Web:** [www.lit.ie/Courses/LC279](http://www.lit.ie/Courses/LC279)

**f** [EngineeringLimerickIT](#)

**t** [Engineering\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

This programme is ideal if you want to build an Electronic Engineering career in Design, Manufacturing, Servicing, Marketing or Consultancy. As a graduate, you will have both practical and academic expertise in the area of electronic engineering, telecommunications and in computer and networking systems.

The programme includes practical and project-based learning in well-equipped modern laboratories. The department maintains close links with local industries and consequently many of our graduates are offered employment even before graduation.

The hands-on nature of this programme means that you learn more than just the theory, you learn the skills that will put you a step ahead of the competition upon graduation. The wide scope of this programme gives you many possible career paths and allows you to develop your strengths for future employment.

## WHO IS THE PROGRAMME SUITED TO?

This programme is ideal if you want to build an Electronic Engineering career in Design, Manufacturing, Servicing, Marketing or Consultancy.

## MODULES

**Year 1:** Analogue Electronics 1, Digital Electronics 1, Electrical Technology 1, Engineering Science, Engineering Mathematics 1, C Programming 1, and Project 1 (*This is a small group project*).

**Year 2:** Analogue Electronics 2, Engineering Mathematics 2, Telecommunications & Networking Principles, Digital Design and Microcontrollers, C Programming 2, Project 2 and CAD (Computer Aided Design) Build and Simulation.

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Analogue Electronics 3, Engineering Mathematics 3, Microcontroller and Peripheral Interfacing, Digital Communications, Advanced Networking and Internet Technology, Object Oriented Programming, Data Acquisition and PC Interfacing.

**Semester 2:** Work Placement.

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in the areas of: Electronic Design Engineer, Embedded Design Engineer, Test/Maintenance Engineer/Technician, Sales/Marketing.

Alternatively, you can continue to complete a Level 8 Honours degree in Electronic Engineering with Computer Systems and continue to Masters and PhD studies, either in LIT or other institutes and universities.

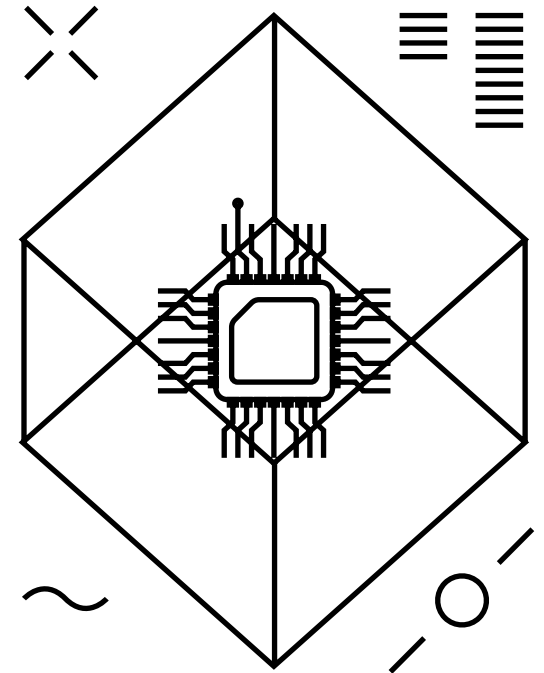
**CAO CODE:** LC279

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 214



# Industrial Automation & Robotic Systems.

Bachelor of  
Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish **plus** a minimum of an O4 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** automation@lit.ie

**Web:** www.lit.ie/Courses/LC375

**f** EngineeringLimerickIT

**t** Engineering\_LIT

## WHAT IS THE PROGRAMME ABOUT?

This is a multidisciplinary four-year engineering programme. It has an excellent graduate employment rate and provides graduates with a range of practical skills and competences in areas such as: Electro-Mechanical, Electronics, PLCs, SCADA, Control and Instrumentation, Industrial Networks, Data Modelling, Motion Control, Robotics and Software Engineering.

Manufacturing in Ireland is highly automated and there is a move towards Industry 4.0, the smart factory, which is advancing manufacturing operations in Ireland. Modern automated production lines will involve data exchange, cyber-physical systems, the Internet of Things and cloud computing. It is this advancement that requires a programme such as Industrial Automation & Robotic Systems to develop and ensure that technicians and engineers leave the programme with skills and competences that allow them to design, commission, debug and repair intelligent machines, including industrial robots and flexible manufacturing systems.

Direct entry onto Year 4 is possible for learners with appropriate existing Level 7 qualifications.

## WHO IS THE PROGRAMME SUITED TO?

Automation and robotics is a fascinating area of study. If you are interested in how things work, have a logical mind, have an appreciation of the power of automation, and of how much it is going to impact our lives in the future, then you will enjoy and be successful in this area.

## MODULES

**Year 1:** Engineering Mathematics 1, Engineering Science, Electrical Technology 1, Industrial Electronics 1, Project 1, Electrical Workshop 1, Programming 1, Mechanical Maintenance Principles.

**Year 2:** Engineering Mathematics 2, Electrical Technology 2, Electrical Workshop 2, Industrial Electronics 2 and C Programming, Instrumentation & Process Control, Pneumatics and PLC's, Project 2, Electrical, Mechanical and Instrumentation Drawing (CAD).

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Engineering Mathematics 3, Manufacturing Automation, IP Networks, Applied C Programming, Robotics and Motion Control, Advanced PLCs, HMI and SCADA.

**Semester 2:** Work Placement.

**Year 4:** *This year is divided into two semesters with electives offered in each semester.*

**Semester 1:** Statistical Process Control, Manufacturing Quality Systems (E), Data Acquisition (E), Final Year Project, Control Engineering 1, Advanced Automation Design, Robotics & Vision Inspection.

**Semester 2:** Applied Statistical Analysis, Data Modelling and SQL, Final Year Project, Computer System Validation (E), Cisco Networking (E), Control Engineering 2, Advanced SCADA & Industrial Networks.

**CAO CODE:** LC375

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

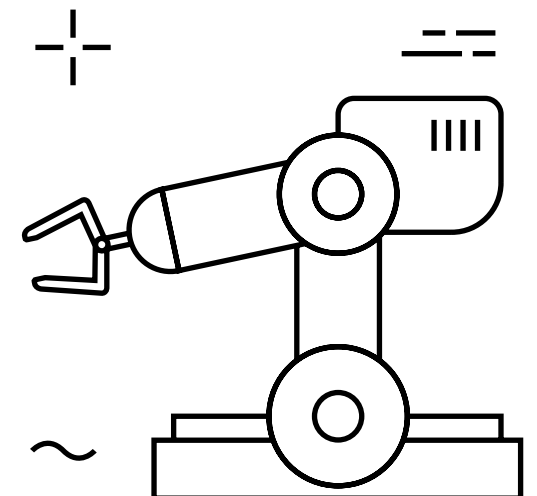
**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 317

*(E) = you must choose one Elective module from Semester 1 & 2 in Year 4.*

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in the areas of: Automation Engineer, Automation Controls Engineer, Manufacturing Engineer, Equipment Engineer, System Integrator, PLC and SCADA Programmer, Field Service Engineer.



# Industrial Automation & Robotic Systems.

Bachelor of  
Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum entry requirement of Grade O6 in four Leaving Certificate subjects including English or Irish **plus** a minimum grade of O5 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** automation@lit.ie

**Web:** www.lit.ie/Courses/LC277

**f** EngineeringLimerickIT

**t** Engineering\_LIT

## WHAT IS THE PROGRAMME ABOUT?

The Bachelor of Engineering in Industrial Automation & Robotic Systems is a multidisciplinary three-year engineering programme. The main areas of engineering covered on the programme include: Electrical, Electronics, Advanced PLCs and SCADA, Programming, Process Control and Instrumentation, CAD, Industrial Networks, Motion Control and Robotics Systems and Work Placement.

Manufacturing in Ireland is highly automated and there is a move towards Industry 4.0, the smart factory, which is advancing manufacturing operations in Ireland. Modern automated production lines will involve data exchange, cyber-physical systems, the Internet of Things and cloud computing. It is this advancement that requires a programme such as Industrial Automation & Robotic Systems to develop and ensure that technicians and engineers leave the programme with skills and competences that allow them to design, commission, debug and repair intelligent machines, including industrial robots and flexible manufacturing systems. With that, it is essential that the skills are transferrable across a range of sectors such

as biomedical, automotive, food processing and electronic manufacturing sectors.

As a graduate, you will have skills that will allow you to work with highly automated and robotic manufacturing systems. You will learn the skills allowing you to work safely and competently with electrical/electronic control systems and electro-mechanical systems.

Direct entry to Year 2 is possible for suitably qualified Phase 6 Electricians.

## WHO IS THE PROGRAMME SUITED TO?

Automation and robotics is a fascinating area of study. If you are interested in how things work, have a logical mind, have an appreciation of the power of automation, and of how much it is going to impact our lives in the future, then you will enjoy and be successful in this area.

## MODULES

**Year 1:** Engineering Mathematics 1, Engineering Science, Electrical Technology 1, Industrial Electronics 1, Project 1, Electrical Workshop 1, Programming 1, Mechanical Maintenance Principles.

**Year 2:** Engineering Mathematics 2, Electrical Technology 2, Electrical Workshop 2, Industrial Electronics 2 and C Programming, Instrumentation & Process Control, Pneumatics and PLC's, Project 2, Electrical, Mechanical and Instrumentation Drawing (CAD).

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Engineering Mathematics 3, Manufacturing Automation, IP Networks, Applied C Programming, Robotics and Motion Control, Advanced PLCs, HMI and SCADA.

**Semester 2:** Work Placement.

**CAO CODE:** LC277

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 232

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in the areas of: Automation Engineer, Process Control Engineer, Equipment Maintenance Technician, PLC and SCADA Programmer, Field Service Technician, Manufacturing/Industrial Maintenance Technician. Alternatively, you can continue to complete a Level 8 Honours degree in Industrial Automation & Robotic Systems and continue to Masters and PhD studies, either in LIT or other institutes and universities.

# Renewable & Electrical Energy Engineering.

Bachelor of Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish **plus** a minimum of a grade O4 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** renewables@lit.ie

**Web:** www.lit.ie/Courses/LC374

**f** EngineeringLimerickIT

**t** Engineering\_LIT

## WHAT IS THE PROGRAMME ABOUT?

Energy and especially Electrical Energy is needed for everything we do in today's world. Climate change is real and caused by burning fossil fuels. While energy prices are low at the moment they won't stay low in the long term. So, we need new ways to produce energy and we need to make smarter use of the energy we have. The EU and Ireland have set very ambitious targets for renewable energy and energy efficiency. The outcome of the COP21 Climate Change Agreement in Paris may lead to more aggressive energy targets. Meeting these targets will need huge investment in energy production, distribution, monitoring and control systems. This will create jobs for people with the right skills.

This programme covers all the technologies needed to produce energy and in particular electrical energy from renewable sources, to monitor and control energy systems and to connect them to the electricity grid. It is a mixture of theory and practical hands-on learning in all aspects of Renewable Energy Technology, electrical technology and automated monitoring and control systems. The skills learned on the programme can be used in a wide range of industries and good graduates are in high demand.

## WHO IS THE PROGRAMME SUITED TO?

Anyone interested in a career in the expanding renewable energy, energy efficiency, electrical or control systems sectors. The programme covers a broad range of technologies which can be applied in many different sectors and past graduates now work in a wide variety of industries. It is not necessary to have studied Engineering for the Leaving Cert, all the required engineering science and practical skills are covered within the programme.

## MODULES

**Year 1:** Energy Systems, Electronics, Electrical Technology, Electrical Workshop 1, Engineering Science, Mathematics, Project 1.

**Year 2:** Renewable Energy Technology 1, Electrical Technology 2, Electrical Workshop 2, Mathematics, Equipment Control Systems, Thermal Energy Systems, Electrical & Instrumentation Drawing, Project 2.

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week work placement.*

**Semester 1:** Wind Energy and Renewable Integration, Electrical Machines & Power Distribution, Industrial Maintenance and Energy Efficiency, Process Instrumentation & Calibration, Advanced PLCs, HMI & SCADA, Mathematics.

**Semester 2:** Work Placement.

**Year 4:** *This year is divided into two semesters.*

**Semester 1:** Energy Management Systems, Electrical Power Systems 1, Advanced Plant Automation, Energy Storage and Electrical Power Quality, Statistical Process Control, Final Year Project.

**Semester 2:** Power Conversion Systems and Modelling, Electrical Power Systems 2, Advanced SCADA & Industrial Networks, Cisco Networking, Applied Statistical Analysis, Final Year Project.

**CAO CODE:** LC374

**PROGRAMME LEVEL:** 8

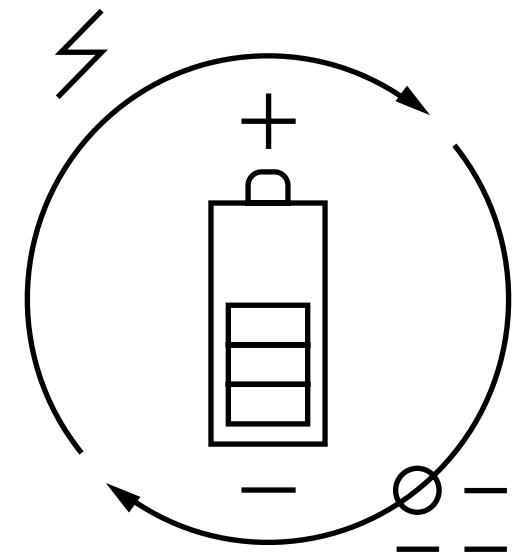
**DURATION:** 4 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 318

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in areas such as: Design, implementation and optimization of Renewable Energy Systems; Energy Management; Electrical Systems Engineering. Typical employers: Eirgrid, ESB, Enercon, Siemens, SL Controls, Rockwell Automation, ResourceKraft Energy Management. Alternatively, you can continue to Masters and PhD studies, either in LIT or other institutes and universities.



# Renewable & Electrical Energy Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of grade O6 in four subjects including English or Irish **plus** a minimum grade of O5 in Ordinary Level Mathematics.

*Non-CAO applicants holding a suitable Craft Certificate or Level 6 Higher Certificate may qualify for advanced entry to Year 2 or 3. Those with a suitable Level 7 qualification may qualify for advanced entry to Year 3 or 4. Applicants should apply directly to LIT for consideration for advanced entry.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Email:** [renewables@lit.ie](mailto:renewables@lit.ie)

**Web:** [www.lit.ie/Courses/LC278](http://www.lit.ie/Courses/LC278)

**f** [EngineeringLimerickIT](#)

**t** [Engineering\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

Energy and especially Electrical Energy is needed for everything we do in today's world. Climate change is real and caused by burning fossil fuels. While energy prices are low at the moment they won't stay low in the long term. So we need new ways to produce energy and we need to make smarter use of the energy we have. The EU and Ireland have set very ambitious targets for renewable energy and energy efficiency. The outcome of the COP21 Climate Change Agreement in Paris may lead to more aggressive energy targets. Meeting these targets will need huge investment in energy production, distribution, monitoring and control systems. This will create jobs for people with the right skills.

This programme covers all the technologies needed to produce energy and in particular electrical energy, from renewable sources, to monitor and control energy systems and to connect them to the electricity grid. It is a mixture of theory and practical hands-on learning in all aspects of Renewable Energy Technology, electrical technology and automated monitoring and control systems. The skills learned on the programme can be used in a wide range of industries and good graduates are in high demand.

## WHO IS THE PROGRAMME SUITED TO?

Anyone interested in a hands-on career in the expanding renewable energy, energy efficiency, electrical or control systems sectors. The programme covers a broad range of technologies which can be applied in many different sectors and past graduates now work in a wide variety of industries. It is not necessary to have studied Engineering for the Leaving Certificate, all the required engineering science and practical skills are covered within the programme.

## MODULES

**Year 1:** Energy Systems, Electronics, Electrical Technology, Electrical Workshop 1, Engineering Science, Mathematics, Project 1.

**Year 2:** Renewable Energy Technology 1, Electrical Technology 2, Electrical Workshop 2, Mathematics, Equipment Control Systems, Thermal Energy Systems, Electrical & Instrumentation Drawing, Project 2.

**Year 3:** *This year is divided into two semesters. Semester 1 is a 20 week semester. Semester 2 is a 10 week placement.*

**Semester 1:** Wind Energy and Renewable Integration, Electrical Machines & Power Distribution, Industrial Maintenance and Energy Efficiency, Process Instrumentation & Calibration, Advanced PLCs, HMI & SCADA, Mathematics.

**Semester 2:** Work Placement.

**CAO CODE:** LC278

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 280

## WHAT CAN I DO AFTER THE PROGRAMME?

Completion of this programme will allow you to have a career in areas such as: Installation and Maintenance of Renewable Energy Systems; Automation and Control of energy and industrial systems; Industrial and Manufacturing Equipment Engineering. Typical employers: Enercon, Kingspan Renewables, Vestas, Vistakon, Intel, Endurance Wind Power, Wind Prospect Operations.

Alternatively, you can continue to complete a Level 8 Honours degree in Renewable & Electrical Energy Engineering or to other level 8 degrees within LIT or in other colleges as this Level 7 degree is accredited by Engineers Ireland and recognised worldwide.

# Apprenticeship in Industrial Electrical Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

Applications to the programme can only be submitted by registered Employers. The programme is primarily designed for qualified electricians who meet the entry criteria below:

1. Holder of the Advanced Certificate (Level 6) in Craft (Electrical).
2. Holder of the Advanced Certificate (Level 6) in Craft (Electrical/Instrumentation) or Craft (Refrigeration).
3. Holder of the LIT Higher Certificate in Electrical Engineering (Level 6), or a cognate Level 6 Electrical Certificate, with relevant industrial electrical experience.
4. Registered Electrician with qualifications (National Craft Certificate/Senior Trades) other than in (a) or (b) above, can apply for access through the LIT recognition of prior learning process.
5. Candidates with other technical/electrical qualifications equivalent to the LIT Level 6 Certificate in Electrical Technology and relevant industrial electrical experience can apply for access through the LIT recognition of prior learning process.

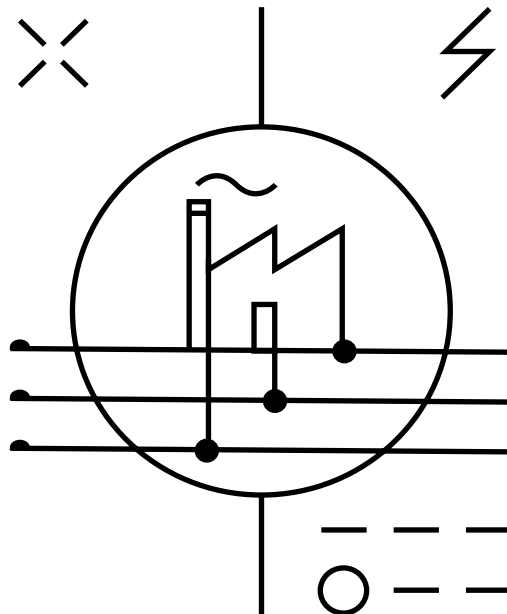
## FURTHER INFORMATION

**Contact:** Mr. John Cosgrove,  
Programme Leader

**Email:** john.cosgrove@lit.ie

**f** EngineeringLimerickIT

**t** Engineering\_LIT



## WHAT IS THE PROGRAMME ABOUT?

This is an employer driven programme, developed in collaboration with the Electrical, Engineering, Automation and Manufacturing sectors. The programme spans 24 months with 70% of the time on the job and two 15-week blocks spent at LIT. Students will remain in paid employment for the 24-month period, allowing them to “earn while you learn”.

## WHO IS THE PROGRAMME SUITED TO?

The Apprenticeship in Industrial Electrical Engineering is specifically designed as a progression programme for qualified Electricians who wish to upskill and move into Engineering roles in industry. The programme is suited to anyone qualified as an electrician holding the Advanced Certificate Craft – Electrical.

## MODULES

### Stage 1: On the Job

- Work Based Learning Portfolio
- Industrial Communications and Personal Development

### Stage 2: Institution Block (15 weeks)

- Industrial Electrical Control Systems
- Electrical and Instrumentation Drawing
- Advanced Electrical Workshop
- Engineering Communications and Collaborative Working
- Engineering Mathematics
- Electrical Planning and Layout
- Electrical Machines

### Stage 3: On the Job

- Work Based Project

### Stage 4: Institution Block (15 weeks)

- Probability and Statistics
- Industrial Maintenance Systems
- Electrical Testing and Fault Finding
- Advanced PLC Systems

## PROGRAMME LEVEL: 7

**DURATION:** 2 Years (24 months)

**LOCATION:** Work based Learning.

*Two 15 week blocks spent in LIT's Moylish Campus, Limerick.*

- Energy Efficiency in Industry
- Electives (select 2):
- Process Instrumentation and Calibration
- HMI and SCADA Systems
- HV and Distributed Electrical Systems

### Stage 5: On the Job

- Project Management
- Industrial Project
- Work Based Learning Portfolio

## EMPLOYER REGISTRATION

Applications for entry to the apprenticeship can only be submitted by an employer who is registered for the Industrial Electrical Engineering Apprenticeship on the SOLAS Apprenticeship Client Services System.

## APPRENTICE APPLICATION

Where the candidate has been approved by their employer they should complete a LIT 'Undergraduate Advanced Entry Application Form' with details of their prior qualifications and industrial experience.



## Craft Apprentice Programmes.

Electrical Trades Programmes



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### AWARDING BODY

Quality and Qualifications Ireland (QQI)

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### FURTHER INFORMATION

**SOLAS Limerick**

**Tel:** 061 487915

**SOLAS Dublin**

**Tel:** 01 6070500

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The Department of Electrical and Electronic Engineering also offers a Level 7 Apprenticeship in Industrial Electrical Engineering for people with an existing Level 6 Electrical Trade. For further details contact [electricalapprenticeship@lit.ie](mailto:electricalapprenticeship@lit.ie)

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### WHAT IS THE PROGRAMME ABOUT?

The Department of Electrical and Electronic Engineering operates eleven-week block release programmes for Registered Apprentices in the Electrical trades. All apprentices attend the Institute for two blocks (called Phase 4 and Phase 6) during their apprenticeship.

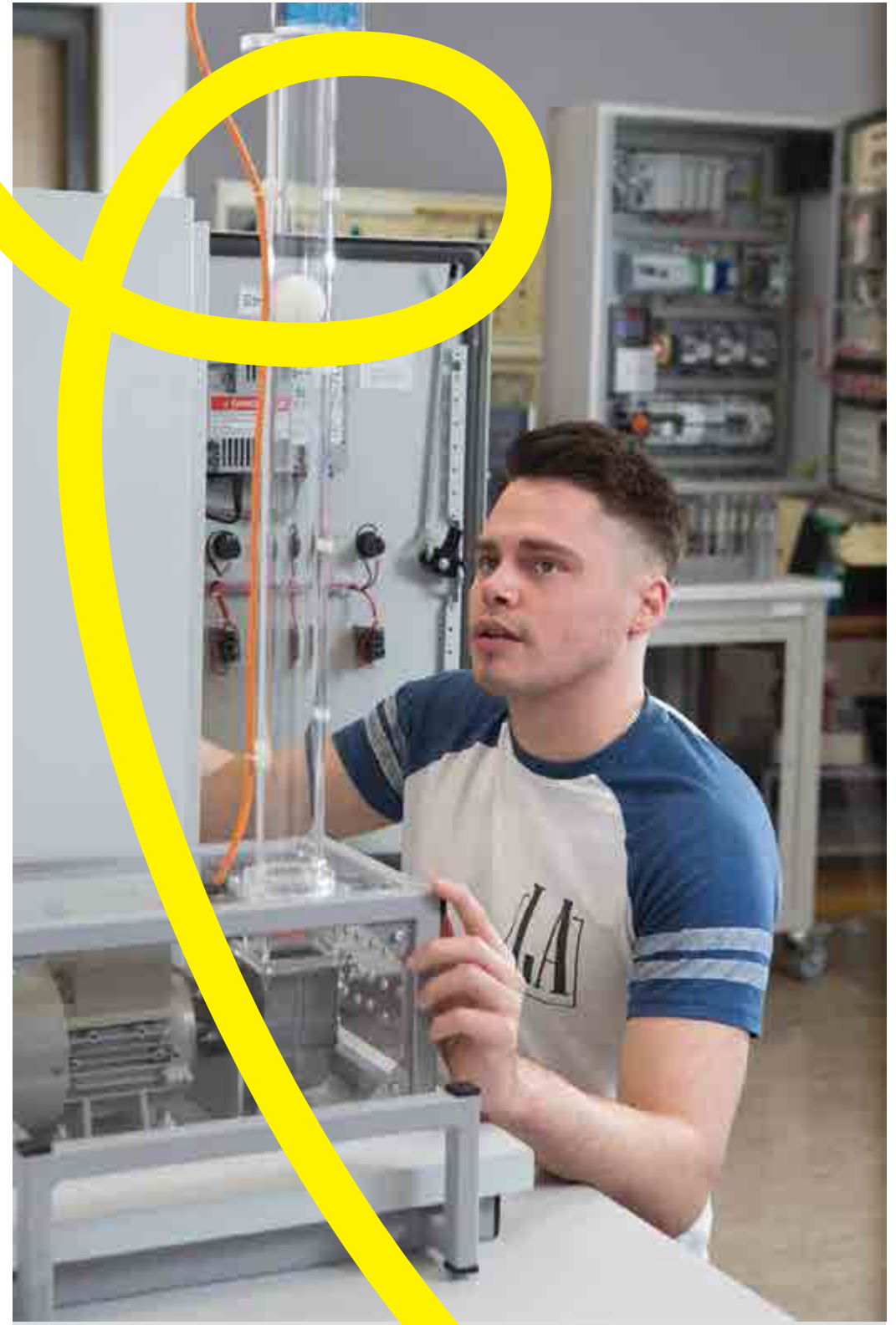
### CORE MODULES

Electrical Science, Electrical Craft Practice, Electrical Installation, Workshop Electronics, Power Distribution, Programmable Logic, Controllers, Control and Alarm Systems.

### DURATION

The duration of Apprenticeship under the new Apprenticeship Scheme is approximately four years and is structured in seven distinct phases. Under this scheme, all apprentices attending Phases 4 and 6 will do so at a designated Institute and will be scheduled for that purpose by SOLAS.

Apprenticeship entry requirements can be obtained by contacting SOLAS with whom all Craft Apprentices must be registered.



# Department of Mechanical & Automobile Engineering

Faculty of Applied Science,  
Engineering and Technology

**The Department of Mechanical and Automobile Engineering has played a key role in education in Limerick City since the 1960s.**

The Department of Mechanical and Automobile Engineering provides programmes for Mechanical Automation and Maintenance Fitting (MAMF) and Motor Mechanics Apprenticeship (SOLÁS Apprenticeship), and Higher Certificate, Degree, Honours Degree and Postgraduate Degrees in Mechanical Engineering, Precision Engineering, Automobile Engineering, Facilities Engineering and Agricultural Engineering.

The Department's mission is to provide the opportunity to inspire and enable both staff and students to develop to their highest potential throughout life, so they grow intellectually, are well-equipped for work and can

achieve fulfilment. The Department of Mechanical and Automobile Engineering also aims to play a major role in shaping a democratic, civilized and inclusive society through the education of the individual and increase knowledge and understanding for their own sake and to foster their application for the benefit of the economy and society. An add-on Bachelor of Science (Honours) degree in Process and Engineering Management has been developed in response to the needs of industry in the areas of Project Management, Applied Process Improvement, Regulatory Affairs and Validation, Supply Chain Management, Operations Management and Quality Systems. Give us a call if you would like to discuss our programmes in further detail.





**Kieran Kelleher,**  
Bachelor of Engineering in  
Precision Engineering  
Zimmer Orthopaedics  
Manufacturing Limited, Shannon



## Graduate Profile

“Studying Precision Engineering in LIT was the perfect choice for me, providing me with the knowledge and skills to integrate seamlessly with local industry. The subjects and topics of this course have been tailor made to allow graduates prepare to join a range of industry sectors.

With the development of both practical and theory elements, working both individually and as part of a team, I can now leverage directly on what I have learned through Precision Engineering in LIT in my role in Medical Device Manufacturing.”



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**Dean, Faculty Applied Science,  
Engineering & Technology**

Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.),  
C.Eng, FIEI

**Head of Department of  
Mechanical & Automobile  
Engineering**

Dr. Philip Ryan, B.Sc, M.Eng, MA  
(Mgnt. in Ed), Ph.D

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**FURTHER INFORMATION**

Department of Department  
of Mechanical & Automobile  
Engineering  
Tel: 061 293845

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC380</b>	<b>Automotive Engineering &amp; Transport Management</b> Bachelor of Engineering (Honours) Ab Initio	204
<b>LC288</b>	<b>Mechanical Engineering</b> Bachelor of Engineering (Honours) Ab Initio	206
<b>LC289</b>	<b>Precision Engineering</b> Bachelor of Engineering (Honours) Ab Initio	212

### LEVEL 6 & LEVEL 7 PROGRAMMES ON CAO

page

<b>LC284</b>	<b>Agricultural Mechanisation</b> Higher Certificate in Engineering	198
<b>LC281</b>	<b>Automobile Technology</b> Higher Certificate in Engineering	202
<b>LC285</b>	<b>Mechanical Engineering</b> Bachelor of Engineering	208
<b>LC283</b>	<b>Precision Engineering</b> Bachelor of Engineering	214
<b>LC286</b>	<b>Road Transport Technology &amp; Management</b> Bachelor of Engineering	216

### ADD-ON PROGRAMMES

<b>ADD-ON</b>	<b>Agricultural Engineering</b> Bachelor of Engineering	200
<b>ADD-ON</b>	<b>Mechanical Engineering (Facilities)</b> Bachelor of Engineering (Honours)	210
<b>ADD-ON</b>	<b>Process &amp; Engineering Management</b> Bachelor of Science (Honours)	218

### SOLAS CRAFT APPRENTICE PROGRAMMES

	<b>Mechanical Automation and Maintenance Fitting (MAMF) Apprenticeship</b>	220
	<b>Motor Mechanics Apprenticeship</b>	220



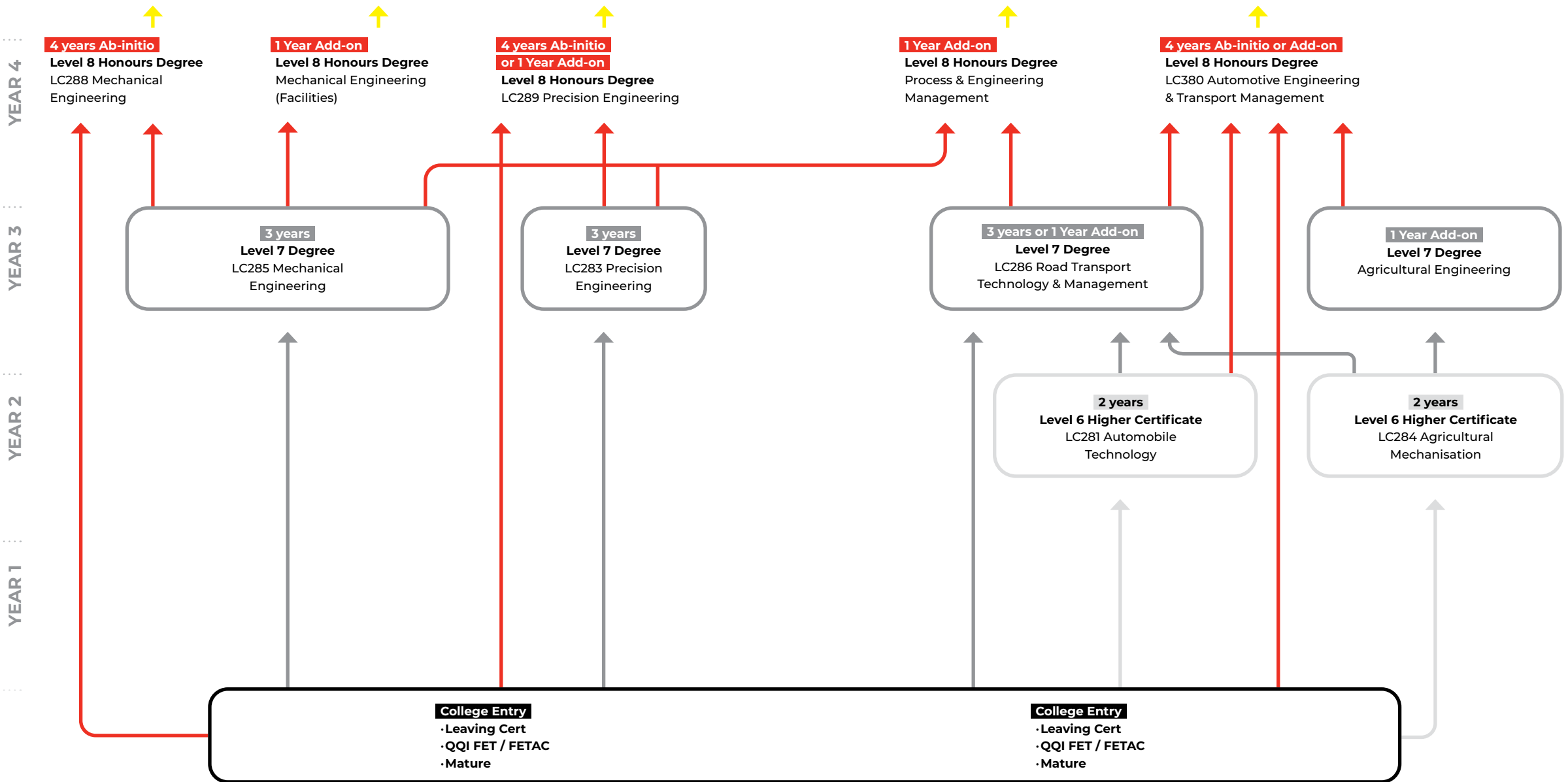
# Progression Opportunities

## Mechanical & Automobile Engineering

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**.

### Postgraduate Programmes (Level 9 & Level 10)



# Agricultural Mechanisation.

Higher Certificate  
in Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Applicants are advised that those with a grade less than O4 in Ordinary level Mathematics may have difficulty coping with the mathematics content of this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### Note

**This award meets the training requirements for stamp duty exemption and DAFM schemes.**

## FURTHER INFORMATION

**Contact:** Mr. Colm Egan,  
Programme Leader

**Tel:** 061 393100

**Email:** colm.egan@pallaskenry.com

**Web:** www.pallaskenry.com,  
www.lit.ie/Courses/LC284

**FTMTA companies:** www.ftmta.ie

## WHAT IS THE PROGRAMME ABOUT?

This programme provides students with education and training to work within the area of Agricultural Technology. The focus of this programme is firmly on the provision of skilled technicians for the farm machinery industry in Ireland.

The subject matter includes tractor engineering and workshop process, machinery operation, electrical and electronic technology, administration and management, engineering science and mathematics, engineering drawing and CAD and computer studies, project and industrial placement together with a high degree of personal and practical skills. Students will be taught a mix of technology, practical, academic, administrative and managerial modules which will prepare them to carry out complex diagnostics and repairs of modern machinery and to be receptive to future technological developments to take advantage of vacancies that will arise within the industry.

The programme has a high practical content with the inclusion of a 30 week work placement in approved training locations such as main garages, contractors and fabricators. Students will also have the opportunity to

complete the work placement abroad with large scale combine or forage crews. The placement will give students the job skills necessary for today's employment market.

This programme is run in conjunction with the Salesian Agricultural College, Pallaskenry, Co. Limerick. In Year 1, 4 days are delivered in Pallaskenry with 1 day attendance on LIT's Moylish Park campus in Limerick. In Year 2, 3 days are delivered in Pallaskenry and 2 days in LIT.

**NOTE:** Salesian Agricultural College, Pallaskenry, Co Limerick (SACP) charge a separate additional fee to students on programme LC284 to cover the cost of Food, Materials (and if availed of Accommodation) at Pallaskenry. For details please contact SACP at 061 393100 or see: [www.pallaskenry.com](http://www.pallaskenry.com)

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to those with an interest in understanding and learning about agricultural machinery. The programme has a good balance of theory and practical and is suited to those people who prefer "hands-on" work and who want to be able to maintain and operate farm machinery.

## MODULES

**Year 1:** Introduction to Tractor Engineering & Workshop Processes, Introduction to Electrical & Electronic Technology, Machinery Operations, Introduction to Agricultural Engineering Science, Computer Applications including CAD, Project.

**Year 2:** Industrial Placement, Intermediate Tractor Engineering, Intermediate Electrical & Electronic Technology, Business Management, Workshop Administration, Computing Agricultural Engineering, Intermediate Agricultural Engineering.

**CAO CODE:** LC284

**PROGRAMME LEVEL:** 6

**DURATION:** 2 years

**CLASS HOURS:** 9 hours of class,  
18 hours of practical per week.

**LOCATION:** Moylish Campus, Limerick  
& Salesian Agricultural College,  
Pallaskenry, Co. Limerick

**CAO POINTS 2020:** 200

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of the programme can progress to a Level 7 Bachelor of Engineering in Agricultural Engineering degree or to a Level 7 Bachelor of Engineering in Road Transport Technology and Management degree at LIT.

Employment opportunities include Machinery Dealerships, Machinery Importers, Machinery Manufacturers, Agricultural Contractors, Heavy Plant Operators, Trades.

# Agricultural Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

1. A pass in the Higher Certificate in Engineering in Agricultural Mechanisation
2. An equivalent qualification to the Higher Certificate in Engineering in Agricultural Mechanisation with appropriate pre-requisite subjects.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Mr. Tadhg Brosnan,  
Programme Leader

**Tel:** 061 393100

**Email:** tadhg.brosnan@pallaskenry.com

**Web:** [www.lit.ie/Courses/A7284](http://www.lit.ie/Courses/A7284)

## WHAT IS THE PROGRAMME ABOUT?

This programme provides students with the understanding and knowledge that is involved in design, manufacture, hydraulics, tractor engineering and electrical technology widely used in the machinery industry.

The programme focuses on the practical aspects of Agricultural Engineering such as modern electrical diagnostics techniques, the workings and repair of modern engines and transmissions. This is backed by subjects in machine design, material selection and hydraulics giving graduates the skills and technical ability to cope effectively with the rapidly changing technologies that are a feature of the farm machinery industry. This programme is taught with a practical and hands-on approach, giving students the required education and training needed for a career in the farm machinery industry.

This programme is run in conjunction with the Salesian Agricultural College, Pallaskenry, Co. Limerick. The delivery of the programme is split evenly between the two campuses..

## WHO IS THE PROGRAMME SUITED TO?

This programme is largely directed at students with an interest in Agricultural Engineering who want to build on previous knowledge and advance their skills and knowledge in the farm machinery industry.

## MODULES

**Semester 1:** Material Selection, Applied Mechanical Engineering Mathematics 1, Fluid Dynamics, Group Project, Control and Diagnostics on Agricultural Tractor and Machines 1, Agricultural Tractor Systems and Technology 1.

**Semester 2:** Mechanics & Failure Analysis, Applied Mechanical Engineering Mathematics 2, Hydraulics, Individual Project, Control and Diagnostics on Agricultural Tractor and Machines 2, Agricultural Tractor Systems and Technology 2.

## WHAT CAN I DO AFTER THE PROGRAMME?

Successful graduates may continue on to suitable Level 8 Bachelor of Engineering/ Science honours degree programmes in LIT such as Mechanical Engineering.

Potential employment opportunities for graduates include: Technical/Engineering Drafting, Field Technician, Service and Diagnostic Technicians, Agricultural Engineering Manufacturing, Agricultural Engineering System Maintenance and Management, Agricultural Engineering Sales, Service etc.

**CAO CODE:** Add-on

**NEW PROGRAMME**

**PROGRAMME LEVEL:** 7

**DURATION:** 1 year add-on programme following on from LC284 Level 6 Higher Certificate

**CLASS HOURS:** 22 hours per week

**LOCATION:** Moylish Campus, Limerick & Salesian Agricultural College, Pallaskenry, Co. Limerick

## Automobile Technology.

Higher Certificate  
in Engineering



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

Candidates who hold a Senior Trade Certificate and/or National Craft Certificate with appropriate endorsements or examination attainments in a cognate area will also be considered for entry, subject to a satisfactory interview. Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of these programmes. Candidates applying as mature applicants will be required to attend an interview and may be requested to take an aptitude test to prove their suitability for a place on this programme.

### FURTHER INFORMATION

**Contact:** Mr. Niall O'Shaughnessy,  
Programme Leader

**Tel:** 061 293331

**Email:** niall.oshaughnessy@lit.ie

**Web:** www.lit.ie/Courses/LC281

### WHAT IS THE PROGRAMME ABOUT?

This programme offers students a combination of technological, business and management skills specifically related to the automotive/transport industry.

Graduates of this programme will have the concepts and ideas that will allow them to develop the necessary competency to become technicians and managers in today's automotive and transport industry. Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead.

### WHO IS THE PROGRAMME SUITED TO?

This programme is ideal for people who have an interest in cars and other motorised vehicles. You will study how they work, from the complexity of modern engines to the electrical, braking, steering and all the other ancillary systems of a vehicle. This is a programme involving a good amount of 'hands-on' work with plenty of garage workshop exercises, experiments and fault diagnosis.

### MODULES

**Year 1:** Automobile Engineering & Vehicle Technology 1, Mechanical Engineering Science, Introduction to Mechanical Engineering Maths, Automobile Electrics & Electronics 1, Engineering Computing, Motor Vehicle Retail Management 1, Computer Aided Drawing.

**Year 2:** Automobile Engineering & Vehicle Technology 2, Automobile Electrics & Electronics 2, Vehicle Science, Computing Automotive, Motor Vehicle Retail Management 2, Automotive Engineering Mathematics.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of this programme can progress to a Level 7 Bachelor of Engineering in Road Transport Technology & Management at LIT. Graduates can also progress to the Level 8 Bachelor of Engineering (Honours) degree in Automotive Engineering and Transport Management at LIT.

With a mix of skills offered on this programme, students have more versatility in the jobs available after graduation. Job opportunities for graduates include: Automobile Service Technician, Service Manager, Parts Manager, Warranty Manager, Auto Electrics Technician, Technical Salesman, Technical Sales Rep, and Motor Vehicle Technician.

Graduates can apply for membership to the Institute of Road Transport Engineering and the Institute of the Motor Industry (UK) where they will be awarded 'Certified Automotive Engineer' status (CAE).

**CAO CODE:** LC281

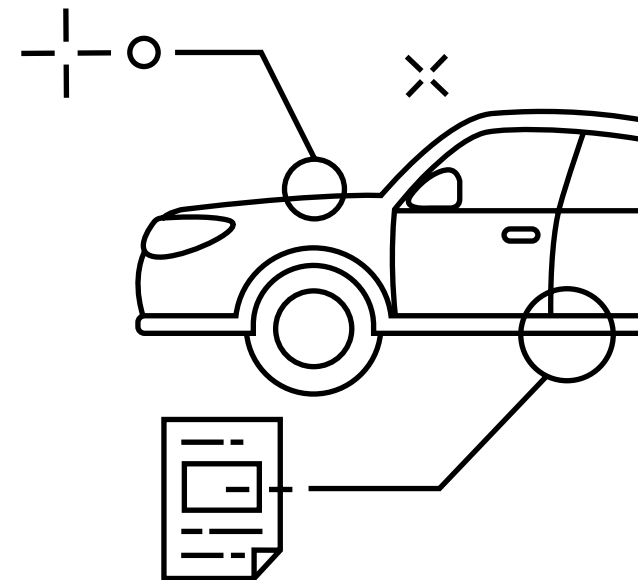
**PROGRAMME LEVEL:** 6

**DURATION:** 2 years

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 208





# Automotive Engineering & Transport Management.

Bachelor of  
Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

Candidates who hold a Senior Trade Certificate and/or National Craft Certificate in the Motor Trade area will be considered for admission to Year 3 of the programme. Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of the programme.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Shane McAuliffe,  
Programme Leader

**Email:** shane.mcauliffe@lit.ie

**Web:** www.lit.ie/Courses/LC380

## WHAT IS THE PROGRAMME ABOUT?

This programme is a mix of engineering, technological and management skills specifically related to the automotive engineering and transport management sectors.

Students will be exposed to concepts and ideas that will allow them to develop the necessary competencies to launch a career in the automotive engineering and the Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sector.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to people interested in pursuing a career in automotive engineering and the Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sectors.

## MODULES

**Year 1:** Automobile Engineering & Vehicle Technology 1, Mechanical Engineering Science, Introduction to Mechanical Engineering Maths, Automobile Electrics & Electronics 1, Engineering Computing, Motor Vehicle Retail Management 1, Computer Aided Drawing.

**Year 2:** Automobile Engineering & Vehicle Technology 2, Automobile Electrics & Electronics 2, Vehicle Science, Computing Automotive, Motor Retail Management 2, Automobile Engineering Mathematics.

**Year 3:** Heavy Vehicle Technology, Global Logistics Management, Road Transport & Fleet Operations, Transport Engineering Management, Management Science, Work Based Project.

**Year 4:** Automotive Materials, Process Statistics, Transport Engineering Management, Advanced Heavy Vehicle Technology, Intermodal Transport Systems, Kaizen Problem Solving, Research Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead. This programme allows students to gain the necessary skills to become managers in today's Freight Transport, Distribution and Logistics (FTDL) and Passenger Transport sectors.

Graduates can obtain positions in areas including: Automotive Certification Specialist, Automotive Product Analyst, Automotive Trainer/Instructor, Bus Technical Inspector, Bus Fleet Engineer, Dealership Management in passenger car & heavy vehicle sector, Fleet Manager, Logistics Process Inspector, RSA Transport Officer, Supply Chain Management, Technical Inspector, Technical Support Specialist (Automotive & HGV), Transport Manager in the logistics sector, Transport Operations Management (Goods & Passenger), Transport Safety Management, Vehicle Damage Inspector, Vehicle Safety, Compliance and Inspection Management.

**CAO CODE:** LC380

**PROGRAMME LEVEL:** 8

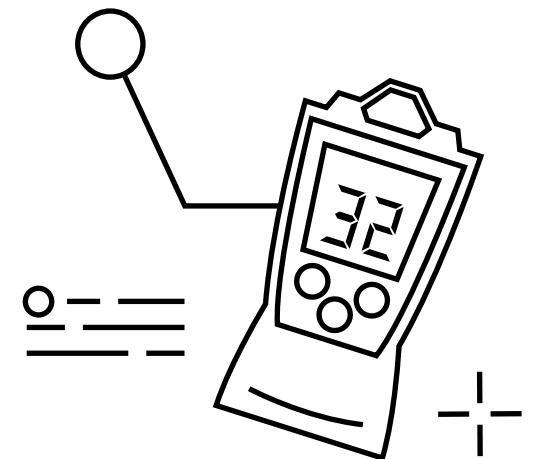
**DURATION:** 4 years

**CLASS HOURS:** 17-26 hours per week

**LOCATION:** Moylish Campus, Limerick

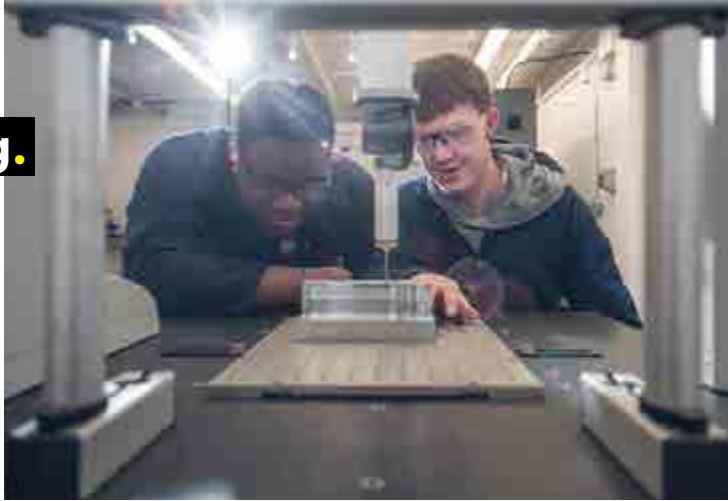
**CAO POINTS 2020:** 303

Graduates can become members of the Chartered Institute of Logistics & Transport (CILT) and can take the Certificate of Professional Competence (CPC) exam at a reduced fee. This allows graduates to be legally appointed to the position of Transport Manager. Graduates are also eligible for membership of the Institute of the Motor Industry (UK) where they will be awarded 'Certified Automotive Engineer' status (CAE).



# Mechanical Engineering.

Bachelor of Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Tony Mahon,  
Programme Leader

**Tel:** 061 293345

**Email:** [tony.mahon@lit.ie](mailto:tony.mahon@lit.ie)

**Web:** [www.lit.ie/Courses/LC288](http://www.lit.ie/Courses/LC288)

## WHAT IS THE PROGRAMME ABOUT?

This honours degree programme has been designed to provide students with a broad understanding of Mechanical Engineering. Mechanical Engineers are involved with almost every aspect of our daily lives, innovating and designing machines from computers to power generators to medical equipment. A Mechanical Engineering qualification offers graduates a huge variety of career paths across a wide range of industries.

This programme focuses on the practical aspects of Mechanical Engineering, such as Computer Aided Design, Engineering Processes and Maintenance, Refrigeration and Air Conditioning, Plant Engineering, Instruments and Control, etc. Mechanical Engineers apply sophisticated computer based tools and equipment such as Computer Aided Design (CAD), robotics and computer controlled manufacturing systems to aid the quality and speed of machinery production. This programme is taught with a practical, hands-on approach, giving students the skills needed for the employment market.

We welcome applications from holders of apprenticeships in the mechanical trades, and from persons with manufacturing backgrounds, that wish to upgrade their skills and qualifications.

Direct entry into Year 2 is possible for suitably qualified applicants with Craft qualifications or manufacturing backgrounds.

## WHO IS THE PROGRAMME SUITED TO?

If you are curious by nature and believe that you would enjoy working with complex machinery, then this honours degree programme is for you. You will learn how to build, repair, modify, design and fault-find modern mechanical systems and technologies. The programme has a significant amount of practical work involved and you will acquire excellent skills and knowledge.

## MODULES

**Year 1:** Engineering Technology, Mechanical CAD & Design, Mechanical Engineering Science, Introduction to Mechanical Engineering Mathematics, Electrical & Electronic Technology, Industrial Pneumatics, Engineering Computing.

**Year 2:** Engineering Technology & Maintenance, CAD/CAM & Design, Fluids & Mechanics, Thermodynamics, Electrical & Electronic Technology 2, Mechanical Engineering Maths & Programming.

**Year 3:** Plant Engineering, Materials & Mechanics, Applied Mechanical Engineering Mathematics, Instruments & Control, Hydraulics, Project.

**Year 4:** Mechanical Services, Building Management Systems & Technology, Building Information Modelling, Building Energy Analysis, Facilities Management, Dissertation.

**CAO CODE:** LC288

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 23 hours per week (approx)

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 347

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, job opportunities for graduates include: Product Engineer, Mechanical Engineer, Facilities Engineer, Design Engineer, Building Operations Supervisor. LIT Engineering graduates work for companies such as Vistakon, Boston Scientific, Irish Rail, ESB, etc.

# Mechanical Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Candidates who hold a Senior Trade Certificate and/or National Craft Certificate with appropriate endorsements or examination attainments in a cognate area will also be considered for entry, subject to a satisfactory interview. Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of these programmes. Candidates applying as mature applicants will be required to attend an interview and may be requested to take an aptitude test to prove their suitability for a place on this programme.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Tony Mahon,  
Programme Leader

**Tel:** 061 293345

**Email:** tony.mahon@lit.ie

**Web:** www.lit.ie/Courses/LC285

## WHAT IS THE PROGRAMME ABOUT?

This programme provides students with a broad understanding of Mechanical Engineering technology allowing students to enter the job market as an Associate Level Engineer or to pursue further education such as the Level 8 Bachelor of Mechanical Engineering (Honours) at LIT.

This programme focuses on the practical aspects of Mechanical Engineering, such as Computer Aided Design, Engineering Processes and Maintenance, Refrigeration and Air Conditioning, Plant Engineering, Instruments and Control, etc. Mechanical Engineers apply sophisticated computer based tools and equipment such as Computer Aided Design (CAD), robotics and computer controlled manufacturing systems to aid the quality and speed of machinery production. The programme is taught with a practical, hands-on approach, giving students the skills needed for today's employment market.

We welcome applications from holders of apprenticeships in the mechanical trades,

and from persons with manufacturing backgrounds, that wish to upgrade their skills and qualifications. Direct entry into Year 2 is possible for suitably qualified applicants with Craft qualifications or manufacturing backgrounds.

## WHO IS THE PROGRAMME SUITED TO?

If you are curious by nature and believe that you would enjoy working with complex machinery, then this programme is for you. You will learn how to build, repair, modify, design and fault-find modern mechanical systems and technologies. The programme has a significant amount of practical work involved and you will acquire excellent skills and knowledge.

## MODULES

**Year 1:** Engineering Technology, Mechanical CAD & Design, Mechanical Engineering Science, Introduction to Mechanical Engineering Mathematics, Electrical & Electronic Technology, Industrial Pneumatics, Engineering Computing.

**Year 2:** Engineering Technology & Maintenance, CAD/CAM & Design, Fluids & Mechanics, Thermodynamics, Electrical & Electronic Technology 2, Mechanical Engineering Maths & Programming.

**Year 3:** Plant Engineering, Materials & Mechanics, Applied Mechanical Engineering Mathematics, Instruments & Control, Hydraulics, Final Year Project.

**CAO CODE:** LC285

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 23 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 272

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of this programme can progress to the Level 8 Bachelor of Mechanical Engineering (Facilities) (Honours) at LIT. Job opportunities for graduates include: Product Engineer, Mechanical Engineer, CAD Technician. Some LIT graduates work for Vistakon, Boston Scientific and Irish Rail. Engineers Ireland (formerly the IEI) will recognise this qualification.

## Do you have a Craft qualification or a manufacturing background?

A 2 year Higher Certificate in Mechanical Engineering is available at LIT and can be used as a pathway to further study. See [www.lit.ie/direct](http://www.lit.ie/direct) for further information.

# Mechanical Engineering (Facilities)

Bachelor of Engineering (Honours)



## MINIMUM ENTRY REQUIREMENTS

1. A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of 50%.
2. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
3. A pass in a relevant Bachelor Degree (Level 7) with one year suitable and relevant work experience.

## Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Mr. Tony Mahon, Programme Leader

**Tel:** 061 293345

**Email:** tony.mahon@lit.ie

**Web:** www.lit.ie/Courses/A8285

## WHAT IS THE PROGRAMME ABOUT?

This is the first programme of its kind in the mid-west region. Modern businesses demand an increasingly high-quality environment in which to work. Over the past number of years, the development of industrial and commercial facilities has undergone massive growth and change. The design of heating, ventilation and air conditioning, visual and aural services, lighting, transportation and security systems are becoming more complex, efficient and sophisticated to meet this demand.

Graduates will have the appropriate qualifications and have developed a greater knowledge and understanding of the systems, processes and structures used in this industry to solve facilities engineering problems. Students will specialise in Building Information Modelling (BIM), Building Energy Analysis, Facilities Management, Building Management Systems (BMS), etc.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to Mechanical Engineering students who hold a Level 7 degree (or equivalent), with emphasis being placed on aspects of mechanical engineering such as heat transfer, thermodynamics, plant engineering and systems design.

## MODULES

Mechanical Services, Building Management Systems & Technology, Building Information Modelling, Building Energy Analysis, Facilities Management, Dissertation.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, job opportunities for graduates include: Facilities Engineer, Design Engineer, Building Operations Supervisor.

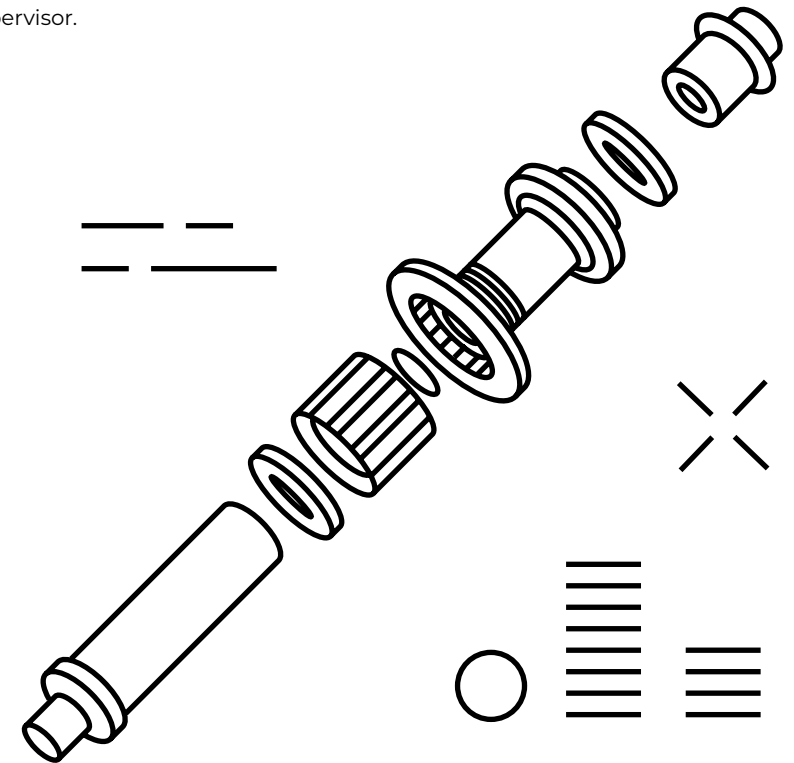
**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 year programme following Level 7 Degree LC285

**CLASS HOURS:** 18 hours per week

**LOCATION:** Moylish Campus, Limerick



# Precision Engineering

Bachelor of Engineering (Honours)  
*Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

**QQI FET/FETAC & Mature Applicants:** Refer to section 'Entry Requirements' for further information.

**Note:** Candidates applying as mature applicants will be required to attend an interview and maybe requested to take an aptitude test to prove their suitability for a place on this programme.

### Advanced Entry:

Level 6 Craft Certificate (trade) or equivalent such as Fitting or Toolmaking Candidates who hold a Senior Trade Certificate and/or National Craft Certificate with appropriate endorsements or examination attainments in a cognate area will also be considered for advanced entry into Year 2 or 3, subject to a satisfactory interview.

## FURTHER INFORMATION

**Contact:** Mr. Ciarán O'Loughlin,  
Programme Leader

**Tel:** 061 293339

**Email:** [ciaran.oloughlin@lit.ie](mailto:ciaran.oloughlin@lit.ie)

**Web:** [www.lit.ie/Courses/LC289](http://www.lit.ie/Courses/LC289)

## WHAT IS THE PROGRAMME ABOUT?

Precision engineering is involved with the design, manufacturing and measurement of highly specified parts for the medical, aerospace, automotive, oil and gas exploration and related industry.

Students learn how to work effectively with both manual and CNC machines to produce parts from an initial design to a final product. Parts are designed using CAD systems to develop solutions to engineering problems and when completed the accuracy will measure specialised measurement equipment such as co-ordinate measuring machines (CMM).

Students will work as individuals and in groups on a variety of industrial standard engineering projects. Students will use some of the newest CNC technology such as advanced CNC machining, robotics in manufacturing, Additive manufacturing, materials engineering and Lean engineering technology.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those that are interested in learning to design, manufacture and evaluate precision parts and assemblies used in high and low technology devices. The fusion of theory and practice is core to this programme and appeals to those that want to use technology in engineering.

## MODULES

**Year 1:** Engineering Technology, Introduction to CNC Programming & Operations, Computer Aided Design, Engineering Maths, Engineering Science, Computing.

**Year 2:** Engineering Technology and Maintenance, CNC Programming (CAM), Setting and Operation, Computer Aided Drawing and Design, Mechanical Engineering Maths & Programming, Industrial Machine Mechanics, Sigma and Metrology.

**Year 3: Semester 1:** Advanced CNC Machining 1, Advanced Six Sigma and Metrology 1, Applied Mechanical Engineering Mathematics 2, Process Planning, Materials Selection, Group Project.

**Semester 2:** Advanced CNC Machining 2, Advanced Six Sigma and Metrology 2, Applied Mechanical Engineering Mathematics 2, Advanced Engineering Technology, Mechanics and Failure Analysis, Individual Project.

**Year 4: Semester 1: (September to December):** Computer Integrated Machining, Implementation of Lean and Six Sigma Systems, Mechanics & Materials Testing, Additive Manufacturing Technology, Project Management.

**Semester 2: (January to May):** Automated Manufacturing Systems, Quality Management Systems, Modern Material Selection, Design for Manufacture and Assembly, Project Management 2. Applied Research Project (Year long).

**CAO CODE:** LC289

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 21-26 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 291

## WHAT CAN I DO AFTER THE PROGRAMME?

Programme graduates will work as Precision Engineers in world class manufacturing and production environments and will be highly skilled in areas of CNC machining, CAD/CAM, metrology and material selection methods.

Graduates will typically be employed in one of the following roles: Precision Engineer in a world class machining environment; Applications Engineer; Design Engineer and development of complex components; Manufacturing Engineer; Production Engineer; CNC Machinist and Programmer; Materials Engineer; Process Control Engineer.

# Precision Engineering.

Bachelor of Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**Note:** Candidates applying as mature applicants will be required to attend an interview and may be requested to take an aptitude test to prove their suitability for a place on this programme.

### Advanced Entry:

Level 6 Craft Certificate (trade) or equivalent such as Fitting or Toolmaking Candidates who hold a Senior Trade Certificate and/or National Craft Certificate with appropriate endorsements or examination attainments in a cognate area will also be considered for advanced entry into Year 2 or 3, subject to a satisfactory interview.

## FURTHER INFORMATION

**Contact:** Mr. Ciarán O'Loughlin, Programme Leader

**Tel:** 061 293339

**Email:** [ciaran.oloughlin@lit.ie](mailto:ciaran.oloughlin@lit.ie)

**Web:** [www.lit.ie/Courses/LC283](http://www.lit.ie/Courses/LC283)

## WHAT IS THE PROGRAMME ABOUT?

Precision engineering is involved with the design, manufacturing and measurement of highly specified parts for the medical, aerospace, automotive, oil and gas exploration and related industry. This degree has been designed with industry to respond efficiently and effectively to the needs of the Precision Engineering industry.

Students learn how to work effectively with both manual and CNC machines to produce parts from an initial design to a final product. Parts are designed using CAD systems to develop solutions to engineering problems and when completed the accuracy will measure specialised measurement equipment such as co-ordinate measuring machines (CMM). Students will work as individuals and in groups on a variety of industrial standard engineering projects.

This degree is an active learning programme with the application of theory in workshop/labs with hands-on experience on state-of-the-art CNC machines, CAM software and metrology equipment. Students will use some of the newest CNC technology such as FANUC Robodrill (3 axis milling machine) Spinner 5-axis milling machine, Mazak twin spindle lathe with milling capability.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those that are interested in learning to design, manufacture and evaluate precision parts and assemblies used in high and low technology devices.

## MODULES

**Year 1:** Engineering Technology, Introduction to CNC Programming & Operations, Computer Aided Design, Engineering Maths, Engineering Science, Computing.

**Year 2:** Engineering Technology and Maintenance, CNC Programming (CAM), Setting and Operation, Computer Aided Drawing and Design, Mechanical Engineering Maths & Programming, Industrial Machine Mechanics - Statics and Dynamics, Six Sigma and Metrology.

**Year 3: Semester 1: (September to December):** Advanced CNC Machining 1, Advanced Six Sigma and Metrology 1, Applied Mechanical Engineering Mathematics 2, Process Planning, Materials Selection, Group Project.  
**Semester 2: (January to May):** Advanced CNC Machining 2, Advanced Six Sigma and Metrology 2, Applied Mechanical Engineering Mathematics 2, Advanced Engineering Technology, Mechanics and Failure Analysis, Individual Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

Programme graduates will work as Precision Engineers in world class manufacturing and production environments and will be highly skilled in areas of CNC machining, CAD/CAM, metrology and material selection methods.

Graduates will typically be employed in one of the following roles: Precision Engineer in a world class machining environment, Applications Engineer utilising CAD/CAM

**CAO CODE:** LC283

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 21-26 hours per week (approx)

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 227

to maximise utilisation of machines tools, Design Engineer and development of complex components, Manufacturing Engineer, Production Engineer; CNC Machinist and Programmer, Materials Engineer, Process Control Engineer, Equipment Test Engineer/Technician, Engineer in the Medical Device, Human Implant, and Life Sciences industries.

Graduates can also progress to the Level 8 honours degree in Precision Engineering at LIT.

# Road Transport Technology & Management.

Bachelor of  
Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

Candidates who hold a Senior Trade Certificate and/or National Craft Certificate in the Motor Trade area will be considered for admission to Year 3 of the programme.

Holders of a National/Higher Certificate (Level 6) in Engineering or Technology may be considered for admission to Year 2 or 3 of the programme.

Candidates applying as mature applicants will be required to attend an interview and may be requested to take an aptitude test to prove their suitability for a place on this programme.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Shane McAuliffe,  
Programme Leader

**Email:** shane.mcauliffe@lit.ie

**Web:** www.lit.ie/Courses/LC286

## WHAT IS THE PROGRAMME ABOUT?

This programme is a mix of technological, business and management skills specifically related to the automotive/transport industry. Students will be exposed to concepts and ideas that will allow them to develop the necessary competencies to launch a career in the transport industry.

Transportation technology has been identified by government as a key issue in maintaining and enhancing the competitiveness of our economy in the decades ahead. This programme allows students to gain the necessary skills to become managers in today's automotive industry.

## WHO IS THE PROGRAMME SUITED TO?

The programme will be of interest to students with an interest in the road haulage/transport and logistical sectors, as well as vehicle mechanics who would like to progress their careers into management within the road haulage/transport and logistical sectors.

This programme is suited to people interested in pursuing a career in all aspects of the Road Transport Technology, Management and Logistics industry.

## MODULES

**Year 1:** Automobile Engineering & Vehicle Technology 1, Mechanical Engineering Science, Introduction to Mechanical Engineering Maths, Automobile Electrics & Electronics 1, Engineering Computing, Motor Vehicle Retail Management 1, Computer Aided Drawing.

**Year 2:** Automobile Engineering & Vehicle Technology 2, Automobile Electrics & Electronics 2, Vehicle Science, Computing Automotive, Motor Vehicle Retail Management 2, Automotive Engineering Mathematics.

**Year 3:** Heavy Vehicle Technology & Mechanics, Global Logistics Management, Road Transport & Fleet Operations, Marketing in the Automotive & Road Transport Sector, Mathematics for Transport Management, Final Year Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of this programme can progress to a Level 8 Bachelor of Engineering (Honours) degree in Automotive Engineering and Transport Management at LIT.

On successful completion of the programme, job opportunities for graduates include: Transport Manager, Automotive Insurance Assessor, Transport Operation Management, Logistics Management, Branch Manager Motor Dealer, and Branch Manager Motor Factors, Bus Fleet Manager, Bus Technical Manager.

Graduates can become members of the Chartered Institute of Logistics & Transport (CILT) and can take the Certificate of Professional Competence (CPC) exam at a greatly reduced fee. This allows graduates to be legally appointed to the position of Transport Manager. Graduates are also eligible for membership of the Institute of the Motor Industry (UK) where they will be awarded 'Certified Automotive Engineer' status (CAE).

**CAO CODE:** LC286

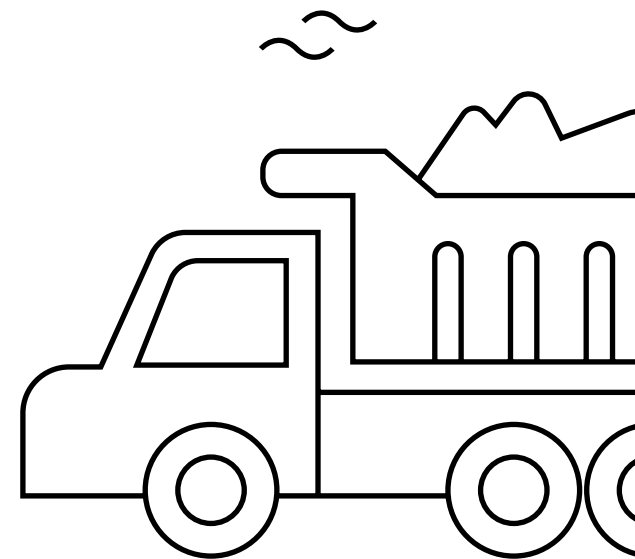
**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 19 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 264



# Process & Engineering Management.

Bachelor of Science (Honours)



## MINIMUM ENTRY REQUIREMENTS

Level 7 degree in Engineering or Science related subject. Students with suitable experience and prior learning will be considered.

*The programme can also be carried out part-time via ACCS mode.*

## Apply directly to LIT:

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Dr. Patrick Walsh,  
Programme Leader

**Tel:** 061 293816

**Email:** patrick.walsh@lit.ie

**Web:** www.lit.ie/Courses/A8286

## WHAT IS THE PROGRAMME ABOUT?

This Level 8 one year add-on honours degree programme has been designed to provide students with an Engineering or Science based Level 7 degree, with a set of both technical and transferrable skills that are widely applicable to industry.

The development of this programme is a direct response to feedback and requirements from industry. The companies surveyed stated that Engineering graduates were lacking the necessary skill set and process knowledge to work effectively in an industrial environment. The programme utilises industrial case studies, requires significant independent learning and engagement with local industry. Students actively work with various companies to carry out research for their dissertation, apply applied process improvement techniques and create project plans that are beneficial to the companies.

To allow for this, the programme is structured as follows:

1. Two major modules in the form of Applied Process Improvement and Project Management.
2. Two minor modules in the form of Engineering Operations Management and Statistical Process Control.
3. A dissertation module.

On completion of the Applied Process Improvement module, students can also complete the America green belt six sigma exam resulting in green belt certification.

An overview of feedback from industry shows that there are not enough third level combination engineering and management programmes; this programme meets this gap. Industry also requires a more rounded individual for the manufacturing and service provision. A graduate with an insight into project and people management is seen as an asset in modern industry.

## WHO IS THE PROGRAMME SUITED TO?

This Level 8 Honours Degree in Process & Engineering Management is a follow-on programme for any graduate who has successfully completed an Engineering or Science Level 7 degree.

For example, graduates from the following LIT Level 7 Degree programmes can apply to progress onto this honours degree programme:

- LC285 Mechanical Engineering
- LC286 Road Transport Technology & Management
- LC279 Electronic Engineering with Computer Systems
- LC278 Renewable & Electrical Energy Engineering

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 year add-on honours degree

**CLASS HOURS:** 18 hours per week.  
*Currently running over 3 days (Tuesday to Thursday)*

**LOCATION:** Moylish Campus, Limerick

- LC251 Civil Engineering
- LC277 Industrial Automation & Robotic Systems
- Any relevant Level 7 Science degree

## MODULES

Applied Process Improvement, Project Management, Statistical Process Control, Engineering Operations Management and Dissertation module.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, opportunities for graduates include jobs such as: Process Engineer, Manufacturing Engineer, Validation Engineer, Quality Engineer, Operations Engineer, Operations Management, Project Manager, New Product Introduction Engineer, Validation Engineer, Process Improvement Engineer, Continuous Improvement Engineer, Logistics Management.



# SOLAS Craft Apprentice Programmes.



## AWARDING BODY

Quality and Qualifications Ireland (QQI). All apprentices are scheduled for attendance by SOLAS by whom they are registered. All enquiries, therefore, should be made directly to SOLAS.

## FURTHER INFORMATION

### SOLAS Limerick

Tel: 061 487915

### SOLAS Dublin

Tel: 01 6070500

The Mechanical & Automobile Engineering Department at LIT currently provide block release programmes for two SOLAS Craft Apprenticeships. These include:

- **Mechanical Automation and Maintenance Fitting (MAMF) Apprenticeship**
- **Motor Mechanics Apprenticeship**

Block Release Programmes are provided for Registered Apprentices in the MAMF and Motor Mechanic craft Apprenticeships. Block Release Programmes are normally ten or eleven weeks. All Apprentices come to the Institute for two blocks (called Phase 4 and Phase 6) during their approximate four years of training. Both Phases are scheduled by SOLAS.

## MECHANICAL AUTOMATION AND MAINTENANCE FITTING (MAMF) APPRENTICESHIP

The modules that are delivered during the phases of this apprenticeship are:

- Workshop Technology
- Mathematics and Craft Calculation
- Engineering Science
- Technical Drawing and Complementary Studies.

Apprentices within the MAMF Apprenticeship programme are encouraged to complete the City & Guilds 2565 Applied Electrical and Mechanical Engineering Technician evening programme at LIT.

In addition, MAMF Apprentices attending Block Release programmes can take Machine Shop Practice (Practical) and Welding (Practical).

## MOTOR MECHANICS APPRENTICESHIP

The modules that are delivered during the phases of this apprenticeship are:

- Garage Practice (Practical)
- Petrol Engine Management
- Steering and Suspension systems
- Brake Systems
- Transmission
- Body Electronics
- Compression Ignition

Apprentices within the Motor Mechanics Apprenticeship programme are encouraged to complete supplementary Automotive Technology evening programmes that take place at LIT Moylish Campus, Limerick.

# Department of the Built Environment

Faculty of Applied Science,  
Engineering and Technology

**The Department of the Built Environment at LIT is a specialised centre for Property, Quantity Surveying, Construction and Civil Engineering education and training.**

Most of our Honours Degree programmes include a full year of work placement. We also offer advanced entry to our programmes with cognate Degrees and/or relevant industry experience in the form of full-time learning, or work based learning.

A wide range of progression and transfer opportunities are available such as:

- Students who are awarded a distinction in Higher Certificate programmes (Level 6) are, subject to places being available, eligible to apply for a one year exemption on cognate four year B.Sc. (Honours) programmes (Level 8).
- Students who are awarded a Merit/Distinction in the B.Sc. and B.A. (Level 7) programmes may, subject to places being available, be considered for transfer with exemptions to the second/third year of cognate B.Sc. (Honours) programmes (Level 8).
- Students who are awarded the Bachelor of Engineering in Civil Engineering (Level 7) are, subject to places being available, eligible to apply for entry to the final year of the B.Sc. (Honours) (Level 8) in Civil Engineering Management.





**Kieran Murphy,**  
Quantity Surveying



## Graduate Profile

"I graduated from LIT as a Chartered Quantity Surveyor. One of the things that attracted me to the course was its reputation as one of the most respected courses of its kind, with an international standing. After graduating, I went on to be part of the management teams on major projects, including the development of Opera Lane in Cork city centre. My time in LIT was very enjoyable. My lecturers were always available to me, and being in LIT felt like being part of a community. The college supported me in my inter-county hurling career, and I was part of two Fitzgibbon Cup winning teams. I now work with PWC, the largest professional services firm in Ireland."



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**Dean, Faculty Applied Science,  
Engineering & Technology**

Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.),  
C.Eng, FIEI

**Head of Department of the  
Built Environment**

Dr. Pat Gill, BE, MEngSc, CEng,  
MIEI, MCIQB

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**FURTHER INFORMATION**

Department of the Built  
Environment  
Tel: 061 293858  
Email: [builtenvironment@lit.ie](mailto:builtenvironment@lit.ie)

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC341</b>	<b>Architectural Technology</b> Bachelor of Science (Honours) Ab Initio	230
<b>LC248</b>	<b>Built Environment (Common Entry)</b> Bachelor of Science (Honours)	232
<b>LC252</b>	<b>Civil Engineering Management</b> Bachelor of Science (Honours) Ab Initio	234
<b>LC241</b>	<b>Construction Management</b> Bachelor of Science (Honours) Ab Initio	238
<b>LC340</b>	<b>Interior Design</b> Bachelor of Arts (Honours) Ab Initio	240
<b>LC242</b>	<b>Property Valuation &amp; Management</b> Bachelor of Science (Honours) Ab Initio	242
<b>LC243</b>	<b>Quantity Surveying</b> Bachelor of Science (Honours) Ab Initio	244

### LEVEL 7 PROGRAMMES ON CAO

page

<b>LC251</b>	<b>Civil Engineering</b> Bachelor of Engineering	236
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### CRAFT APPRENTICE PROGRAMMES

<b>SOLAS Apprenticeships at LIT – Carpentry and Joinery &amp; Brick and Stonelaying</b>	246
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### POSTGRADUATE PROGRAMMES

- MSc in Quantity Surveying in Sustainable Public Building (Level 9)
- MSc in Quantity Surveying in Sustainable Civil Engineering (Level 9)
- MSc in Quantity Surveying in Sustainable M&E Engineering (Level 9)

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



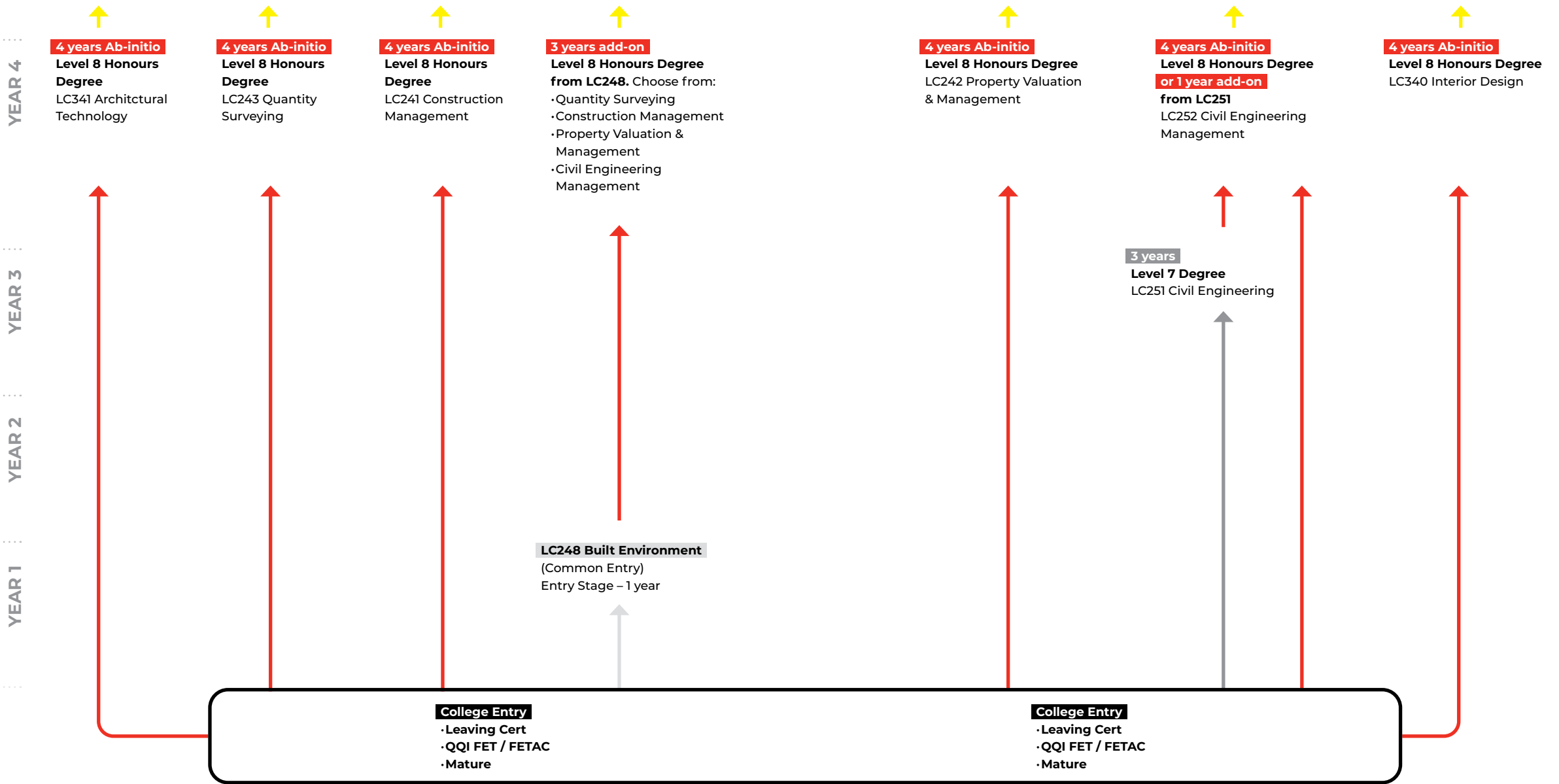
# Progression Opportunities

## Built Environment

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**.

### Postgraduate Programmes (Level 9 & Level 10)



# Architectural Technology.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Pat Gill,  
Head of Department

**Tel:** 061 293000

**Email:** pat.gill@lit.ie

**Web:** www.lit.ie/Courses/LC341

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

Architectural technologists are specialists in the technological decisions necessary to solve design problems.

They need a sound understanding of the processes of design, construction technology and the management tools for the communication of design information. The skills they require are wide ranging, from design appreciation, technical analysis and presentation, to management skills.

This studio-based programme consists of modules that are primarily assessed through technical project work, coursework and assignments.

Real world projects and the integration of Industry Placement will also form a significant part of the assessment process.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to students from second level and mature students who wish to pursue a career in an exciting problem-solving technical discipline.

## MODULES

**Year 1:** Architectural Context 1, Services (Domestic), Land Use Planning & Regulation, Construction Technology, Materials and Specification 1, Technical Studio 1 (Drawing) Studio Graphics (Manual & Digital), Dimensional Surveys and Reports.

**Year 2:** Architectural Context 2, Technical Studio 2 (CAD), Construction Technology, Materials and Specification 2, Regulations (Commercial), Studio Graphics (CAD), Building Structures, Services (Commercial).

**Year 3:** Professional Placement, Construction Technology Materials and Specification 3, Dissertation Research for Architectural Technologists, Technical Studio 3 (BIM), Studio Graphics (BIM), Professional Practice for Architectural Technologists Management Practice for Architectural Technologists, Active Learning Diary for Architectural Technologists, Building Energy Modelling and Simulation.

**Year 4:** Services (Sustainability), Studio and Sustainable Construction 1, Dissertation, Studio and Sustainable Construction 2, Health and Safety and Regulations, Studio Graphics (Visualisation), Contract Administration and Law.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduate Architectural Technologists have a wide range of career opportunities. Employment can range from architectural practice, working for contractors, engineering practices and construction management practices.

CAO CODE: L341

NEW  
PROGRAMME

PROGRAMME LEVEL: 8

DURATION: 4 years

CLASS HOURS: 18 - 23 hours

LOCATION: Moylish Campus, Limerick

CAO POINTS 2020: New Programme

# Built Environment (Common Entry)\*.

Bachelor of Science  
(Honours)

*\*This is a one year  
common entry  
programme*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Liam Daly,  
Programme Leader

**Tel:** 061 293311

**Email:** liam.daly@lit.ie

**Web:** www.lit.ie/Courses/LC248

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

This is a one year common entry programme to the four honours degree programmes in the Built Environment. Successful completion of this Common Entry Year will entitle the student to progress into Year 2 of the following programmes, subject to availability of places:

1. BSc (Hons) in Quantity Surveying
2. BSc (Hons) in Property Valuation & Management
3. BSc (Hons) in Construction Management
4. BSc (Hons) in Civil Engineering Management

This programme is offered on the CAO in addition to the four existing Level 8 honours degrees in the Department of the Built Environment. The Common Entry Year has been developed in order to advance the Transitions Agenda being pursued in Irish Higher Education, of better transition from second level to third level education.

This programme aims to give the student the first stage of an academically challenging educational experience, that will enable

the student to develop the knowledge, skills and competencies to serve both the construction industry and society, in whichever specialisation within the industry they progress to study in years 2, 3 and 4 of the Honours Degree programmes in the Department of the Built Environment

## WHO IS THE PROGRAMME SUITED TO?

This Common Entry Year is suited to individuals who are looking for a career in the Construction industry but are not sure of the specialism they wish to pursue.

## MODULES

Introduction to Built Environment Studies, Construction Technology, Engineering Surveying, Building Systems 1, Economics for Construction & Property Specialists, Construction Law, Engineering Mathematics, IT & Communication Skills for Construction and Property Professionals.

## WHAT CAN I DO AFTER THE PROGRAMME?

Successful completion of this common Year 1 entitles students to progress into Year 2 of any of the four Level 8 programmes in Built Environment at LIT – Civil Engineering Management, Construction Management, Property Valuation & Management, or Quantity Surveying, subject to availability of places.

**CAO CODE:** LC248

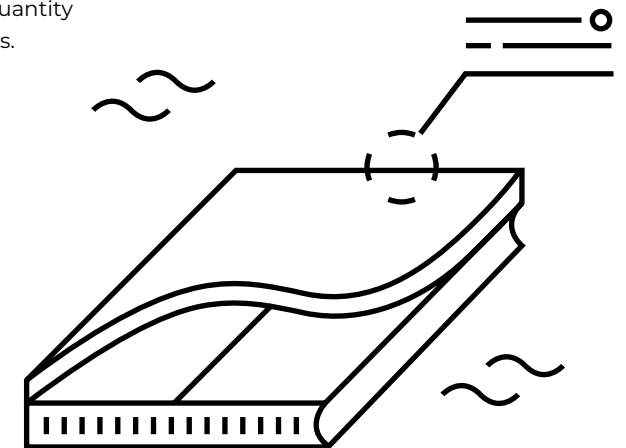
**PROGRAMME LEVEL:** 8

**DURATION:** 1 year with progression to Year 2 of the current Level 8 honours degree programmes in the Department of the Built Environment

**CLASS HOURS:** 22 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 288



# Civil Engineering Management.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**Accredited by Chartered Institute of Building (CIOB) & Engineers Ireland (Associate Level)**

## FURTHER INFORMATION

**Contact:** Mr. Peter Armstrong,  
Programme Leader

**Tel:** 061 293350

**Email:** peter.armstrong@lit.ie

**Web:** www.lit.ie/Courses/LC252

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

The programme is designed in partnership with industry and uniquely merges civil engineering with management skills. It provides graduates with the knowledge, skills and techniques used in civil engineering management. The programme is a four year sandwich: two years full-time study, one year of practical work experience (or equivalent) and a final year of full-time study.

Graduates will be able to manage the construction and maintenance of infrastructural developments. Such work would include bridges, marine works, tunnels, motorways, railways, airfields and environmental projects including water and waste water systems, pipelines, waste management and residential, commercial and industrial buildings.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to students from second level and mature students who wish to work in the construction and civil engineering industry in Ireland or abroad mainly in a management capacity.

## MODULES

**Year 1:** Construction Technology, Land Surveying, Building Systems 1 & 2, Economics for Construction & Property Specialists, Engineering Mathematics, IT & Communication Skills for Construction and Property Professionals, Built Environment Law, Construction Practice.

**Year 2:** Construction Technology 2, Construction Management & Building Information Modelling, Surveying, Civil Engineering Design, Civil Engineering Practice, Environmental Engineering, Civil Engineering Administration & Law, Integrated Project.

**Year 3: Work Placement Year:** Active Learning Diary & Professional Competencies, Capstone Project, Management Practice, Research Proposal, Literature Review.

**Year 4:** Civil Engineering Management & I.T., Project Management & Building Information Modelling, Civil Engineering Design, Civil Engineering Practice, Environmental Engineering, Sustainable Construction, Advanced Civil Engineering Surveying, Financial Management & Taxation, Dissertation, Urban Economics & Public Policy, Electives.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, employment opportunities include: Site Engineering, Civil Project Management, Civil Engineering Contracting.

LIT graduates are employed by Local Authorities, Civil Engineering Contractors and Consulting Engineers. Graduates can also progress to postgraduate programmes at LIT and other 3rd level universities and colleges.

**CAO CODE:** LC252

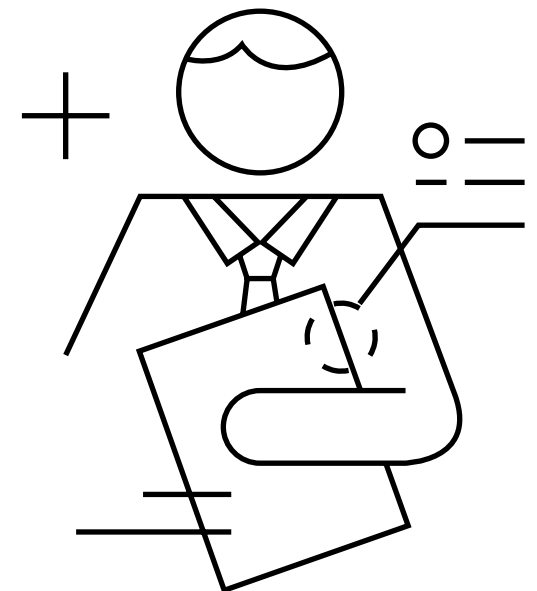
**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 270





# Civil Engineering.

Bachelor of  
Engineering



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements for LIT Programmes' for further information.

**Accredited by Engineers Ireland,  
Chartered Institute of Civil  
Engineering Surveyors**

## FURTHER INFORMATION

**Contact:** Mr. Michael O'Shea,

Programme Leader

**Tel:** 061 293310

**Email:** michael.oshea@lit.ie

**Web:** www.lit.ie/Courses/LC251

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

This programme is designed to provide Civil Engineering graduates to the construction and civil engineering industry and provides many transferable skills. The areas of speciality include Civil Engineering, Construction, Geotechnical Engineering, Highway Engineering, Public Health Engineering and Structural Engineering.

Graduates are equipped to undertake challenging and responsible activities on site, in the laboratory or the design office. During the programme, there are opportunities for students to participate in site visits, organised by the programme team.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to students from second level and mature students who wish to work in the construction and civil engineering industry in Ireland and abroad.

## MODULES

**Year 1:** Construction Technology & Environmental Services, Land Surveying, Mathematics & IT, Engineering Mechanics & Graphics, Communications, Research & Legal Studies, Materials.

**Year 2:** Civil Engineering Construction & Public Health, Civil Engineering Surveying, Structural Engineering Design & Detailing, Soils & Concrete, Mathematics & Construction I.T., Administration & Construction Management.

**Year 3:** Civil Engineering Construction & Geotechnical Engineering, Highway Engineering & Management Practice, Public Health & Environmental Engineering, Structural Engineering, Contract Administration & Law, Major Project, Engineering Mathematics & Civil Engineering I.T.

**CAO CODE:** LC251

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 17-23 hours per week

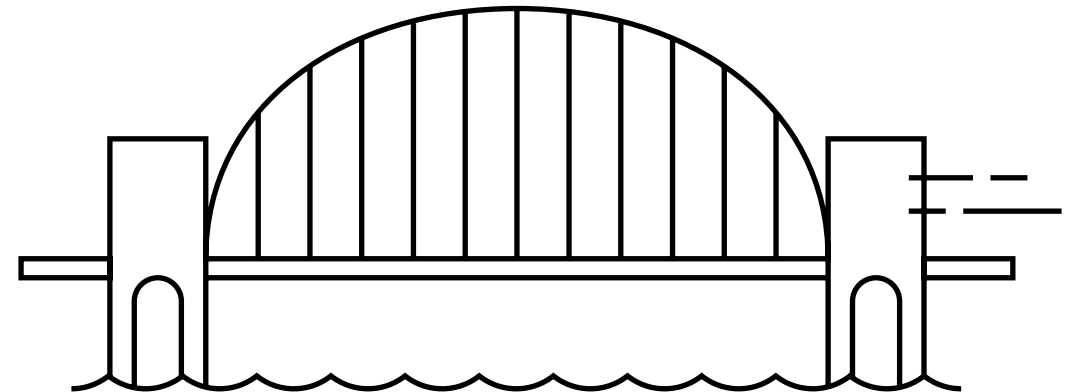
**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 206

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, graduates can seek employment with both private sector and public sector organisations such as Local Authorities, Building and Civil Engineering Contractors and Consulting Engineers.

Graduates may also progress to a Level 8 Honours Degree to further their studies.



# Construction Management.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**The programme is accredited by the Chartered Institute of Building (CIOB) & Engineers Ireland (Associate Level)**

## FURTHER INFORMATION

**Contact:** Mr. Redmond Condon,  
Programme Leader

**Tel:** 061 293166

**Email:** redmond.condon@lit.ie

**Web:** www.lit.ie/Courses/LC241

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

Construction Management is all about managing the construction process and meeting the needs of clients within legal, financial and environmental constraints. Construction Managers require a combination of engineering knowledge, good business and organisation skills and a capacity for leadership in managing the building process.

You will develop an in-depth knowledge and understanding of the construction process and the necessary theoretical knowledge to match solutions to construction problems; the management skills to plan, organise and manage construction projects and the ability to contribute to the construction process in a manner that sustains and enhances the natural and the built environments. This includes the responsibility for coordinating a wide variety of skilled workers and specialists and leading them in the implementation of the plan, monitoring progress against the required objectives, and making adjustments to ensure that the goals originally set forth are achieved.

Construction Management graduates are also involved in organising the resources required – labour, materials, equipment, time and money and translating the work of designers such as architects and engineers into reality.

## WHO IS THE PROGRAMME SUITED TO?

Students from second level and mature students who wish to work in the construction industry in Ireland or abroad, mainly in a management and technical capacity.

## MODULES

**Year 1:** Construction Technology, Land Surveying, Economics for Construction & Property Specialists, Engineering Mathematics, IT & Communication Skills for Construction & Property Professionals, Built Environment Law, Construction Practice, Building Systems 1 & 2.

**Year 2:** Construction Technology 2, Construction Management & Building Information Modelling, Surveying, Estimating & Tender Documentation, Project Cost Management, Project Administration & Law, Sustainable Building Services for Construction Managers, Integrated Project.

**Year 3:** Active Learning Diary & Professional Competencies, Capstone Project, Management Practice, Research Proposal, Literature Review.

**Year 4:** Dissertation, Construction Management & IT, Project Management & Building Information Modelling, Construction Technology 4, Sustainable Construction, Services Application & Management, Electives (Advanced Civil Engineering Surveying or Urban Economics & Public Policy).

**CAO CODE:** LC241

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 255

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of this programme, careers for graduates include: Site Engineering, Site Management, Construction and Project Management, Contract Management, Quality Management.

LIT Construction Management work placement students and graduates have found work with Sisk, Coffey Construction, John Paul Construction, PJ Hegarty, BAM, Aecom and Jacob International.

Check out our student testimonials at: [www.youtube.com/LimerickIT](https://www.youtube.com/LimerickIT) to learn more about this programme.

# Interior Design.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Sue Corcoran,  
Programme Leader

**Tel:** 061 293284

**Email:** sue.corcoran@lit.ie

**Web:** www.lit.ie/Courses/LC340

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

This studio-based programme consists of modules that are primarily assessed through design projects, coursework and assignments.

Programme content is concerned with the study of interiors through analysis, research and intervention. Through understanding the needs of the client, respecting the existing situation, and researching the specialised area, it allows the student to respond with relevant, innovative and creative solutions.

The programme uses the design project as the central vehicle for learning and aims to stimulate and provoke imaginative responses to the reuse of interior spaces. Projects address domestic, commercial, hospitality, community, social and user-specific interior briefs.

The first year starts with core foundation skills facilitating exploration and allowing students to develop a body of knowledge on approaches to interior spaces. As the programme progresses, students engage in live projects with community and charity organisations where they work with a real-life client and situation. Collaborative and group work is used extensively alongside individual studio practice. Field trips,

locally, nationally and internationally run in conjunction with visiting lectures from designers in practice and industry, ensuring engagement and understanding of best practice and current trends in interior design.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to students from second level and mature students who wish to pursue a career in an exciting problem-solving design discipline.

There is an embedded exit award included at Level 7 within the programme (after successful completion of 3rd year).

## MODULES

**Year 1:** Design Fundamentals, Draughting, Design Illustration & Communication, Interior & Architectural History, Introduction to Materials & Finishes, Creative Practice, Furniture Design.

**Year 2:** Domestic Interior Design, Interior Technology & Regulation, Digital Media & Communication, Contemporary Design Studies, Detailing & CAD, Material Application, Interior Surveying & Quantification.

**Year 3:** Commercial Interior Design, Services & Regulation, Advanced Graphics & Communication, Contextual Design Studies, Professional Placement, Reflective Journal. Electives: Design Studio – Hospitality, Sustainability for Interior Design, Conservation for Interior Design.

**Year 4:** Design Studio – User Centred, Advanced Technology, Research Project, Design Seminar, Final Design Project, BIM for Interior Design, Professional Practice, Financial & Project Management.

**CAO CODE:** LC340

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

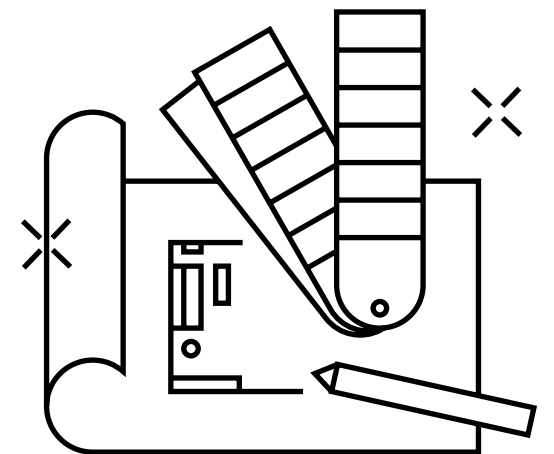
**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 350

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, graduate job opportunities include: Interior Design Consultancy (Domestic/Commercial), Interior Design Technician, 3D Modelling/ Visualisation, Exhibition Design, Kitchen Design, Retail Design, Yacht Design, Set Design.



# Property Valuation & Management.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**Accredited by the Society of Chartered Surveyors Ireland (SCSI)**

## FURTHER INFORMATION

**Contact:** Ms. Máire Daly,  
Programme Leader

**Tel:** 061 293309

**Email:** maire.daly@lit.ie

**Web:** www.lit.ie/Courses/LC242

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

This is a four year sandwich honours degree programme incorporating three academic years and one full year of industrial work placement in third year. The aim of the programme is to develop a property professional who possesses the knowledge, skills and competencies required to work in the diverse sectors of the property industry such as valuation, estate agency, marketing, property management, investment, development, corporate real estate, research and land-use planning.

The programme offers a business based qualification and covers residential, commercial, agricultural and specialist property. It is fully accredited by the Society of Chartered Surveyors Ireland (SCSI) and has international recognition through the Royal Institution of Chartered Surveyors (RICS). The programme meets the minimum educational requirements required to work as a property services provider under the Property Services (Regulation) Act 2011.

## WHO IS THE PROGRAMME SUITED TO?

The broad based nature of the career opportunities available to property graduates makes it difficult to answer this question. For example, individuals who enjoy getting out and about and meeting people may be suited to the agency side of the industry, while those who enjoy working with numbers may be attracted to the professional services or valuations.

## MODULES

**Year 1:** Building Systems 1, Construction Technology, IT & Communication Skills for Construction & Property Professionals, Economics for Construction & Property Specialists, Built Environment Law, Land Use Planning Principles & Law, Property Valuations.

**Year 2:** Property Investment Valuations, Statutory Valuations & Residential Property Management, Building Technology PVM2, Estate Agency Practice & Marketing, Property Economics, Conservation & Architectural Heritage, Property Development Valuations, PVM Integrated Project, Planning Law & Development, Property Law.

**Year 3:** Work Placement (Active Learning) Year - Active Learning Diary & Professional Competencies, Management Practice, Research Proposal, Literature Review, PVM Capstone Project. Work placement can be undertaken in Ireland or abroad. Students who are unable to secure a work placement complete an academic third year in LIT.

**Year 4:** Advanced Property Appraisal & Specialist Valuations, Advanced Statutory Valuations, Property Management Practice, Urban Economics & Public Policy, Planning & Social Policy, Dissertation, Financial Management & Taxation.

**CAO CODE:** LC242

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 282

## WHAT CAN I DO AFTER THE PROGRAMME?

Career opportunities for graduates include: Estate Agent, Auctioneer, Chartered Surveyor, Property Valuer, Property Manager, Property Consultant, Residential or Commercial Agent.

Graduates have also gained employment in Local Authorities, Regeneration Agencies and Voluntary Housing Organisations. Some graduates work for CBRE, Jones Lang LaSalle, Lisney, Savills, Sherry Fitzgerald, Bord Gais Eireann, Local Authorities (Planning and Housing departments).

# Quantity Surveying.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

**Accredited by the Society of Chartered Surveyors Ireland (SCSI)**

## FURTHER INFORMATION

**Contact:** Mr. Michael Mooring,  
Programme Leader

**Tel:** 061 293332

**Email:** michael.mooring@lit.ie

**Web:** www.lit.ie/courses/LC243

**f** LITBuiltEnvironment

## WHAT IS THE PROGRAMME ABOUT?

The profession of quantity surveying is at the forefront of construction economics and management. This honours degree programme has been developed in partnership with industry and is unique in providing a 12 month work placement for students in year 3 of the programme. The placement programme called the 'Active Learning Year' is organised by LIT and its industry partners.

There is a constant demand for quantity surveying services in both Ireland and globally as clients seek to achieve a more sustainable and economically efficient built environment. Increasingly quantity surveyors are being used in a number of wide and diverse client support roles where they offer strategic advice in areas such as economics; law; technology; capital allowances and taxation. This diversity of roles combines to create a sustainable demand for the specialist expertise of the quantity surveyor.

## WHO IS THE PROGRAMME SUITED TO?

Quantity Surveying is suitable for people who wish to pursue a professional career in the development and management of building and infrastructure projects, particularly from the perspective of the technology, economics, legal and project management disciplines.

## MODULES

### Year 1: Built Environment

#### Primary Knowledge Base

Built Environment Law, Sustainable Building Services 1, Economics for Construction & Property Specialists, Measurement & Mathematics, Construction Technology, IT & Communication Skills for Construction & Property Professionals, QS Practice (Digital Graphical Resources).

### Year 2: Specialist Quantity Surveying Skills

Measurement and Information Modelling, Cost Planning, Estimating and Tendering, Project Administration, Construction Law, Industrial & Commercial Building Construction Technology for Quantity Surveyors, Sustainable Building Services for Quantity Surveyors, Quantity Surveying Commercial Practice.

### Year 3: Active Learning in Quantity Surveying Work Placement

Active Learning Diary & Professional Competencies, Quantity Surveying Capstone Project, Research Proposal, Literature Review, Management Practice.  
*Note: The work placement year is recognised by the Society of Chartered Surveyors Ireland (SCSI) and the Royal Institution of Chartered Surveyors (RICS) as professional experience and can be used to reduce the period of post-graduate experience required by them for Quantity Surveyors wishing to become Chartered Professionals. See www.scsi.ie and www.rics.org.*

**CAO CODE:** LC243

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 17-23 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 294

## Year 4: Excellence in the Award Year in Quantity Surveying

Project Cost Management, Measurement (Mechanical & Electrical), Civil Engineering Technology and Measurement, Construction Law & Dispute Management, Economics of Renewable & Energy Efficient Technologies, Project Management for Quantity Surveying.

**Research Module:** Dissertation – in Quantity Surveying/Built Environment Economics & Management.

## WHAT CAN I DO AFTER THE PROGRAMME?

Job opportunities for graduates include: Quantity Surveyor, Development Manager, Project Monitor, Environmental Cost Manager, Project Manager, Employers Agent, Safety Co-Ordinator/Project Supervisor Design Stage. Graduates from the programme can also access a range of specialist Master of Science programmes in Quantity Surveying in LIT.

## **SOLAS** **Apprenticeships.**

at LIT Department  
of the Built  
Environment



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### **FURTHER INFORMATION**

All apprentices are scheduled for attendance by SOLAS by whom they are registered. All enquiries, therefore, should be made directly to SOLAS.

#### **SOLAS Limerick**

**Tel:** 061 487915

#### **SOLAS Dublin**

**Tel:** 01 6070500

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### **WHICH BUILT ENVIRONMENT APPRENTICESHIPS CAN I DO AT LIT?**

- Carpentry and Joinery
- Brick and Stonelaying

The purpose of these programmes is to supplement the training given onsite, through related Theory and Practice.

### **DURATION**

Approximately four years under the new apprenticeship scheme and is structured in seven distinct phases. Under this scheme, all apprentices attending Phases 4 and 6 will do so at a designated Institute scheduled by SOLAS.



# Department of Information Technology

Faculty of Applied Science,  
Engineering and Technology

**The Department of Information Technology  
at LIT (located in Limerick and Thurles)  
offers exciting, internationally  
recognised programmes.**

These programmes are in the field of Games Development, Data Analytics & Cyber Security, Software Development, Computer Networks and Systems Management, Internet Systems Development and Interactive Digital Media.

The suite of programmes in the Department of IT are designed to provide graduates with a broad knowledge of core aspects of computing including: hardware and software, data communication, information management, business, mathematics and interpersonal skills. The programmes at LIT are focused on practical skills development so that graduates can expect to take up employment in industries ranging from large multinational companies to small

or medium enterprises. Graduates also have the opportunity to pursue postgraduate research through a range of Research Centres within LIT.

The Department of IT is actively involved in the design, development and delivery of flexible learning programmes, in conjunction with industry partners.

We also offer fully-funded 12 month conversion HDip programmes for non-IT graduates in Software Development, and Creative Multimedia Programming (both these programmes include a work placement). Other flexible learning courses offered by the Department include: Mobile Application Development; Microsoft Office Specialist Certification; Cisco Certification; and Web Design.





**Laura Moore,**  
Bachelor of Science (Honours) in  
Internet Systems Development  
ACI Worldwide, Limerick



## Graduate Profile

"I work as a Software Engineer at ACI Worldwide in Limerick. I graduated from LIT in 2017 with an honours degree in Internet Systems Development.

At ACI, we deliver electronic banking and payment solutions for financial institutions worldwide. As a Software Engineer I work on designing, implementation, coding, testing and setting up environments for software. My favourite thing about working at ACI is probably the work culture. There's a great collaborative atmosphere because different project teams are always in constant communication with each other.

The Internet Systems Development degree course covers a wide range of areas from Java to scripting languages to web design. My role in ACI is very much based around what I learned while studying in LIT.

My favourite aspect of LIT life was the friendships that I made. I got to meet some wonderful people throughout my four years who I am still friends with to this day. LIT gave me the opportunity to pursue a career that I was really interested in."



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**Dean, Faculty Applied Science,  
Engineering & Technology**

Ms. Maria Kyne,  
B.E., M.Eng.Sc, H.Dip(Ed.),  
C.Eng, FIEI

**Head of Department of  
Information Technology**

Dr. Janice O'Connell

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**FURTHER INFORMATION**

Department of Information  
Technology  
Tel: 061 293864 (Limerick)  
0504 28253 (Thurles)

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC239</b>	<b>Computer Networks &amp; Systems Management</b> Bachelor of Science (Honours) Ab Initio	256
<b>LC414</b>	<b>Data Analytics &amp; Cyber Security</b> Bachelor of Science (Honours) in Computing Ab Initio – Thurles	258
<b>LC418</b>	<b>Games Design &amp; Development</b> Bachelor of Science (Honours) in Computing Ab Initio – Thurles	260
<b>LC234</b>	<b>Interactive Digital Media</b> Bachelor of Science (Honours) Ab Initio	262
<b>LC236</b>	<b>Internet Systems Development</b> Bachelor of Science (Honours) Ab Initio	264
<b>LC233</b>	<b>Software Development</b> Bachelor of Science (Honours) Ab Initio	270

### LEVEL 7 PROGRAMMES ON CAO

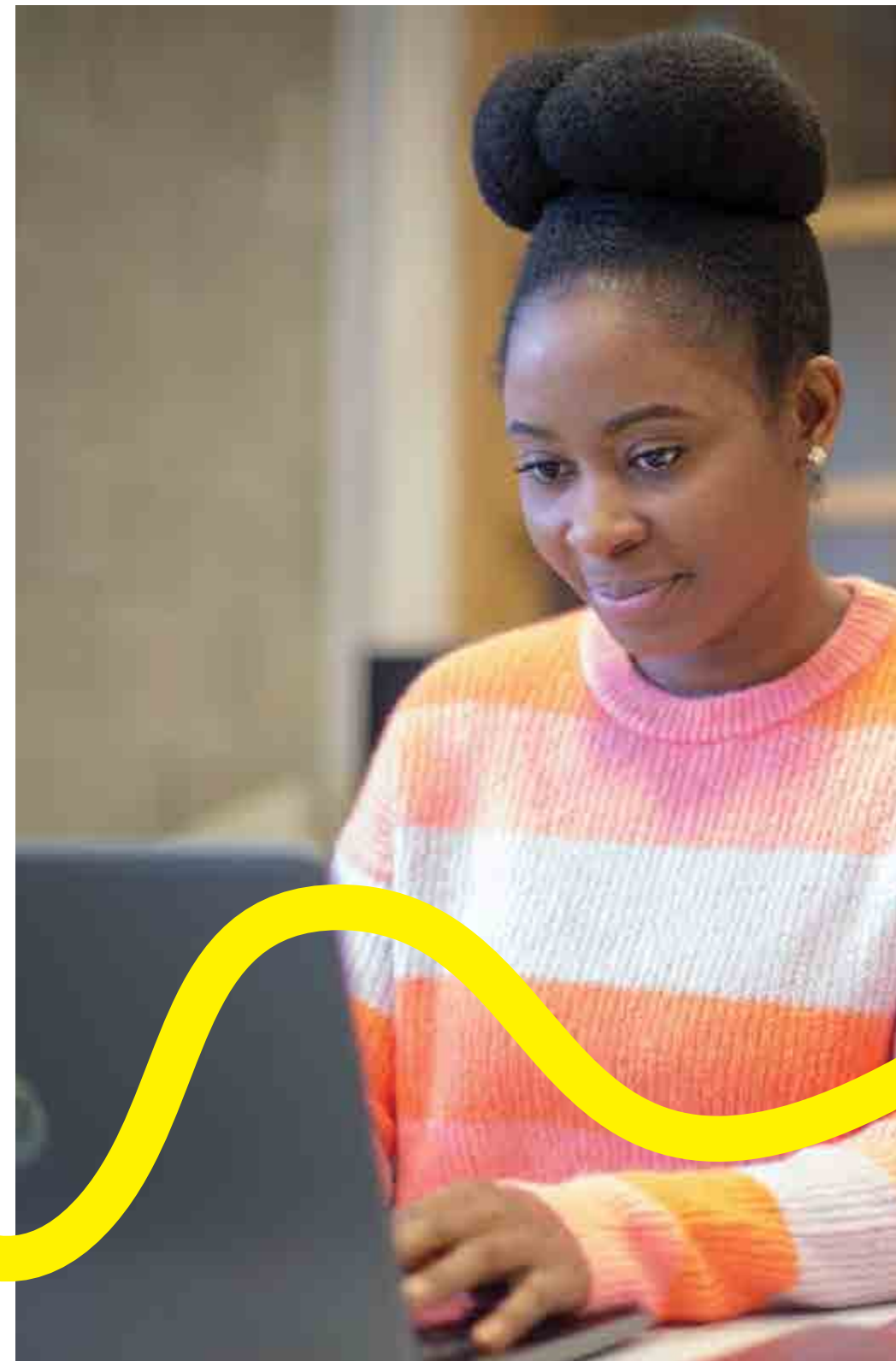
page

<b>LC235</b>	<b>Internet Systems Development</b> Bachelor of Science	266
<b>LC336</b>	<b>Computing</b> Bachelor of Science	268

## POSTGRADUATE PROGRAMMES

- **Software Development** – Higher Diploma in Computing (Level 8)
- **Applied Computer Networks** – Special Purpose Award (Level 9)
- **Computer Science for Teachers** – MSc in Computing (Level 9)
- **Computer Science for Teachers** – Postgraduate Diploma in Computing (Level 9)
- **Computer Science for Teachers** – Postgraduate Certificate in Computing (Level 9)
- **Coding & Computational Thinking** – Special Purpose Award (Level 9)
- **Coding for Embedded Systems** – Special Purpose Award (Level 9)
- **Research Opportunities in Information Technology** (Level 9 & 10)

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook. For further information, see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



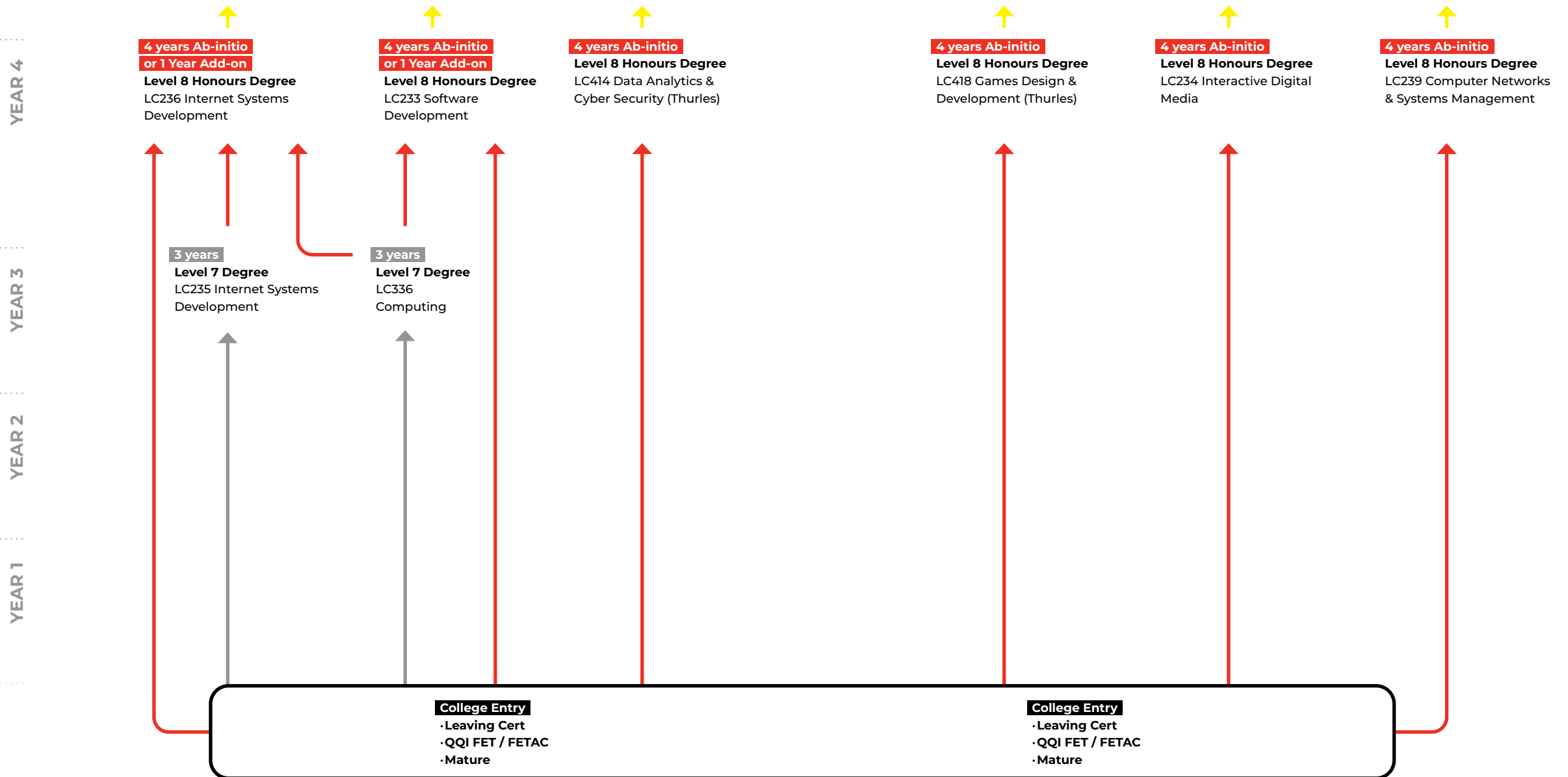
# Progression Opportunities

## Information Technology

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**

### Postgraduate Programmes (Level 9 & Level 10)



# Computer Networks & Systems Management.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Michael Winterburn,  
Programme Leader

**Tel:** 061 293844

**Email:** michael.winterburn@lit.ie

**Web:** [www.lit.ie/Courses/LC239](http://www.lit.ie/Courses/LC239)

## WHAT IS THE PROGRAMME ABOUT?

The amazing growth of the Internet, the emergence of 'the cloud' and the surge in the use of smart phones has changed the way we communicate all around the world. This new style of exchanging information is made possible by the countless computer networks that circle the globe in a web of information. This programme starts your networks career. You will build, secure and manage computer networks and systems to keep out hackers. Learn through hands on experience with Cisco CCNA, Windows, Linux, scripting, databases, virtual machines, VMware, Amazon AWS and the Cloud.

The programme also aims to provide students with a range of knowledge which will enhance their ability to fit rapidly into different workplace cultures, adapt to change and pursue additional postgraduate studies. Students will gain a foundation of technical knowledge, problem solving and logical thinking that gives them a competitive advantage in their career.

## WHO IS THE PROGRAMME SUITED TO?

This programme assumes no prior background in networks or systems so is suited to everyone with a general interest or aptitude in this area. Sometimes students who choose this programme will have built networks or configured servers at home, or at work, and want to learn more and gain a qualification in the subject.

## MODULES

**Year 1: Semester 1:** Introduction to Programming, Data Essentials, ICT & Applications, Introduction to Computer Networks, Computer Organisation and Architecture, Computer Mathematics.

**Semester 2:** Mathematical Methods, Structured Programming, Digital Systems Concepts, Communications & Applications, Understanding LANs, Operating Systems Fundamentals.

**Year 2: Semester 1:** Statistical Data Analysis, Web Development Fundamentals, Growing the LAN, Operating Systems Structures, Digital Systems Design, IT Customer Service.

**Semester 2:** SQL Essentials, Client Server Technologies, IP Systems, Operating Systems Scripting, Data Formats & Storage, Connecting the Internet.

**Year 3: September to February:** IT Project Management, Database Administration, Server and Storage Virtualisation, Server Administration, Group Project.

**March to September:** Work Placement.

**Year 4: Semester 1:** Final Year Project, Secure Cloud Services Deployment, Data Communications, IT Governance & Management, Cryptographic Techniques.

**CAO CODE:** LC239

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(with Work Placement in Year 3)

**CLASS HOURS:** 16-25 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 307

Electives: Information Systems Management, Digital Multimedia Design, Digital Forensics, Entrepreneurship.

**Semester 2:** Final Year Project, Data Centre Design, WAN Technologies, IT Services Management, Security & Cryptography.

**Electives:** Information Systems Strategy, Digital Multimedia - Usability and User Experience, Advanced Data Analytics, Software Defined Networks, Enterprise Development.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates with networking and systems skills are required by all IT departments in business including engineering, pharmaceutical, finance, telecommunications, business, entertainment and education. Job categories include: Network Administrator/Technician, IT Customer Support, IT Technical Support, Systems Administrator, Computer Network Engineer, Network Programmer/Analyst.

## Data Analytics & Cyber Security.

Bachelor of Science  
(Honours) in  
Computing  
*Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Dr. Liam Noonan,  
Programme Leader

**Tel:** 0504 28254

**Email:** liam.noonan@lit.ie

**Web:** [www.lit.ie/Courses/LC414](http://www.lit.ie/Courses/LC414)

### WHAT IS THE PROGRAMME ABOUT?

The programme aims to produce industry-ready graduates who are knowledgeable in the processes, practice and implementation of secure and scalable software that leverage data analytics. Graduates will be equipped with an in-depth knowledge of the critical aspects of data analytics and information security, including but not limited to software design and development, data mining, data visualization, distributed data systems, secure cloud services, and cyber security.

Students will explore a variety of computer languages, data mining and analysis techniques, security principles and models and will acquire the necessary knowledge to adapt to the changing nature of the industry throughout their careers.

Students will specify, design, develop and implement solutions in the Data Analytics, Information and Cyber Security domains. In addition to module specific projects, students will be required to complete two capstone projects under academic guidance; a team based project in year 3 of the programme and a substantial individual based project in year 4 of the programme.

### WHO IS THE PROGRAMME SUITED TO?

This programme is aimed at students who are interested in understanding data from the world around us and explore how they can make better decisions for industry, people, sports teams and communities. Students will also be interested in how we can store data securely on the cloud and prevent the information being accessed by unauthorised individuals.

This programme has been developed with local companies to target opportunities in the Software Services, Sports Performance Analysis, Financial services, Agri-food, Pharmaceutical and Manufacturing sectors.

### MODULES

**Year 1:** Interpersonal Skills, Web Development Fundamentals, Computer Organisation & Architecture, Computer Mathematics, Data Essentials, Introduction to Programming, Mathematical Methods, Operating Systems Fundamentals, Structured Programming, Structured Query Language Essentials, Responsive Design & Web Development, Introduction to Object Oriented Programming.

**Year 2:** Object Oriented Theory & Programming, Software Development, Discrete Mathematics, Fundamentals of Data Structures & Algorithms, Networking Fundamentals, Data Design & Programming, Game Design, Application Development, Internetworking, Problem Solving with Data Structures & Algorithms, Software Testing, Real Time Embedded Systems.

**Year 3:** Project and Group Dynamics, Software Security, Data Analytics & Visualisation, Algorithms & Artificial Intelligence, Enterprise Web Frameworks. **Students undertake a six-month Work Placement.**

**CAO CODE:** LC414

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 16-25 hours per week

**LOCATION:** Thurles Campus, Co. Tipperary

**CAO POINTS 2020:** 236

**Year 4:** Data Project, Network Services & Socket Programming, Software Project Management, Advanced Data Analytics, Computing & Modern Culture, Secure Cloud Deployment Services, Machine Learning, Distributed Data Systems, Deep learning & Neural Networks, Information Security Design & Management.

### WHAT CAN I DO AFTER THE PROGRAMME?

The skills learned on the programme can be used in a wide range of disciplines and graduates are in very high demand. Job categories include: Data Analyst, IT Security Architect/Analyst, Data Management Specialist, Machine Learning Data Scientist, Data Security Compliance Officer. Graduates may also pursue research studies within LIT working with researchers with expertise in the area.

# Games Design & Development.

Bachelor of Science  
(Honours) in  
Computing *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Eugene Kenny,  
Programme Leader

**Tel:** 0504 28259

**Email:** Eugene.Kenny@lit.ie

**Web:** [www.lit.ie/Courses/LC418](http://www.lit.ie/Courses/LC418)

## WHAT IS THE PROGRAMME ABOUT?

The programme aims to produce industry-ready graduates with all the skills, knowledge and experience required to successfully enter a career in the software industry with a focus on creating video games. Students will learn the techniques for analysis, design and development of games for diverse platforms including mobile, handheld consoles, personal and tablet computers, games consoles, interactive TV and online games in a variety of computer programming languages.

Students will produce game designs and implement these through a variety of game engines and frameworks using state of the art technology and specialised hardware. Our hardware facilities include Ireland's largest Xbox 360 Game laboratory and access to Playstation development kits. LIT is licenced for leading multi-platform game engines to enhance your learning experience.

LIT Thurles, a Digital Games Hub, is the home of Games Fleadh, one of Ireland's most important games programming festivals. Our Games Design alumni have worked on AAA titles such as StarCraft, Wolfenstein, Guitar Hero and Call of Duty.

Our campus enterprise centre facilitates and is host to game studios start-ups who are actively supported by Thurles Chamber Enterprise Centre business mentors.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those who are creative, analytical and logical and who are interested in computers and are passionate about game development. Creative and innovative minded people will be challenged in this programme to express their ideas and develop groundbreaking new game technologies.

## MODULES

**Year 1: Semester 1:** Interpersonal Skills, Web Development Fundamentals, Computer Organisation & Architecture, Computer Mathematics, Data Essentials, Introduction to Programming.

**Semester 2:** Mathematical Methods, Operating Systems Fundamentals, Structured Programming, Structured Query Language Essentials, Responsive Design & Web Development, Introduction to Object Oriented Programming.

**Year 2: Semester 1:** Object Oriented Theory & Programming, Software Development, Discrete Mathematics, Fundamentals of Data Structures & Algorithms, Networking Fundamentals, Data Design & Programming.

**Semester 2:** Game Design, Application Development, Internetworking, Problem Solving with Data Structures & Algorithms, Software Testing, Real Time Embedded Systems.

**Year 3: September - March:** Game Programming, Computer Graphics, Software Security, Statistics, Algorithms & Artificial Intelligence, Project and Group Dynamics.

**March - September:** Students undertake a six-month Work Placement.

**CAO CODE:** LC418

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 16-25 hours per week

**LOCATION:** Thurles Campus, Co. Tipperary

**CAO POINTS 2020:** 270

**Year 4: Semester 1:** Final Year Project, Programming Game Engines, Software Project Management, Games Physics, Network Services & Socket Programming, Data Analytics & Visualisation.

**Semester 2:** Computing & Modern Culture, Concurrent & Distributed Systems, Platform Game Development, Networked Games, Game AI.

## WHAT CAN I DO AFTER THE PROGRAMME?

The skills learned on the programme can be used in a wide range of disciplines and graduates are in very high demand. Job categories include: Game/Software Programmer, Game/Software Tester, Game/Software Designer. Graduates may also pursue research studies within LIT working with researchers with expertise in Gaming, Animation, Media, Entertainment and Software. You can also work with Games companies in the Thurles Chamber Enterprise Centre, located on the LIT Thurles campus.

# Interactive Digital Media.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Elizabeth Bourke,  
Programme Leader

**Tel:** 061 293330

**Email:** elizabeth.bourke@lit.ie

**Web:** [www.lit.ie/Courses/LC234](http://www.lit.ie/Courses/LC234)

**f** Multimedia.LIT

## WHAT IS THE PROGRAMME ABOUT?

This programme gives students the knowledge and skills to create interactive digital content, using text, sound, video, animation and graphics. Students develop creative and technical skillsets, through project work and work placement in industry. The programme builds strong marketable programming skills needed to implement digital media.

Students will learn to:

- Design creative interactive content to communicate with people in an engaging and exciting manner using text, sound, video, animation, graphics, and movement.
- Build Games, Apps, Websites, Animations, Video, Virtual Reality experiences, wearable technology and many other interactive applications.
- Work with various technology devices such as: OculusRift and Gear VR headsets, camcorders, 3D scanners, tablets, smartphones, wearable technology, augmented reality, games consoles, etc.
- Become a creative interface/interaction designer and a computer programmer.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those that have an interest in design, creative technologies, social media and gaming. It is suited to people who are creative, analytical and logical and who are interested in computers, information technology, design and like solving real life problems. Creative and innovative-minded people will be challenged in this programme to express their ideas and develop ground-breaking new interactive digital technologies and experiences.

## MODULES

**Year 1: Semester 1:** Digital Storytelling, Visual Design Practice, Web Development Fundamentals, Programming Fundamentals, ICT & Applications, Computer Mathematics.

**Semester 2:** Ludology & Game Play, User Interface Design Fundamentals, Operating Systems Fundamentals, Problem Solving & Programming, Communications & Applications, Mathematical Methods.

**Year 2: Semester 1:** User-Centred Design & Prototyping, Responsive Web Design, Data Essentials, Software Development, Introduction to OO Development, Networking Fundamentals.

**Semester 2:** Digital Video, Front End Development, Server Side Scripting, Software Testing, Advanced OO Development, Computer Mathematics.

**Year 3: September to March:** Digital Media Group Project, Project Management & Entrepreneurship, Interactive Design Practice, Enterprise Programming, Virtual & Augmented Reality.

**March to August:** Work Placement.

**Year 4: Semester 1:** Major Digital Media Project, Design Thinking, Enterprise Application Development, 3D Graphics & Imaging, Elective.

**CAO CODE:** LC234

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 17-25 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 225

**Semester 2:** Major Digital Media Project, Human Factors in HCI, Advanced Programming Concepts, Advanced Computer Graphics and Elective.

## WHAT CAN I DO AFTER THE PROGRAMME?

LIT digital media graduates work for companies such as Jaguar-Landrover, Johnson & Johnson, Icon, Salesforce, and Yahoo. Job categories for graduates include: Web Designer, Web Developer, Games Developer, User experience/User interface designer, Graphic Design. Successful graduates may also continue onto Level 9 Master's programmes, either taught or by research.

# Internet Systems Development.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Janice O'Connell,  
Programme Leader

**Tel:** 061 293288

**Email:** janice.oconnell@lit.ie

**Web:** [www.lit.ie/Courses/LC236](http://www.lit.ie/Courses/LC236)

## WHAT IS THE PROGRAMME ABOUT?

This degree programme provides students with the theoretical and practical skills necessary to design, build and maintain secure internet based systems. There is a strong practical emphasis on the languages, tools, techniques and methodologies required to build cloud based applications that people use to solve every day real world problems. The considerable practical emphasis on the programme allows for the smooth integration of graduates into the workplace.

The programme prepares students for a broad range of careers in the fast moving computing industry. Students will also develop the skills needed for semantic web services, to handle situations requiring representation and retrieval of knowledge. The underlying technologies and application architectures used by web enterprises are also addressed. A six-month work placement in Year 3 gives students the opportunity for further personal development in real world job situations.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those interested in how Internet based systems work, in

designing and building websites, and want to build their knowledge and technical capacity in this continually changing area. The programme will be suited to students seeking to establish a career in the technology sectors. This is particularly appealing given the job vacancies which exist in the ICT area currently.

## MODULES

**Year 1: Semester 1:** Web Development Fundamentals, Programming Fundamentals, Data Essentials, eBusiness & Security, ICT & Applications, Computer Mathematics.

**Semester 2:** Responsive Design & Web Development, Problem Solving & Programming Fundamentals, SQL Essentials, Operating Systems Fundamentals, Communications & Applications, Mathematical Models.

**Year 2: Semester 1:** Web Project (runs across both semesters in year 2), Web Techniques, Introduction to OO Programming, Databases for Projects, Software Development, Networking Fundamentals.

**Semester 2:** Web Project, Extended Web Techniques, Advanced OO Programming, User Interaction Design, Software Testing, Real Time Embedded Systems.

**Year 3: September to March:** Advanced Web Techniques, Concurrent Programming, Web Applications Architecture & Data Security, Data Structures & Algorithms, Software Engineering & Web Project.

**March to August:** Work Placement.

**Year 4: Semester 1:** Final Year Project (runs across both semesters in Final Year), Mobile Application Development, Secure Cloud Services Deployment, Web Analytics, Information Systems Management, Elective (Electives: Big Data Mining & Analysis, Reactive Systems, Evolving Web Technologies, Entrepreneurship, Digital Multimedia Design).

**CAO CODE:** LC236

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(including Work Placement in Year 3)

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 262

**Semester 2:** Final Year Project, Technology Futures & Connected Living, Enterprise Application Performance, Software Quality Engineering, Information Systems Strategy, Elective. (Electives: Data Visualisation, Human Factors in HCI, Machine Learning for Predictive Analytics, Advanced Mobile Application Development, Enterprise Development, Digital Multimedia Usability and User Experience).

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme equips students with the skills needed to gain employment as a Web Developer, Software Engineer, Cloud Architect, Mobile App/Games Developer, App/Games/Computer Programmer.

# Internet Systems Development.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Ita Kavanagh,  
Programme Leader

**Tel:** 061 293347

**Email:** ita.kavanagh@lit.ie

**Web:** [www.lit.ie/Courses/LC235](http://www.lit.ie/Courses/LC235)

## WHAT IS THE PROGRAMME ABOUT?

This three year degree programme provides students with the theoretical and practical skills necessary to design, build and maintain secure internet based systems. There is a strong practical emphasis on the languages, tools, techniques and methodologies required to build real world solutions in today's interconnected world.

Students will develop an understanding of current and emerging technologies and best business/industrial standards to equip them to meet the demands of an increasingly technological world. The programme will provide students with the professional, technical and project related capabilities applicable to the development of secure client-side and server-side Internet based systems and prepares students for a broad range of careers in the fast moving computing industry. On successful completion of this degree programme, there is a progression pathway available to enable students to enter the Level 8 B.Sc. (Hons.) in Internet Systems Development.

The work placement in Year 3 gives students the opportunity for further personal development in real world job situations.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to those interested in how Internet based systems work, in designing and building websites, and want to build their knowledge and technical capacity in this continually changing technology area. It will be suited to students seeking to establish a career in the technology sectors. This is particularly appealing given the job vacancies that exist in the ICT area currently.

## MODULES

**Year 1: Semester 1:** Web Development Fundamentals, Programming Fundamentals, Data Essentials, eBusiness & Security, ICT & Applications, Computer Mathematics.

**Semester 2:** Responsive Design & Web Development, Problem Solving & Programming Fundamentals, SQL Essentials, Operating Systems Fundamentals, Communications & Applications, Mathematical Models.

**Year 2: Semester 1:** Web Project (runs across both semesters in year 2), Web Techniques, Introduction to OO Programming, Databases for Projects, Software Development, Networking Fundamentals.

**Semester 2:** Web Project, Extended Web Techniques, Advanced OO Programming, User Interaction Design, Software Testing, Real Time Embedded Systems.

**Year 3: September to March:** Advanced Web Techniques, Concurrent Programming, Web Applications Architecture & Data Security, Data Structures & Algorithms, Software Engineering & Web Project.

**March to August:** Work Placement.

**CAO CODE:** LC235

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 21-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 205

## WHAT CAN I DO AFTER THE PROGRAMME?

Successful graduates may progress to the 8 Level B.Sc. (Honours) in Internet Systems Development.

Technology is ingrained in our work and personal lives with the Internet at the heart of everything we do. Careers in this field are full of young, motivated people with exciting, fresh, new ideas. The Internet is still an ever-changing technology area and it has expanded possibilities to live, work and build a career anywhere in the boundary-less new world we live in.

Job categories for graduates include: Web Developer, Software Engineer, Cloud Administrator, Database Administrator, App/Games Developer, Software Test & Quality Engineer, Digital Media Programmer.



# Computing.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Janice O'Connell,  
Programme Leader

**Tel:** 061 293288

**Email:** janice.oconnell@lit.ie

**Web:** [www.lit.ie/Courses/LC336](http://www.lit.ie/Courses/LC336)

## WHAT IS THE PROGRAMME ABOUT?

This three year programme prepares students for a broad range of exciting careers in the computing sector. It provides students with an opportunity to work with evolving technologies in a fast moving industry. Students will develop essential skills in computing which will open many career paths and options for further study. During the programme, students will learn how to design and build desktop and mobile apps, troubleshoot and fix computer hardware, use computers to work with and manage data, connect devices and make them work together.

Technology is used in all aspects of industry, retail and financial sectors. Whether you want to work in a large multinational company, a small indigenous Irish company or an innovative start-up, computing graduates are much sought after. The technology sector in Ireland is a vibrant one providing many opportunities for graduates. Companies such as Twitter, Facebook, eBay, PayPal and Google have chosen to locate in Ireland providing jobs across a wide variety of computing areas.

## WHO IS THE PROGRAMME SUITED TO?

This programme suits people who are analytical and logical and who are interested in computers and like solving real problems. It also suits people who are creative as the programme gives students the skills to express their ideas and concepts in a whole range of software technologies.

## MODULES

**Year 1: Semester 1:** Interpersonal Skills, Web Development Fundamentals, Computer Organisation & Architecture, Computer Mathematics, Data Essentials, Introduction to Programming.

**Semester 2:** Mathematical Methods, Operating Systems Fundamentals, Structured Programming, Structured Query Language Essentials, Responsive Design and Web Development, Introduction to Object Oriented Programming.

**Year 2: Semester 1:** Object Oriented Theory and Programming, Software Development, Discrete Mathematics, Fundamentals of Data Structures and Algorithms, Networking Fundamentals, Data Design and Programming.

**Semester 2:** Application Development, Internetworking, Data Driven Systems, Problem solving with Data Structures and Algorithms, Software Testing, Real Time Embedded Systems.

**Year 3: September-March:** Mobile Application Design & Development, Statistics, Algorithms & Artificial Intelligence, Software Security, Project & Group Dynamics

**March-September:** Work Placement.

**CAO CODE:** LC336

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years  
(with Work Placement in Year 3)

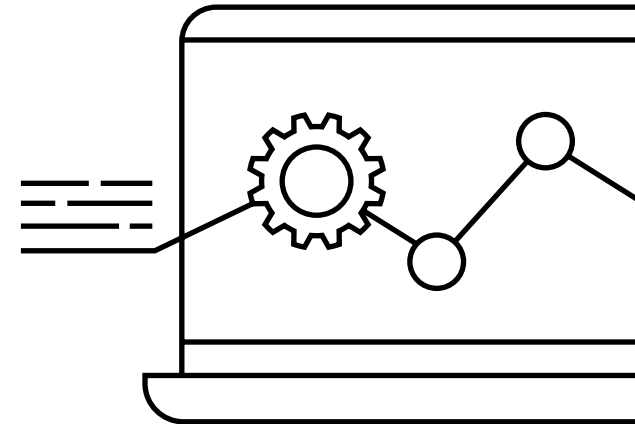
**CLASS HOURS:** 19-23 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 207

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can pursue further third level education including level 8 courses in computing and technology, including the Level 8 degrees in Software Development or Internet Systems Development at LIT.



# Software Development.

Bachelor of Science  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Brendan Watson,  
Programme Leader

**Tel:** 061 293330

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**Web:** [www.lit.ie/Courses/LC233](http://www.lit.ie/Courses/LC233)

**f** LitSoftDev

## WHAT IS THE PROGRAMME ABOUT?

This programme will equip students with the knowledge and skills to become professional software developers and have exciting, rewarding careers building software for web servers, smartphones, tablets, PCs and cloud. It provides students with the skills and knowledge to meet the needs of today's IT industry. Software is everywhere - on the Internet, on your mobile phone, on your games console, managing your bank account, and more. This programme focuses on Software Engineering and Software Development techniques (Object Orientation, Java, Web Development, C#, Mobile Apps, Cloud etc.)

With the mix of skills this programme provides, students will be ideally positioned to secure employment in either Open Source or .NET technology jobs as a: Software Engineer, Software Developer (Java, C#, .Net), Software Engineering/Modelling (UML, Junit, mockito, cucumber, GIT, Docker, Jenkins), Web Designer/Developer (DreamWeaver, CS5, PHP), Database Developer/Administrator (SQL Server, MySQL), Test Engineer, Games and Mobile App Developer (XNA, Android).

In addition, the six month paid work placement in Year 3 gives students an opportunity to apply the skills learned at LIT in a real working environment. This will provide students with valuable experience prior to full time employment on graduation. The programme leads to a comprehensive software development degree with a proven track record. Software is changing the world, be a part of this change!

## WHO IS THE PROGRAMME SUITED TO?

This programme suits people who are analytical and logical and who are interested in computers and like solving real problems. It also suits people who are creative as the programme gives students the skills to express their ideas and concepts in a whole range of software technologies.

## MODULES

**Year 1:** Modules include: Web Development Fundamentals, Computer Organisation & Architecture, Computer Mathematics, Data Essentials, Introduction to Programming, Operating System Fundamentals, Introduction to Object Oriented Programming.

**Year 2:** Modules include: Object Oriented Theory & Programming, Fundamentals of Data Structures & Algorithms, Networking Fundamentals, Data Design & Programming, Internetworking, Software Testing, Real Time Embedded Systems.

**Year 3: September to March:** Modules include: Computer Science, Secure Web Application Development, Object Modeling & Design, Team Software Development Project.

**March to September:** Work Placement.

**CAO CODE:** LC233

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years  
(with Work Placement in Year 3)

**CLASS HOURS:** 18-23 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 272

**Year 4:** Modules include: Final Year Project, Secure Cloud Services Deployment, Enterprise Application Development, Management Techniques for Software Engineering, Reactive Systems, Entrepreneurship, Security & Cryptography, Big Data Mining & Analysis, Machine Learning for Predictive Analysis, Software Quality Engineering, Digital Multimedia – Usability and User Experience, Data Visualisation.

## WHAT CAN I DO AFTER THE PROGRAMME?

Software Development is a key enabler and driver of innovation across a multitude of industries and there really is a need for graduates who are technically aware but who can also see the opportunities that the technology allows. Graduates work as Software Developers for: Ericsson, Microsoft, Cisco, Avvio, Jaguar Land Rover, Kerry Foods, OpenJaw Technologies, IBM Global Services, Deloitte, SAP.



CONNECTED



# Faculty of Business & Humanities

Welcome to the Faculty of Business & Humanities.

The Faculty of Business & Humanities is an innovative, dynamic and quality driven Faculty within the Limerick Institute of Technology. The Faculty thrives on offering its students the relevant supports, skills and competencies to equip them to deal with the challenges they will encounter in the workplace of their chosen discipline area.

The Faculty has over 2400 students and is organised into four academic departments:

- Department of Applied Social Sciences
- Department of Business and Financial Services
- Department of Marketing, Enterprise and Digital Communications
- Department of Sport, Leisure and Tourism

The Faculty offers programmes leading to qualifications at Level 6 (Higher Certificate), at Level 7 (Degree) add-on, at Level 8 (Honours Degree) (add-on and ab-initio) and at Level 9 (Taught and by Research).

A number of programmes delivered by the Faculty have recognition from professional bodies. Such recognition offers accreditation to graduates on completion of the respective programmes or enable graduates to claim significant exemptions from the examinations of the professional bodies.

All programmes in the Faculty of Business & Humanities provide a blend of theoretical knowledge and practical skills development facilitated through

active learning approaches. This is achieved through the combination of formal lectures, tutorials, group projects, presentations, case studies, educational visits, problem-based learning, work placements, stimulation activities and the use of highly regarded speakers from the professions and industry.

The Faculty is extremely proud of its students and their achievements, both academic and extracurricular. Our students regularly participate in a host of competitions, including Management Games, Ireland Skills, Knorr Student Chef of the Year, Irish Hospitality Institute Business Management Game and National Social Enterprise Awards. Some current students include male and female inter-county and provincial footballers, hurlers and camogie players, All-Ireland league and All-Ireland colleges' rugby players. Many students have spent time working on a voluntary basis in local primary schools or with local charities.

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#### **Dean, Faculty of Business & Humanities**

Mr. Donnacha McNamara,  
Dip IHM, B Comm, MBS, MMI

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#### **FURTHER INFORMATION**

The Faculty Office  
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0504 28180 (Thurles)  
Email: [BusinessandHumanities@lit.ie](mailto:BusinessandHumanities@lit.ie)

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# Department of Applied Social Sciences

Faculty of Business & Humanities

**The Department of Applied Social Sciences provides programmes for the social care sector, the early childhood education and care sector and community work.**

The social science programmes are delivered in three of LIT's campuses: Ennis, Moylish and Thurles. All undergraduate programmes offered by the Department of Applied Social Sciences require students to undertake placement during their course of study.

The Social Care Work programmes enable our graduates to be competent in the profession, including the provision of social care, protection, support, welfare, and advocacy for vulnerable or dependent individuals or groups. The programmes ensure holistically developed professionals who are prepared to work in a range of social care settings. These settings include those with learning disabilities, those engaging with probation services, the homeless, children in residential care, or those who are vulnerable, at risk and are in need of support. The Social Care

Work programmes furnish graduates with the relevant knowledge, skills and personal development to support those who experience marginalisation, disadvantage or special needs, through professional care and enabling vulnerable individuals or groups to optimise their personal and social development.

The Early Childhood Education and Care programmes are designed to enable graduates to be professionally competent early years educators in a range of early years settings. This includes the holistic development of a child's social, emotional, cognitive and physical needs in order to build a solid and broad foundation for lifelong learning and wellbeing, as defined by UNESCO. The programme reflects the recent regulatory and policy developments in this sector, which have brought important new expectations, understandings and incentives to early childhood care and education providers.



Graduates of these programmes will appreciate the richness and breadth of learning models, the key concepts of learning environments and the importance of practical perspectives to young children's learning.

The Community and Addiction Studies programme in Moylish campus is designed to enable students to develop the skills and competencies to work in the voluntary sector, as well as in State providers of community development or social inclusion services. The graduates of this programme are furnished with the skills and competencies to work in community projects or initiatives which are addressing addiction, homelessness, cultural development and unemployment. The programme is grounded in the principles of empowerment, human rights, inclusion and social justice. Graduates of this programme will be furnished with the requisite knowledge and skills to work in and meaningfully engage communities affected by addiction, to support voluntary activity and to progress community projects.

#### Entry Requirements

A. There are a number of places on the BA Social Care Work course available to mature and non-CAO applicants. Selection for these places is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.

B. English Language Requirements: If an applicant's first language is not English, they will be required to provide certification of competence in English.

C. Recognition of Prior Learning: It should be noted that exemptions can be awarded only for achievement

of learning outcomes and not experiential learning.

- D. To ensure the protection of the public and justify public trust and confidence, LIT uses the Garda Vetting Unit (GCVU) service to assess the suitability of applicants to these programmes. Depending upon the outcome of the vetting process, the Institute reserves the following rights:
- To not register a student;
  - To remove an existing registered student;
  - To delay the student's placement modules on programmes

In all circumstances, it is the student's responsibility to proactively disclose any convictions or pending cases. The Institute reserves the right to inform any placement provider of any convictions or pending cases. LIT also offers a voluntary option to students to undertake a programme of Hep B vaccination if they so wish.

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#### Dean, Faculty of Business & Humanities

Mr. Donnacha McNamara,  
Dip IHM, B Comm, MBS, MMI

#### Head of Department of Applied Social Sciences

Dr. Carole Glynn

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#### FURTHER INFORMATION

Department of Applied Social Sciences

Tel: 061 293857 (Limerick)  
0504 28180 (Thurles)

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**Aishling Reale,**  
Social Care Work



## Student Profile

"I chose to study Social Care Work at LIT because I had been volunteering with the Limerick Youth Service for seven years and realised I wanted to make a career out of this kind of work. The course has loads of different subjects and they are all very interesting in their own individual way.

My first visit to LIT was during one of the Open Days and my initial impression of the college was very positive. I really enjoyed speaking to the people there and knew straight away that I would love LIT. My favourite thing about studying

at LIT is definitely the support we receive from lecturers and from Student Support Services. If you're struggling in any way or need help with some difficult subjects you can always ask for help.

My advice to students would be to take everything in your stride and not to panic. There are plenty of ways to get to college if you do not get the points you want."

## UNDERGRADUATE PROGRAMMES

LEVEL 8 PROGRAMMES ON CAO		page
<b>LC297</b>	<b>Community and Addiction Studies</b> Bachelor of Arts (Honours) Ab Initio – Limerick	282
<b>LC393</b>	<b>Early Childhood Education and Care</b> Bachelor of Arts (Honours) Ab Initio – Limerick	284
<b>LC401</b>	<b>Early Childhood Education and Care</b> Bachelor of Arts (Honours) Ab Initio – Thurles	284
<b>LC613</b>	<b>Early Childhood Education and Care</b> Bachelor of Arts (Honours) Ab Initio – Ennis	284
<b>LC292</b>	<b>Social Care Work</b> Bachelor of Arts (Honours) Ab Initio – Limerick	288
<b>LC402</b>	<b>Social Care Work</b> Bachelor of Arts (Honours) Ab Initio – Thurles	288
<b>LC612</b>	<b>Social Care Work</b> Bachelor of Arts (Honours) Ab Initio – Ennis	288

LEVEL 7 PROGRAMMES ON CAO		page
<b>LC432</b>	<b>Early Childhood Education and Care</b> Bachelor of Arts – Thurles	286
<b>LC603</b>	<b>Early Childhood Education and Care</b> Bachelor of Arts – Ennis	286
<b>LC602</b>	<b>Social Care Work</b> Bachelor of Arts – Ennis	292

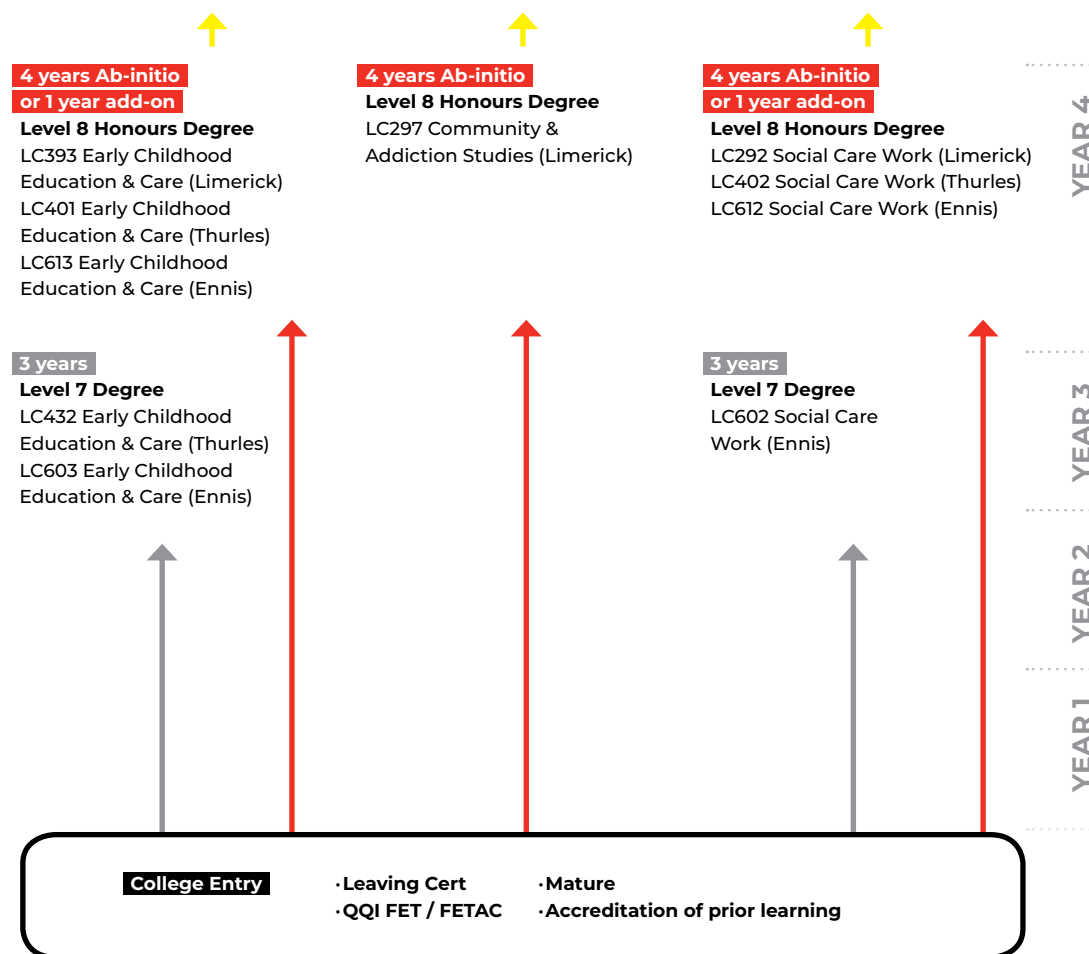
## POSTGRADUATE PROGRAMMES

- MA in Social Care Management
- MA by Research (within Social Sciences ConneXions research centre)
- MA in Leadership and Management in the Community and Voluntary sector

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)

## Progression Opportunities Applied Social Sciences

### Postgraduate Programmes (Level 9 & Level 10)



We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email [admissions@lit.ie](mailto:admissions@lit.ie) or go to [lit.ie/admissions](http://lit.ie/admissions)

# Community & Addiction Studies.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including English or Irish. Mathematics is not a subject requirement for this programme.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

Department of Applied Social Sciences

**Tel:** 061 293000

**Email:** [Businessandhumanities@lit.ie](mailto:Businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC297](http://www.lit.ie/Courses/LC297)

[AppSocScs\\_LIT](#)

## WHAT IS THE PROGRAMME ABOUT?

This programme has been designed in consultation with sectoral experts and employers, to ensure that content is relevant to community and addiction services in Ireland. Students on this programme will develop competencies and skills that will enable them to enter careers in community development and work with communities affected by addiction. This will include the social, economic and political issues affecting addiction, society and social groups; the role of development in addressing poverty, inequality and social exclusion; the impact of global processes on society and an understanding of the dynamic factors affecting addiction.

There is a very substantial practical and applied component to this programme, so students will develop the real skills and competencies required for the workplace. A practical placement in years two and three are a key element of the programme, which will allow students apply their learning in a real-life environment.

## Potential Applicants please note:

All applicants accepting a place on this programme will be required to obtain Garda Clearance prior to full registration on the programme.

## WHO IS THE PROGRAMME SUITED TO?

This programme will be of interest to students interested in working in the areas of community development, State agencies, the voluntary sector or in social inclusion.

## MODULES

**Year 1: Semester 1:** Introduction to community development; Foundations in addiction theory; Safeguarding vulnerable adults and child welfare; Introduction to youth work; Fundamentals of sociology; Digital literacy, research and writing skills.

**Semester 2:** Models of community work; Substance use and wellbeing; Introduction to groupwork and facilitation skills; Introduction to Social Policy; Reflective practice; Preparation for placement.

**Year 2: Semester 1:** Professional Placement (15 weeks/400 hours).

**Semester 2:** Applied models of community work; Social and cultural issues of addiction; Advanced groupwork and facilitation skills; Sociology of deviance and difference; Personal development; Project management.

**Year 3: Semester 1:** Designing community facilitation and practice; Principles of pharmacology, anatomy, and physiology in substance use; Core concepts in social policy; Professional resilience; Advanced research methods; Preparation for placement.

**Semester 2:** Professional Placement (15 weeks/400 hours).

CAO CODE: LC297

NEW  
PROGRAMME

PROGRAMME LEVEL: 8

DURATION: 4 years (including Work Placement in Years 2 and 3)

CLASS HOURS: 21 hours per week

LOCATION: Moylish Campus, Limerick

CAO POINTS 2020: New Programme

**Year 4: Semester 1:** Management in the community sector; Professional practice and policy development; Contemporary social policy; Case and information management; Interpersonal and group dynamics; Research and evaluation.

**Semester 2:** Current Issues in community work; Strategic planning; Evidenced based models of intervention; Contemporary sociological theory; Group facilitation; Research and evaluation.

## WHAT CAN I DO AFTER THE PROGRAMME?

There are significant opportunities for professional and career progression within the community, State and voluntary sectors. Graduates will be eligible to work in a wide variety of roles including: Community Development Worker/Coordinator, Community Youth Worker, Policy Worker, Social Researcher/Research Assistant, Group Worker/Facilitator. Typically graduates may work for Family Resource Centres, LEADER companies, An Garda Síochána, the HSE, TUSLA, section 38 public agencies, as well as section 39 voluntary agencies (as per the Health Act 2004).



## Early Childhood Education & Care.

Bachelor of Arts  
(Honours) *Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

Department of Applied Social Sciences

**Tel:** 061 293000 / 0504 28180

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[www.lit.ie/courses/LC401](http://www.lit.ie/courses/LC401)

[www.lit.ie/courses/LC613](http://www.lit.ie/courses/LC613)

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### WHAT IS THE PROGRAMME ABOUT?

The programme is designed to enable graduates to be professionally competent early years educators to children in their formative years. This includes the holistic development of a child's social, emotional, cognitive and physical needs in order to build a solid and broad foundation for lifelong learning and wellbeing, as defined by UNESCO.

The programme is practical and applied, supporting graduates to become professional, reflective practitioners with an integrated approach in early childhood education and care. Students will acquire skills in relevant areas, such as learning through play and creativity, children's development through art, literature and music, as well as psychology, sociology and social policy. A supervised work placement in years 2 and 3 in a variety of early years settings is a key element of the programme enabling students to learn from practice as well as theory.

The design and content of the programme has been guided by the policy and regulatory frameworks for this sector, such as Aistear, First Fives and the Professional Award Criteria and Guidelines. It is an innovative practice-led programme where students learn how to

combine theory and practice and to develop as reflective practitioners. An active learning environment is achieved through lectures, seminars, workshops and enquiry-based learning with children's learning materials.

**Placement Modules:** The programme includes two work placements that will bring students into direct contact with children. To ensure the protection of the public and justify public trust and confidence, LIT uses the Garda Central Vetting Unit (GCVU) service to assess the suitability of applicants.

### MODULES

**Year 1: Semester 1:** Introduction to play-based pedagogy; Child development; Child health, care and well-being; Child, family and community; Personal and professional development; Exploring curricula and theory.  
**Semester 2:** Developing creative play; Holistic development in early years; Introduction to inclusive practice; Safeguarding & child welfare; Curriculum and quality frameworks; Preparation for practice.

**Year 2: Semester 1:** Professional placement (15 weeks/400 hours).

**Semester 2:** Developing play-based pedagogy; Creating inclusive environments; Child, family and society; Professional development; Integrating curriculum and pedagogy; Language and numeracy for early years.

**Year 3: Semester 1:** Advanced creative play; Advanced child health, care and well-being; Transitions in early years; Introduction to research methods; Global perspectives on childhood; Professional development;

**Semester 2:** Professional Placement (15 weeks/400 hours).

**CAO CODE:** LC393 (Moylish, Limerick) / LC401 (Thurles) / LC613 (Ennis)

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years (including Work Placement in Years 2 and 3)

**CLASS HOURS:** Up to 21 hours per week

**LOCATION:** Moylish Campus Limerick, Thurles Campus, Co. Tipperary & Ennis Campus, Co. Clare

**CAO POINTS 2020:** 236 (Limerick) / 297 (Thurles) / 242 (Ennis)

**Year 4: Semester 1:** Advancing play through pedagogy; Professional development; Evaluating pedagogy & learning; STEAM in early years; Leadership in early years settings; Advanced research methods.

**Semester 2:** Child agency and participation in play; Leading professional practice; Families and community; Management and legal frameworks; The early years professional; Thesis.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates employment opportunities are as early childhood educators and managers of early years settings in both the private and community sectors. Graduates have also academically progressed through postgraduate studies in childcare and education, STEM in early years, equality studies, child and family legal studies, child and family community studies, applied behaviour analysis, and adult and community education.

## Early Childhood Education & Care.

Bachelor of Arts



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

Department of Applied Social Sciences

**Tel:** 061 293000 / 0504 28180

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**Web:** [www.lit.ie/courses/LC432](http://www.lit.ie/courses/LC432)

[www.lit.ie/courses/LC603](http://www.lit.ie/courses/LC603)

[Twitter](#) AppSocScs\_LIT

### WHAT IS THE PROGRAMME ABOUT?

The programme is designed to enable graduates to be professionally competent early years educators to children in their formative years. This includes the holistic development of a child's social, emotional, cognitive and physical needs in order to build a solid and broad foundation for lifelong learning and wellbeing, as defined by UNESCO.

The programme is practical and applied, supporting graduates to become professional, reflective practitioners with an integrated approach in early childhood education and care. Students will acquire skills in relevant areas, such as learning through play and creativity, children's development through art, literature and music, as well as psychology, sociology and social policy. A supervised work placement in years 2 and 3 in a variety of early years settings is a key element of the programme enabling students to learn from practice as well as theory.

The design and content of the programme has been guided by the policy and regulatory frameworks for this sector, such as Aistear, First Fives and the Professional Award Criteria and Guidelines. It is an innovative practice-led programme where students learn how to

combine theory and practice and to develop as reflective practitioners. An active learning environment is achieved through lectures, seminars, workshops and enquiry-based learning with children's learning materials.

**Placement Modules:** The programme includes two work placements that will bring students into direct contact with children. To ensure the protection of the public and justify public trust and confidence, LIT uses the Garda Central Vetting Unit (GCVU) service to assess the suitability of applicants.

### MODULES

**Year 1: Semester 1:** Introduction to play-based pedagogy; Child development; Child health, care and well-being; Child, family and community; Personal and professional development; Exploring curricula and theory.

**Semester 2:** Developing creative play; Holistic development in early years; Introduction to inclusive practice; Safeguarding & child welfare; Curriculum and quality frameworks; Preparation for practice.

**Year 2: Semester 1:** Professional placement (15 weeks/400 hours).

**Semester 2:** Developing play-based pedagogy; Creating inclusive environments; Child, family and society; Professional development; Integrating curriculum and pedagogy; Language and numeracy for early years.

**Year 3: Semester 1:** Advanced creative play; Advanced child health, care and well-being; Transitions in early years; Introduction to research methods; Global perspectives on childhood; Professional development;

**Semester 2:** Professional Placement (15 weeks/400 hours).

**CAO CODE:** LC432 (Thurles) / LC603 (Ennis)

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years (including Work Placement in Years 2 and 3)

**CLASS HOURS:** Up to 21 hours per week

**LOCATION:** Thurles Campus, Co. Tipperary & Ennis Campus, Co. Clare

**CAO POINTS 2020:** 144 (Thurles) / 147 (Ennis)

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates employment opportunities are as early childhood educators in early years settings, in both the private and community sectors.

Graduates can also progress to a one year, add-on Level 8 Honours degree in Early Childhood Education & Care at LIT.

## Social Care Work.

Bachelor of Arts  
(Honours) *Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

For applications to Social Care Work programmes from:

- QQI applicants
- Mature applicants
- International applicants
- Transfer applicants

It should be noted that selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.

**Note:** *Transfer applications by successful applicants from other compatible programmes will be considered strictly on a case by case basis. (Please see our Advanced entry section on our Website)*

### FURTHER INFORMATION

Department of Applied Social Sciences

**Tel:** 061 293000 / 0504 28180

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**Web:** [www.lit.ie/Courses/LC292](http://www.lit.ie/Courses/LC292)

[www.lit.ie/courses/LC402](http://www.lit.ie/courses/LC402)

[www.lit.ie/courses/LC612](http://www.lit.ie/courses/LC612)

### WHAT IS THE PROGRAMME ABOUT?

This programme emphasises the professional and personal development required to work in this challenging field. Social Care Work is the professional provision of care, protection, support, welfare and advocacy for vulnerable or dependent people individually or in groups. As an applied profession, this programme requires students to undertake two episodes of professional placement. Typically, a social care worker is employed working with those who have physical or learning difficulties, disabilities, young people at risk, children who have been neglected or abused, family support services, addiction services, homeless services, elderly people, and in settings as diverse as residential care, day care, and community based services. Graduates find employment opportunities with the HSE, TUSLA, statutory and voluntary organisations and community-based agencies.

### WHO IS THE PROGRAMME SUITED TO?

This programme aims to prepare skilled and professionally competent graduates to work in a variety of social care settings and to facilitate students in acquiring the relevant knowledge and skills to engage in professional reflective practice. The qualities needed to become a good social care worker include empathy, patience, resilience, optimism and a motivation to work with and support the most deprived and marginalised groups in society.

**CAO CODE:** LC292 (Limerick) /  
LC402 (Thurles) / LC612 (Ennis)

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years (including Work  
Placement in Years 2 and 3)

**CLASS HOURS:** Up to 21 hours per week

**LOCATION:** Moylish Campus Limerick,  
Thurles Campus, Co. Tipperary &  
Ennis Campus, Co. Clare

**CAO POINTS 2020:** 367 (Limerick) /  
225 (Thurles) / 320 (Ennis)

### Programme requirements:

(Please see entry requirements section on the LIT website for further details)

- English Language Requirements: If an applicant's first language is not English, they will be required to provide certification of competence in English.
- All social care work applicants are subject to Garda Vetting
- There are mandatory attendance requirements for modules in this programme
- All students are required to sign the LIT Fitness to Practice and Fitness to Study policies during programme induction, and adhere to these policies during their course of study at LIT.

## MODULES

**Year 1: Semester 1:** Digital Literacy, Research & Writing Skills; Teamwork & Communication in Practice Settings; Introduction to Social Care Policy, Provision & Practice; Personal Development for Social Care Practice: Beginning Experiential Group Work; Health, Advocacy, Equality & Safety in Social Care Practice 1, Introduction to Sociology.

**Semester 2:** Safeguarding Vulnerable Adults & Child Protection; Personal Development for Social Care Work – Exploring Personal Identity; Health, Safety & Risk in Social Care Practice 2; Psychology, Identity & Development; Sociology & Diversity in a Policy Context; Introduction to Creative Studies & Recreational Skills.

**Year 2: Semester 1:** Assessment, Intervention & Challenging Behaviour; Social Psychology: Interactions & Groups; Key Issues in Contemporary Sociology; Personal Development for Social Care Practice: Understanding Families, Groups & Teams; Introduction to Child & Family Law.

**Semester 2:** Practice Education Placement 1.

**Year 3: Semester 1:** Practice Education Placement 2.

**Semester 2:** Law & Social Care Regulation; Research Methods; Professional Development: The Reflective Practitioner; Ethics & Leadership for Social Care Practice; Social Policy: Theory & Practice; Personal Development for Social Care Practice: Managing Health & Well Being.

**Year 4: Year-long modules:** Advancing Social Care Practice: Disability Studies; Working with Older People; Housing & Homelessness; Social Care in Practice: Advanced Working with Vulnerable Young People; Research & Evaluation; Advancing Social Care Practice: Residential Child Care.

**Semester 1:** Advancing Theories of Psychology in Practice: Examining Therapeutic Interventions; Management for Quality Social Care Practice; Sociology in Practice; Personal Development for Social Care Practice – Assertiveness.

**Semester 2:** Advancing Theories of Psychology in Practice: Approaches to Mental Health; Approaches to Challenging Behaviour; Social Policy: Critical Debates in Social Care; Personal Development: Advanced Group Work Skills for Social Care Practice; Advanced Legal Studies; Approaches to Addiction.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, job opportunities for graduates include: Social Care Worker, Community Project Worker, Family Support Worker. Graduate employment opportunities are with the HSE, TUSLA, youth and community services, section 38 public agencies, as well as section 39 voluntary agencies (as per the Health Act 2004).



# Social Care Work.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

For applications to Social Care Work programmes from:

- QQI applicants
- Mature applicants
- International applicants
- Transfer applicants

It should be noted that selection is by way of a competitive interview process, which is informed by equality legislation and equal opportunities.

**Note:** *Transfer applications by successful applicants from other comparable programmes will be considered strictly on a case by case basis (see advanced entry requirements on our Website).*

## FURTHER INFORMATION

Department of Applied Social Sciences

**Tel:** 061 293000

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC602](http://www.lit.ie/Courses/LC602)

## WHAT IS THE PROGRAMME ABOUT?

This programme emphasises the professional and personal development required to work in this challenging field. Social Care Work is the professional provision of care, protection, support, welfare and advocacy for vulnerable or dependent people individually or in groups. As an applied profession, this programme requires students to undertake two episodes of professional placement.

Typically, a social care worker is employed working with those who have physical or learning difficulties, disabilities, young people at risk, children who have been neglected or abused, family support services, addiction services, homeless services, elderly people, and in settings as diverse as residential care, day care, and community based services. Graduates find employment opportunities with the HSE, TUSLA, statutory and voluntary organisations and community-based agencies.

## WHO IS THE PROGRAMME SUITED TO?

This programme aims to prepare skilled and professionally competent graduates to work in a variety of social care settings and to facilitate students in acquiring the relevant knowledge and skills to engage in professional reflective practice. The qualities needed to become a good social care worker include empathy, patience, resilience, optimism and a motivation to work with and support the most deprived and marginalised groups in society.

### Programme requirements:

(Please see entry requirements section on the LIT website for further details)

- English Language Requirements: If an applicant's first language is not English, they will be required to provide certification of competence in English.
- All social care work applicants are subject to Garda Vetting
- There are mandatory attendance requirements for modules in this programme
- All students are required to sign the LIT Fitness to Practice and Fitness to Study policies during programme induction, and adhere to these policies during their course of study at LIT.

## MODULES

**Year 1: Semester 1:** Digital Literacy, Research & Writing Skills; Teamwork & Communication in Practice Settings; Introduction to Social Care Policy, Provision & Practice; Personal Development for Social Care Practice: Beginning Experiential Group Work; Health, Advocacy, Equality & Safety in Social Care Practice 1, Introduction to Sociology.

**Semester 2:** Safeguarding Vulnerable Adults & Child Protection; Personal Development for Social Care Work – Exploring Personal Identity; Health, Safety & Risk in Social Care Practice 2; Psychology, Identity & Development; Sociology & Diversity in a Policy Context; Introduction to Creative Studies & Recreational Skills.

**CAO CODE:** LC602

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years (including Work Placements in Years 2 and 3)

**CLASS HOURS:** Up to 21 hours per week

**LOCATION:** Ennis Campus, Co. Clare

**CAO POINTS 2020:** 260

**Year 2: Semester 1:** Assessment, Intervention & Challenging Behaviour; Social Psychology: Interactions & Groups; Key Issues in Contemporary Sociology; Personal Development for Social Care Practice: Understanding Families, Groups & Teams; Introduction to Child & Family Law.  
**Semester 2:** Practice Education Placement 1.

**Year 3: Semester 1:** Practice Education Placement 2.  
**Semester 2:** Law & Social Care Regulation; Research Methods; Professional Development: The Reflective Practitioner; Ethics & Leadership for Social Care Practice; Social Policy: Theory & Practice; Personal Development for Social Care Practice: Managing Health & Well Being.

## WHAT CAN I DO AFTER THE PROGRAMME?

Job opportunities for graduates include positions as: Social Care Worker, Community Project Worker, Family Support Worker.

Graduates can also progress to the Level 8 honours degree in Social Care Work at LIT.

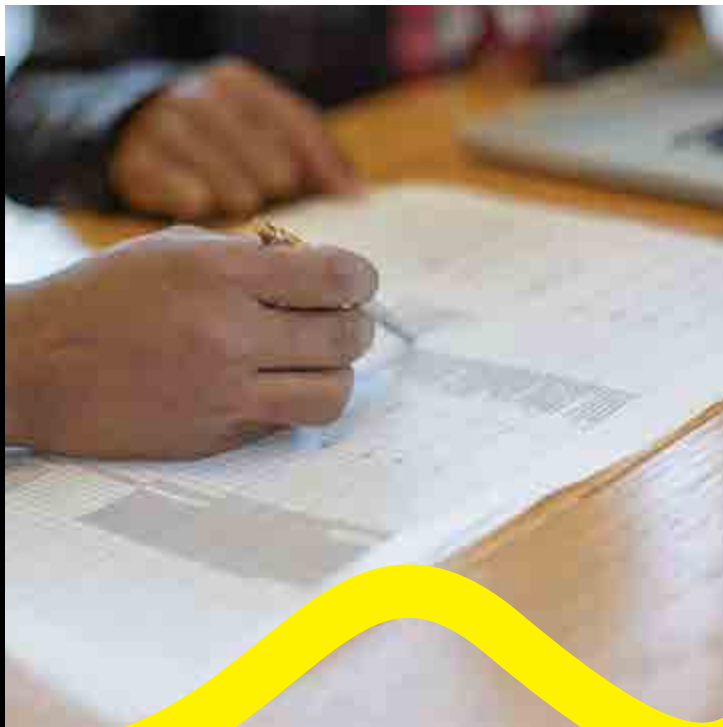
# Department of Business & Financial Services

Faculty of Business  
& Humanities

**The Department of Business and Financial Services is dedicated to providing you with the relevant knowledge, skills and competencies to deal with the real-world challenges you will face in the world of business.**

We offer programmes leading to qualifications in Accounting & Finance, Business, Law & Taxation, and Business with Computing. All of these programmes also provide a solid foundation if you wish to pursue further study at a professional level, including examination exemptions with a number of professional bodies. We are extremely proud of our students and their long track record of achievements, both academic, extracurricular and in the world of business upon graduation.





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**Dean, Faculty of Business  
& Humanities**

Mr. Donnacha McNamara,  
Dip IHM, B Comm, MBS, MMI

**Head of Department of  
Business & Financial Services**

Mr. James Collins, B.Comm, F.C.A.

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**FURTHER INFORMATION**

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businessandhumanities@lit.ie

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**Grace Reddan,**  
Bachelor of Business  
(Honours) in Law & Taxation



## Graduate Profile

Grace Reddan, a recent graduate of Law and Taxation at LIT successfully completed a placement on the Chief Justice's Summer Placement Programme for Law students. This programme consisted of lectures, Q&As and workshops featuring members of the judiciary and leading members of the legal profession. A key feature of the programme was that participants received an assignment with a member of the judiciary. Grace was assigned to a judge in the Criminal Courts of Justice and noted that "It was an honour to meet with a judge one on one and to get the opportunity to sit in on hearings."

"Due to Covid-19, the programme ran remotely with the majority of the activities taking place through Zoom meetings. However, I was invited to attend the Criminal Court of Justice as measures were in place to allow for attendees and I had the opportunity to sit in on all cases taking place in the Criminal Court of Justice throughout the two weeks, varying from bail hearings to sentencing. It was a great opportunity to see the inner workings of law and engage with such high profile legal professionals. Before taking part in

the programme, I had chosen to do a Masters in Law but I didn't have any plan on what to do next. Following on from the programme, I have now decided I want to work within the courts and I finally have a career plan in place. There is a buzz around the courts, albeit on a scaled back basis due to Covid-19, and I am keen to get back to sitting in on court cases as soon as possible."

"The whole experience was extremely worthwhile. It cemented my desire to follow a career in law and it was great to see law from the practice side. Everyone I met was very open and welcoming and willing to chat to me. I am very grateful to LIT and the Court Services for providing the opportunity. I would really recommend this programme to all law students as it is invaluable. I thoroughly enjoyed my experience and hope to be back in a professional capacity."

Grace is now pursuing a Masters in Law whilst also prepping for the professional entrance exams with a view to practising law in the future.

## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC224</b>	<b>Accounting &amp; Finance</b> Bachelor of Business (Honours) Ab Initio – Limerick	302
<b>LC320</b>	<b>Business</b> Bachelor of Business (Honours) Ab Initio – Limerick	310
<b>LC416</b>	<b>Business</b> Bachelor of Business (Honours) Ab Initio – Thurles	310
<b>LC330</b>	<b>Business with Computing</b> Bachelor of Business (Honours) Ab Initio – Limerick	314
<b>LC223</b>	<b>Law &amp; Taxation</b> Bachelor of Business (Honours) Ab Initio – Limerick	318

### LEVEL 6 & LEVEL 7 PROGRAMMES ON CAO

page

<b>LC221</b>	<b>Accounting &amp; Finance</b> Higher Certificate in Business – Limerick	304
<b>LC415</b>	<b>Business</b> Bachelor of Business – Thurles	312
<b>LC605</b>	<b>Business</b> Bachelor of Business – Ennis	312
<b>LC230</b>	<b>Business with Computing</b> Bachelor of Business – Limerick	316

### ADD-ON PROGRAMMES

<b>ADD-ON</b>	<b>Accounting &amp; Finance</b> Bachelor of Business – Limerick	306
<b>ADD-ON</b>	<b>Accounting &amp; Finance</b> Bachelor of Business (Honours) – Limerick	308

### POSTGRADUATE PROGRAMMES

- Higher Diploma in Digital Marketing (Level 8)
- Higher Diploma in Business with Sales Performance & Business Development (Level 8)
- Higher Diploma in International Business (Level 8)
- Higher Diploma in Business Management (Level 8)
- Higher Diploma in People Management (Level 8)
- MSc in Data Analytics (Level 9)
- MSc in International Business (Level 9)
- MSc in Digital Marketing (Level 9)
- Master of Business in Marketing & Management Strategy (Level 9)
- Master of Business by Research (Level 9)
- Research Opportunities in Business (Level 9)

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



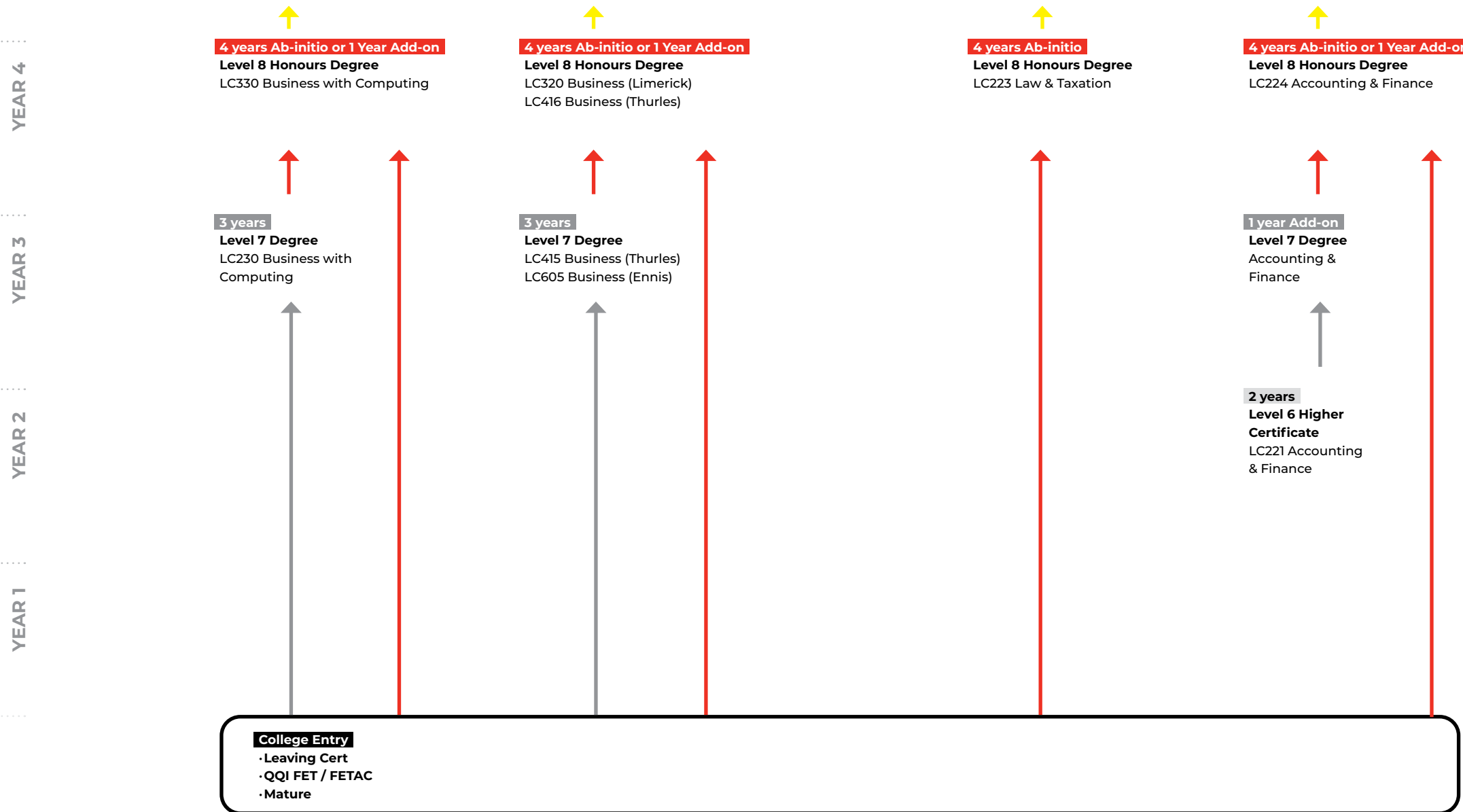


# Progression Opportunities

## Business and Financial Services

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you. Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**.

### Postgraduate Programmes (Level 9 & Level 10)



## Accounting & Finance.

Bachelor of Business  
(Honours) *Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Mr. Michael Sheehan,  
Programme Leader

**Tel:** 061 293329

**Email:** michael.sheehan@lit.ie

**Web:** www.lit.ie/Courses/LC224

### WHAT IS THE PROGRAMME ABOUT?

This programme is structured to address many of the competence requirements of professional Accountancy bodies and to give students a range of learning experiences tailored to careers in Accounting and Finance. Its practical focus ensures that on completion you will be a work-ready graduate with employment opportunities in professional accounting practice, commerce, industry, government, the not-for-profit sector and secondary school teaching. Along with the development of your accountancy and finance knowledge, there is a strong focus on developing your management skills to ensure that when you graduate you have the high-level transferable skills that employers are seeking. This programme assumes no previous knowledge of accounting, finance or economics.

The programme is recognised by leading professional accountancy bodies including: CAI, ACCA, CIMA and CPA. It has also been recognised by the Teaching Council as fulfilling its degree requirement for registration as a post-primary teacher, subject to the complete programme of study being undertaken at

LIT (Moylish). As with any other degree, a teaching qualification such as the Professional Master of Education (PME) is also required.

### WHO IS THE PROGRAMME SUITED TO?

This programme will suit students who can commit to a full four-year programme of study. It is suitable for those who have an interest in the financial aspects of business, enjoy working with numbers and people, have good communication skills and enjoy a challenge. It will provide you with the skills and knowledge you need to launch your professional accountancy career with confidence, and to accumulate maximum exemptions from professional accountancy examinations.

### MODULES

**Year 1:** Financial Accounting, Cost Accounting, Economics, Entrepreneurship & Business Management, Business Computers and Communications, Quantitative Methods for Business.

**Year 2:** Financial Accounting 2, Management Accounting, Public Finance, Law and Business, IS/IT & Computerised Accounting, Marketing.

**Year 3:** Financial Accounting, Management Accounting & Operations Research, Taxation, Company Law, Auditing & Forensic Accounting, People Management Theory and Practice.

**Year 4:** Financial Reporting, Financial Management, Tax Planning, European Business & Commercial Law, Corporate Governance & Business Ethics, Strategic Management.

**CAO CODE:** LC224

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 300

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates have an excellent record of achieving training positions at leading firms such as PWC, Deloitte (DTTL), EY Ireland (Ernst & Young), Grant Thornton, BDO, Bank of Ireland, Ulster Bank, Revenue, BNY Mellon and Northern Trust among others.

Career opportunities include: Trainee Accountant, Trainee Tax Advisor, Auditor, Funds Analyst and general management opportunities across a range of organisations.

## Accounting & Finance.

Higher Certificate  
in Business



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Ms. Margaret O'Sullivan,  
Programme Leader

**Tel:** 061 293831

**Email:** margaret.osullivan@lit.ie

**Web:** www.lit.ie/Courses/LC221

### WHAT IS THE PROGRAMME ABOUT?

The Higher Certificate in Business in Accounting and Finance (Level 6) is both a qualification in its own right and a stepping-stone to the Level 7 Ordinary Degree programme in Accounting & Finance.

It is designed to equip students with a range of knowledge and practical skills, which will form the basis for commencing a career in an accounting-related function in business. This programme has a very practical focus and is ideal for students who prefer to 'learn by doing'. It is recognised by leading professional accountancy bodies including: CAI, ACCA, CIMA and CPA.

### WHO IS THE PROGRAMME SUITED TO?

This programme is suited to students who have an interest in the financial aspects of business but who would also like the benefits of a broad business education. It caters to a wide range of study needs. Whether you are considering a career in accountancy or finance, provide support services to professional service and financial services firms, or whether you

simply want to improve your knowledge of accounting, finance and business – this programme will give you everything you need to succeed. It assumes no prior knowledge of accounting, economics or finance.

### MODULES

**Year 1:** Financial Accounting, Cost Accounting, Economics, Entrepreneurship & Business Management, Business Computers and Communications, Quantitative Methods for Business.

**Year 2:** Financial Accounting 2, Management Accounting, Public Finance, Law and Business, IS/IT & Computerised Accounting, Marketing.

### WHAT CAN I DO AFTER THE PROGRAMME?

When you graduate from this programme you will have acquired a solid foundation in the basics of the finance function. As this programme combines business and accounting subjects, career opportunities for graduates are most likely to be in the accounting departments of organisations or in other business positions, where knowledge of accounting is a requirement or an asset. Typical roles you could expect

**CAO CODE:** LC221

**PROGRAMME LEVEL:** 6

**DURATION:** 2 years

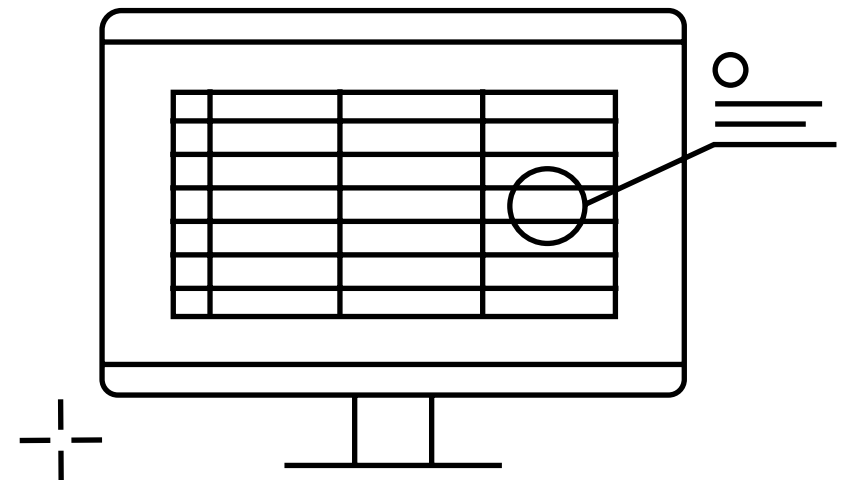
**CLASS HOURS:** 22-25 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 241

to secure include bookkeeper, payroll clerk, credit controller, purchase ledger clerk and assistant accountant. Graduates who continue their studies and gain suitable work experience can look forward to advancement to management positions.

On successful completion of this programme, you will qualify for entry onto the one-year add-on Level 7 Ordinary Degree programme in Accounting & Finance. Ultimately, if you are successful in the Level 7 programme you may progress to the Level 8 Honours Degree programme in Accounting & Finance. You may also be eligible for exemptions from the professional accountancy bodies.



## Accounting & Finance.

Bachelor of Business



### MINIMUM ENTRY REQUIREMENTS

1. A Higher Certificate (Level 6) in a relevant field.
2. An equivalent qualification to a Higher Certificate (Level 6) with appropriate pre-requisite subjects.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

### FURTHER INFORMATION

**Contact:** Mr. Michael Sheehan,  
Programme Leader

**Tel:** 061 293329

**Email:** michael.sheehan@lit.ie

**Web:** www.lit.ie/Courses/A7221

### WHAT IS THE PROGRAMME ABOUT?

This programme is a one-year add-on degree programme designed for students who wish to build on previous learning. It is both a qualification in its own right and a stepping-stone to the Level 8 (Honours) Degree in Accounting & Finance. It is designed for students who wish to pursue careers in professional accountancy, finance, management, banking and the financial services industry.

The programme offers students a contemporary approach to accounting and finance, focusing on the exploration of key practical and theoretical issues in accounting, auditing, management accounting, taxation, company law and people management. It also allows students to develop highly desirable transferable skills including analytical thinking and problem-solving skills as well as enabling them to think logically and quantitatively.

This degree programme is both professionally and managerially oriented and is recognised by leading professional accountancy bodies including: CAI, ACCA, CIMA and CPA.

### WHO IS THE PROGRAMME SUITED TO?

This programme is primarily designed for those **students who have a previous qualification in Accounting and Finance**, such as the Higher Certificate in Business in Accounting and Finance (Level 6) and/or other equivalent qualifications to a Higher Certificate (Level 6) with appropriate pre-requisite subjects. Holders of qualifications in Accounting such as IATI and CAT (ACCA) may also be considered for entry to this programme.

### MODULES

Financial Accounting, Management Accounting and Operations Research, Taxation, Company Law, Auditing and Forensic Accounting, People Management Theory and Practice.

### WHAT CAN I DO AFTER THE PROGRAMME?

Our graduates often choose to join an accountancy firm or large company to complete their accountancy training, while others use their expertise within financial services or branch out into more general management roles. If you wish to widen your focus to industry and commerce in areas such as banking, insurance and funds management this relevant and practical degree will put you to the forefront of employability.

Graduates will also have the opportunity to immediately progress to the Level 8 Honours Degree programme in Accounting & Finance offered at LIT (Moylish). Graduates, may, alternatively choose to pursue Professional Accountancy examinations. The list of exemptions is reviewed annually by the professional accountancy bodies and is

**CODE:** Add-on

**PROGRAMME LEVEL:** 7

**DURATION:** 1 Year add-on programme (following on from 2 Year Higher Certificate LC221)

**CLASS HOURS:** 22 hours per week

**LOCATION:** Moylish Campus, Limerick

subject to change, due to ongoing revisions to their professional syllabi. We continually seek to secure existing or corresponding exemptions but this cannot be guaranteed. You are therefore advised to refer regularly to the relevant professional accountancy body's website and to note that exemptions are awarded at their discretion.

## Accounting & Finance.

Bachelor of Business (Honours)



### MINIMUM ENTRY REQUIREMENTS

1. A pass in a relevant Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 40%.
2. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.

#### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

### FURTHER INFORMATION

**Contact:** Ms. Helen Chadda,  
Programme Leader

**Tel:** 061 293317

**Email:** helen.chadda@lit.ie

**Web:** www.lit.ie/Courses/A8221

### WHAT IS THE PROGRAMME ABOUT?

This one-year add-on honours degree programme is designed for students who wish to build on previous studies in accounting and finance. It will enable students to strengthen their understanding of how the finance sector really works, including, an awareness of the contexts in which it operates. It will further provide you with the skills and knowledge you need to launch your professional accountancy career with confidence and to accumulate maximum exemptions from professional examinations. Designed with employability in mind, the structure of this programme is both contemporary and applied and reflects the links we have established with professional bodies and with employers.

This programme is recognised by leading professional accountancy bodies including: CAI, ACCA, CIMA and CPA. The programme has also been recognised by the Teaching Council as fulfilling its degree requirement for registration as a post-primary teacher, subject to the complete programme of study being undertaken at LIT (Moylish). As with any other degree, a teaching qualification such as the Professional Master of Education (PME) is also required.

### WHO IS THE PROGRAMME SUITED TO?

This programme is primarily designed for **students who have a previous qualification in Accounting and Finance**, such as the Bachelor of Business in Accounting & Finance (Level 7) and/or other equivalent qualifications to the Bachelor of Business in Accounting & Finance (Level 7) with appropriate pre-requisite subjects.

### MODULES

Financial Reporting, Financial Management, Tax Planning, European Business & Commercial Law, Corporate Governance & Business Ethics, Strategic Management.

### WHAT CAN I DO AFTER THE PROGRAMME?

Graduates have an excellent record of achieving positions at leading firms such as PWC, Deloitte (DTTL), EY Ireland (Ernst & Young), Grant Thornton, BDO, Bank of Ireland, Ulster Bank, Revenue, BNY Mellon and Northern Trust among others. Career opportunities include: Trainee Accountant, Trainee Tax Advisor, Auditor, Funds Analyst and general management opportunities across a range of organisations.

This programme offers graduates a firm base either for taking the examinations of the main professional accountancy bodies or further academic study. The list of exemptions is reviewed annually by the professional accountancy bodies and is subject to change, due to ongoing revisions to their professional syllabi. We continually seek to secure existing or corresponding exemptions but this cannot be guaranteed. You are therefore advised to refer regularly to the relevant professional accountancy body's website and to note that exemptions are awarded at their discretion.

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 Year add-on programme (following on from Degree A7221)

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

## Business.

Bachelor of Business  
(Honours) *Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

Department of Business & Financial Services

**Tel:** 061 293857 / 0504 28015

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC320](http://www.lit.ie/Courses/LC320)

[www.lit.ie/Courses/LC416](http://www.lit.ie/Courses/LC416)

### WHAT IS THE PROGRAMME ABOUT?

Put simply, business really matters in the current challenging global economy. The role of business is to enable commerce and to make the world a better place for all – by creating wealth, jobs, prosperity and choices. Our Honours Degree in Business provides students with the depth and breadth of knowledge and skills to work effectively at operational and management level within a business environment in the public or private sector or as a self-employed individual.

Our Business programmes educate students in a broad range of business principles and functions, providing a solid understanding of the modern business world. Coupled with an opportunity to undertake a work placement at the end of second year means that, on graduation, our students are equipped with the necessary core knowledge and skills to contribute immediately and effectively to any organisation.

### WHO IS THE PROGRAMME SUITED TO?

This programme is suited to students who wish to develop business skills and competencies to work effectively in management, marketing or finance across a wide range of sectors (e.g. public, private, retail, banking, manufacturing). Students who wish to develop strong analytical, problem solving and entrepreneurial skills or to become self-employed will find this programme is well suited to them.

### MODULES\*

**Year 1:** Management Principles, Organisational Studies, Marketing Principles, Marketing Practice, Business Maths, Business Statistics, Fundamental Accounting, Accounting Principles, Communication Methods, Business Applications, Interpersonal Communication (E), Work & Society (E), Language & Culture (E).

**Year 2:** Integrated Marketing Communications, Microeconomics, Macroeconomics, Project Management, Human Resources Management, Buyer Behaviour (E), Business Law, Accounting for Costs, Accounting for Management Control (E), Management Information Systems, Professional & Personal Development & Career Planning, Language & Culture (E), Work Placement.

**Year 3:** Entrepreneurship, Venture Management, Selling & Relationship Management, International Business, Business Applications II, Operations Management, Organisational Behaviour, Services Marketing, Brand Management (E), Principles of Taxation, Company Financial Reporting (E), e-Commerce, Language & Culture (E).

**CAO CODE:** LC320 (Limerick), LC416 (Thurles)

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick & Thurles Campus, Co. Tipperary

**CAO POINTS 2020:** 346 (Limerick) / 274 (Thurles)

**Year 4:** Supply Chain Strategy, Research Project, Strategic Management Concepts, Strategic Management Practice, Strategic Marketing Concepts, Digital & Contemporary Marketing Practice, Marketing Research Practice (E), Marketing Analytics (E), Principles of Financial Management, Corporate Financial Management, Strategic Information Systems Planning, Commercial & Company Law, Language & Culture (E).

*(E) Denotes elective module.*

*\* The offering of electives is subject to available resources and minimum numbers.*

### WHAT CAN I DO AFTER THE PROGRAMME?

Employment opportunities for graduates include: Human Resources, Sales, Marketing, Management, Teaching (subject to postgraduate study), Accountancy, Banking and Financial Services.

## Business.

Bachelor of Business



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

Department of Business & Financial Services

**Tel:** 061 293857 / 0504 28015

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC415](http://www.lit.ie/Courses/LC415)

[www.lit.ie/Courses/LC605](http://www.lit.ie/Courses/LC605)

### WHAT IS THE PROGRAMME ABOUT?

Put simply, business really matters in the current challenging global economy. The role of business is to enable commerce and to make the world a better place for all – by creating wealth, jobs, prosperity and choices. Our Degree in Business provides students with the depth and breadth of knowledge and skills to work effectively at operational and management level within a business environment in the public or private sector or as a self-employed individual.

Our Business programmes educate students in a broad range of business principles and functions, providing a solid understanding of the modern business world. Coupled with an opportunity to undertake a work placement at the end of second year means that, on graduation, our students are equipped with the necessary core knowledge and skills to contribute immediately and effectively to any organisation.

### WHO IS THE PROGRAMME SUITED TO?

This programme is suited to students who wish to develop business skills and competencies to work effectively in management, marketing or finance across a wide range of sectors (e.g. public, private, retail, banking, manufacturing). Students who wish to develop strong analytical, problem solving and entrepreneurial skills or to become self-employed will find this programme is well suited to them.

### MODULES\*

**Year 1:** Management Principles, Organisational Studies, Marketing Principles, Marketing Practice, Business Maths, Business Statistics, Fundamental Accounting, Accounting Principles, Communication Methods, Business Applications, Interpersonal Communication (E), Work & Society (E), Language & Culture (E).

**Year 2:** Integrated Marketing Communications, Microeconomics, Macroeconomics, Project Management, Human Resources Management, Buyer Behaviour (E), Business Law, Accounting for Costs, Accounting for Management Control (E), Management Information Systems, Professional & Personal Development & Career Planning, Language & Culture (E), Work Placement.

**Year 3:** Entrepreneurship, Venture Management, Selling & Relationship Management, International Business, Business Applications II, Operations Management, Organisational Behaviour, Services Marketing, Brand Management (E), Principles of Taxation, Company Financial Reporting (E), e-Commerce, Language & Culture (E).

*(E) Denotes elective module.*

*\* The offering of electives is subject to available resources and minimum numbers.*

**CAO CODE:** LC415 (Thurles), LC605 (Ennis)

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 18-24 hours per week

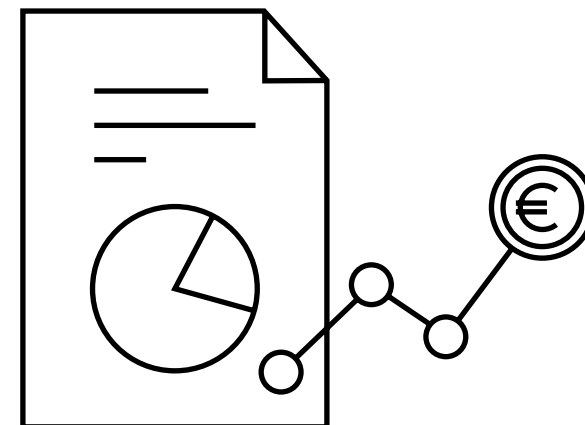
**LOCATION:** Thurles Campus, Co. Tipperary & Ennis Campus, Co. Clare

**CAO POINTS 2020:** 197 (Thurles) / 195 (Ennis)

### WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, graduates can progress to the Level 8 Honours Degree programme in Business at LIT.

Employment opportunities for graduates include: Human Resources, Sales, Marketing, Management, Teaching (subject to postgraduate study), Accountancy, Banking and Financial Services.



# Business with Computing.

Bachelor of Business  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

Department of Business & Financial Services

**Tel:** 061 293857

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC330](http://www.lit.ie/Courses/LC330)

## WHAT IS THE PROGRAMME ABOUT?

This Level 8 programme aims to produce graduates who have developed comprehensive analytical and rounded business skills, which blend perfectly to solve business problems using appropriate Computer Software solutions.

The fusion of Business with Computing allows students to achieve maximum learning and self-development. Students will advance their business information technology knowledge, experience and skills through extensive practical assignments and course work.

Computing and Technology are part of just about everything that touches our lives. Gaining a proficiency in the different dimensions of computing and business will provide graduates with the necessary skills to create a stable career. The programme also offers students an opportunity to gain Professional Computing Certification (Microsoft) as part of their studies, as well as a six-month work placement opportunity in Year 3.

## WHO IS THE PROGRAMME SUITED TO?

This programme will suit those who want to prepare for a career in business but who also want to learn more about business analytics, technology and management disciplines that are an essential part of today's business world.

## MODULES

**Year 1:** Financial Accounting, Business Law, Mathematics & Statistical Methods, Interpersonal Skills & Computer Applications, Business Programming, Business Databases.

**Year 2:** Management & Cost Accounting, Commercial Databases, Marketing, Economics, Extended Programming, Information Systems, Human Resources.

**Year 3:** Group Project, Data Analytics, Advanced Programming, Work Placement, plus two elective modules from the following: Customer Care & CRM, Financial Management, Enterprise Resource Planning, eCommerce and Digital Marketing.

**Year 4:** Final Year Project, Strategic Management, Software Architecture, Agile Development, Information Systems Management, Enterprise Software, Entrepreneurship, Software Testing, Law & Ethics, Enterprise Development.

**CAO CODE:** LC330

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 297

## WHAT CAN I DO AFTER THE PROGRAMME?

With a mix of skills offered on the programme, graduates have more versatility in the jobs available after graduation, including careers in Accounting, Project Management, Entrepreneurship, Recruitment, Programming, Data Analytics.

Jobs include eCommerce Coordinator, Fund Administrator, IT Software Analyst, Data Analyst, IT Sales/Technician, Marketing Manager, Programme Manager.



# Business with Computing.

Bachelor of Business



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

Department of Business & Financial Services

**Tel:** 061 293857

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC230](http://www.lit.ie/Courses/LC230)

## WHAT IS THE PROGRAMME ABOUT?

On successful completion of this programme, graduates have developed comprehensive analytical and rounded business skills that blend perfectly to solve business problems using appropriate Computer Software solutions.

The fusion of Business with Computing allows students to achieve maximum learning and self-development. Students will advance their business information technology knowledge, experience and skills through extensive practical assignments and coursework.

Computing and Technology are part of just about everything that touches our lives. Gaining a proficiency in the different dimensions of computing and business will provide graduates with the necessary skills to create a stable career in the 21st century.

## WHO IS THE PROGRAMME SUITED TO?

This programme will suit those who want to prepare for a career in business but who also want to learn more about business analytics, technology and management disciplines that are an essential part of today's business world.

## MODULES

**Year 1:** Financial Accounting, Business Law, Mathematics and Statistical Methods, Interpersonal Skills & Computer Applications, Business Programming, Business Databases.

**Year 2:** Management & Cost Accounting, Commercial Databases, Marketing, Economics, Extended Programming, Information Systems, Human Resources.

**Year 3:** Group Project, Data Analytics, Advanced Programming, Work Placement, plus two elective modules from the following: Customer Care & CRM, Financial Management, Enterprise Resource Planning, eCommerce & Digital Marketing.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of the programme can progress to the Level 8 Honours degree in Business with Computing at LIT.

With a mix of skills offered on the programme, graduates have more versatility in the jobs available after graduation. Graduates from this programme have chosen careers in Accounting, Project Management, Entrepreneurship, Recruitment, Programming, Data Analytics.

**CAO CODE:** LC230

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 22-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 217

## Law & Taxation.

Bachelor of Business  
(Honours) *Ab-Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Ms. Emma Dillane,  
Programme Leader

**Tel:** 061 293326

**Email:** emma.dillane@lit.ie

**Web:** www.lit.ie/Courses/LC223

### WHAT IS THE PROGRAMME ABOUT?

This programme will provide students with a full education in both law and taxation and present the many interrelationships between the two disciplines. It will also provide knowledge and understanding of essential business concepts. Taxation is taught from a practical applied viewpoint and as a branch of law with emphasis on legal principles. This degree is designed to reflect the increasing alignment of the law profession with the world of business.

This is the only combination degree in Law and Taxation in the mid-west region, which opens a world of opportunities to graduates. The programme has been awarded group 1 status from the Irish Taxation Institute. This entitles graduates to claim exemptions from all papers in Part 1 of the Institute's suite of examinations. This programme covers all subject areas to prepare graduates sitting entrance exams to the Law Society of Ireland. The programme has also been accepted by the Teaching Council as fulfilling its degree requirement for registration as a post-primary teacher, subject to the complete programme of study being undertaken at LIT (Moylish). As with any other degree, a teaching qualification such as the Professional Master of Education (PME) is also required.

### WHO IS THE PROGRAMME SUITED TO?

The degree combines two important aspects of the global economy, law and business, providing students with great flexibility in your future career. If you want to practice law, you can do so with a sound foundation in the principles of good business.

Alternatively, if you want to go into business you can do so with the thinking and analytical skills that come with a law degree. As a graduate, you will uniquely be equipped with a comprehensive range of relevant skills to assist you succeed in the legal, taxation and business fields.

### MODULES\*

**Year 1:** Legal Studies, Legal Systems & Communications, Constitutional Law – Fundamental Human Rights, Constitutional Law – Institutions of Government, Financial Accounting, Micro and Macro Economics, Business Mathematics, Income Tax, Insurance & Credit Law.

**Year 2:** Business Accounting Techniques, Employment Law with HRM, Capital Gains Tax, Corporation Tax, Contract Law, and Law of Tort.

**Year 3:** Company Law, European Union Law, CAT, VAT & Stamp Duty, Law of Equity & Trusts, Advanced Taxation & Statutory Interpretation, Administrative Law.

**Year 4:** Commercial Law, Taxation Management (elective), Real Property incl. Succession Law, International Taxation, Criminal Law, Family Law (elective), Law of Evidence (elective), Jurisprudence (elective).

\* The offering of electives is subject to available resources and minimum numbers.

**CAO CODE:** LC223

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-25 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 307

### WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, employment opportunities are available as Trainee Tax Advisor, Trainee Solicitor, Regulatory Body Staff, Insurance Claims Assessor, Law Clerk/Legal Researcher, HR Administrator, Teaching (on completion of the Professional Master of Education (PME)).



# Department of Marketing, Enterprise & Digital Communications

Faculty of Business  
& Humanities

**We are dedicated to providing students with the relevant, most up-to-date knowledge, skills and competencies to deal with the real world challenges they will face in the workplace.**

We offer programmes leading to qualifications in Digital Marketing, Enterprise and Innovation, and Marketing and Management at Higher Certificate, Degree and Honours Degree levels. All of these programmes also provide a solid foundation if you wish to pursue further study at professional level, including examination exemptions with a number of professional bodies. We are extremely proud of our students and their long track-record of achievements, both academic, extracurricular and in the world of business upon graduation.





## Graduate Profile



"I began my journey in LIT back in 2009 studying an undergraduate degree in Marketing and Management. This course introduced me to a wide array of business areas from marketing and branding, to mercantile law and accounting. The skills and knowledge that I gathered throughout this four-year course was astounding. Outside of learning about marketing and business management, LIT allowed me to develop communication, presentation and people skills. This was made possible through project work that required working with others and presenting a clear and concise summary of the work we had completed. To this day, these skills and learning experiences have stuck with me.

Upon graduating in 2013, I decided to progress my academic journey by enrolling to a taught Masters degree that LIT offer in Marketing and Management Strategy. Looking back, this was one of the best decisions that I had made in my career. The job landscape in 2013, and even more so today is fiercely competitive. The Masters course offered a profound opportunity to be prepared for the real world. This was done by working on business problems for real companies and with real business issues, who were kind enough to allow us to work with them. This is where the academia of the Masters programme mixed with the practical aspect, and the end result as a student was being as prepared as possible for entering the workforce.

I graduated from the Masters programme in 2014 and was immediately employed by Dell Technologies, where I still work to this day in their Logistics department. The opportunity to work in Dell arose during the Masters programme, when various companies made LIT aware of their graduate opportunities. The projects and people skills I developed in my five years at LIT, had prepared me for the interview process at Dell. The broad range of business areas covered, and the companies that I had collaborated with throughout the course meant that I had numerous examples and references to call upon.

During my time at Dell, I remained in contact with LIT due to the opportunities that they had offered me and knowledge I had gained there. Eager to learn more and advance my career further, I decided to start a PhD with LIT. All of the skills I have learned in college and continue to learn through my PhD, have allowed me to further my professional career. For this I will always be grateful."

**Kevin Koyce**, Bachelor of Business (Honours) in Marketing & Management  
Logistics Senior Advisor

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### Dean, Faculty of Business & Humanities

Mr. Donnacha McNamara,  
Dip IHM, B Comm, MBS, MMI

### Head of Department of Marketing, Enterprise & Digital Communications

Dr. James Griffin

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### FURTHER INFORMATION

Department of Marketing,  
Enterprise & Digital  
Communications

Tel: 061 293857

Email:

[businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

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## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

page

<b>LC220</b>	<b>Digital Marketing</b> Bachelor of Business (Honours) Ab Initio	326
<b>LC226</b>	<b>Enterprise &amp; Innovation</b> Bachelor of Business (Honours) Ab Initio	328
<b>LC225</b>	<b>Marketing &amp; Management</b> Bachelor of Business (Honours) Ab Initio	332

### LEVEL 7 PROGRAMMES ON CAO

page

<b>LC322</b>	<b>Enterprise &amp; Innovation</b> Bachelor of Business	330
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### LEVEL 6 PROGRAMMES ON CAO

page

<b>LC222</b>	<b>Marketing &amp; Management</b> Higher Certificate in Business	334
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### ADD-ON PROGRAMMES

<b>ADD-ON</b>	<b>Marketing &amp; Management</b> Bachelor of Business	336
<b>ADD-ON</b>	<b>Marketing &amp; Management</b> Bachelor of Business (Honours)	338

### POSTGRADUATE PROGRAMMES

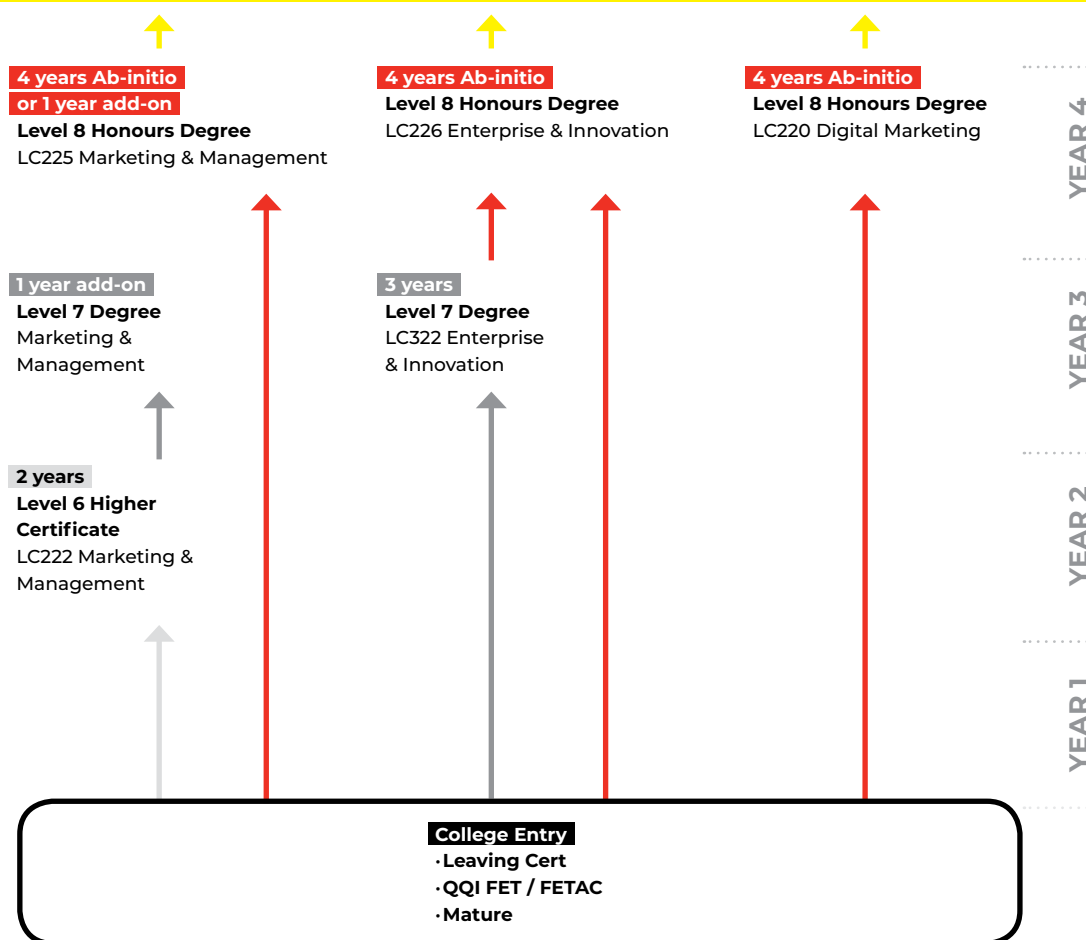
- Higher Diploma in Digital Marketing (Level 8)
- Higher Diploma in Business with Sales Performance & Business Development (Level 8)
- Higher Diploma in International Business (Level 8)
- Higher Diploma in Business Management (Level 8)
- Higher Diploma in People Management (Level 8)
- MSc in International Business (Level 9)
- MSc in Digital Marketing (Level 9)
- Master of Business in Marketing & Management Strategy (Level 9)
- Master of Business by Research (Level 9)
- Research Opportunities in Business (Level 9)

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)

## Progression Opportunities

### Marketing, Enterprise & Digital Communications

#### Postgraduate Programmes (Level 9 & Level 10)



We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email [admissions@lit.ie](mailto:admissions@lit.ie) or go to [lit.ie/admissions](http://lit.ie/admissions)

# Digital Marketing.

Bachelor of Business  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Sara Kate Hurley,  
Programme Leader

**Tel:** 061 293329

**Email:** sarakate.hurley@lit.ie

**Web:** [www.lit.ie/Courses/LC220](http://www.lit.ie/Courses/LC220)

## WHAT IS THE PROGRAMME ABOUT?

Marketing, and increasingly, digital marketing, permeates through every industry sector and to progress in any organisation will require graduates to have not only skills in their relevant fields but also the digital marketing skills to operate in the workplace.

This programme is built on a business foundation, with a focus on management, marketing and specifically, digital marketing. It covers the key principles of business, management, marketing and digital marketing, including assessing the impact of digital technology on the business and marketing, integrating social media tools into a marketing communications strategy, effectively using different forms of digital marketing in the development of an online presence, along with developing a plan for marketing a product or business online. The programme includes a flexible and adaptable work placement in Year 3, with a capstone final year 15-credit digital marketing focused business/marketing plan or dissertation.

## WHO IS THE PROGRAMME SUITED TO?

Are you interested in social media, digital marketing, advertising, PR or branding? Do you want to work in a business with a strong social media presence...or no social media presence but which could hugely benefit from one? Are you the person to open up such opportunities for businesses ranging in size from small, family enterprises to multi-national corporations? Are you open to exploring, developing and presenting new ideas, working with classmates on projects, and actively participating in a range of practical assignments? Then, this programme, built on a business foundation, with a strong focus on management, marketing and specifically, digital marketing, is for you.

## MODULES

**Year 1:** Digital Marketing, Content Writing for User Experience and Design, Macroeconomics, Web Technology & Interactive Applications, Principles of Marketing, Microeconomics, Information Technology & Office Applications, Financial Accounting 1, Business Mathematics, Financial Accounting 2, Management Principles, Business Statistics.

**Year 2:** Mobile & Local Marketing, Management Accounting 2, Social Media Marketing, Personal Selling, Legal Fundamentals for Business, eBusiness & Marketing, HRM Concepts, Search Marketing, Management Accounting 1, Sales Management, Corporate Law, HRM Practice.

**Year 3:** Branding, Marketing Research, Marketing Communications Media & Tools, Online Public Relations (P.R.), Organisational Information Systems & Business Intelligence, Marketing Communications, Analytics & Consumer Insight, Managerial Finance, Service Marketing, Marketing Research Project, Business Analytics for Decision Making, Work Placement (flexible).

**CAO CODE:** LC220

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 262

**Year 4:** Final Year Project, Strategic Marketing, Cyberpsychology for Marketers, International Marketing, Strategic Management Concepts, Commercial Law: Business Regulation, Consumer Behaviour, Global Business Management, Strategic Management Practice, Commercial Law: Intellectual Property and Internet Regulation.

Students also have the opportunity, if they wish, to study for a semester or year at one of our partner colleges, currently in France and Canada.

## WHAT CAN I DO AFTER THE PROGRAMME?

The BBS in Digital Marketing graduate will be an individual with a thorough grounding in all areas of business, as well as specialised, practical skills in Digital Marketing.

## Enterprise & Innovation.

Bachelor of Business  
(Honours) *Ab Initio*



### MINIMUM ENTRY REQUIREMENTS

#### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

#### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

### FURTHER INFORMATION

**Contact:** Ms. Marion Carroll,  
Programme Leader

**Tel:** 061 293145

**Email:** marion.carroll@lit.ie

**Web:** [www.lit.ie/Courses/LC226](http://www.lit.ie/Courses/LC226)

### WHAT IS THE PROGRAMME ABOUT?

The aim of this Business with Enterprise & Innovation programme is to develop in the graduate entrepreneurial, commercial and practical business skills. Graduates will acquire and develop the knowledge, skills and competencies along with the innovative and creative thinking mindset necessary to succeed in new business ventures, but also the management skills and knowledge required to allow employment in established businesses and/or entrepreneurial support organisations.

An "Active Enterprise" project in conjunction with start-up enterprises in Year 3 along with the development of a full Business Plan in Year 4 are critical elements of the programme. Students, even when not taking the language option, also have the option to spend a semester or year studying abroad.

### WHO IS THE PROGRAMME SUITED TO?

For those students who have an innovative idea for a product, technology or service, this programme aims to equip the student with skills to translate the idea into a viable business concept. Alternatively, graduates will have the competencies to support the entrepreneur with the 'innovative idea' in creating a competitive and sustainable commercial enterprise.

### MODULES

**Year 1:** Enterprise Development, Idea Generation, Micro & Macroeconomics, Marketing, Management, Business Technology & Office Applications, Web Technology & Interactive Apps, Financial Accounting, Mathematics & Statistics.

**Year 2:** Innovating Products & Brands, New Venture Creation, eBusiness for Marketing, Social & Mobile Marketing, Legal Fundamentals for Business, Corporate Law, Personal Selling, Sales Management, Income Tax, Taxes for Startups, Human Resource Management.

**Year 3:** Active Entrepreneurship Project, Family Business Management, Branding, Marketing Communications, Managing Change for the Entrepreneur, Business Analytics, Organisational Information Systems & Business Intelligence, Project Management, Managerial Finance, Enterprise Finance.

**Year 4:** Final Year Project / Business Plan, Strategic Management Concepts & Practice, International Marketing, Global Business Management, Strategic Marketing, Consumer Behaviour, Commercial Law – Business Regulation, Commercial Law - IP & Internet Regulation, Operations Management & Logistics.

**CAO CODE:** LC226

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

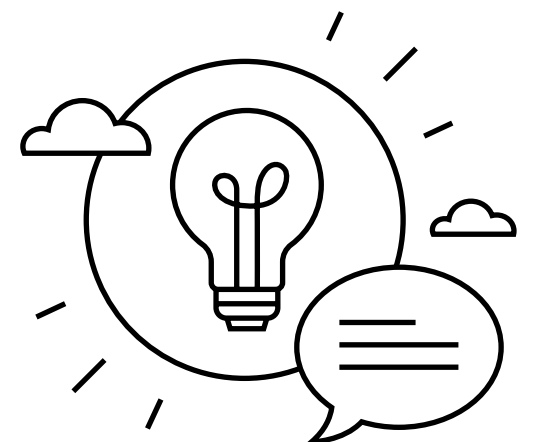
**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 234

### WHAT CAN I DO AFTER THE PROGRAMME?

After successfully completing this programme, the opportunity may be available for graduates to gain access to the Hartnett Enterprise Acceleration Centre or the National Franchise Centre in Limerick City for commercialisation of a product or service. Graduates will also be suitable for employment in enterprise support agencies and established businesses, and are also eligible for progression to the Level 9 Master of Business with Marketing & Management Strategy at LIT, subject to quality of award.



# Enterprise & Innovation.

Bachelor of Business



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr Tara Frawley,  
Programme Leader

**Tel:** 061 293145

**Email:** tara.frawley@lit.ie

**Web:** [www.lit.ie/Courses/LC322](http://www.lit.ie/Courses/LC322)

## WHAT IS THE PROGRAMME ABOUT?

The aim of this new Business with Enterprise & Innovation programme is to develop entrepreneurial, commercial and practical business skills in the graduate. Graduates will acquire and develop the business knowledge, skills and competencies along with the innovative and creative thinking mindset necessary to succeed in new business ventures, as well as the management skills and knowledge required to allow employment in established businesses and/or entrepreneurial support organisations.

An "Active Entrepreneurship" project in conjunction with start-up enterprises provides a unique "hands-on" learning environment. Students, even when not taking the language option, also have the option to spend a semester or year studying abroad.

## WHO IS THE PROGRAMME SUITED TO?

For those students who have an innovative idea for a product, technology or service, this programme aims to equip the student with skills to translate the idea into a viable business concept. Alternatively, graduates will have the competencies to support the entrepreneur with the 'innovative idea' in creating a competitive and sustainable commercial enterprise.

## MODULES

**Year 1:** Enterprise Development, Idea Generation, Micro & Macroeconomics, Marketing, Management, Business Technology & Office Applications, Web Technology & Interactive Apps, Financial Accounting, Mathematics & Statistics.

**Year 2:** Innovating Products & Brands, New Venture Creation, eBusiness for Marketing, Social & Mobile Marketing, Legal Fundamentals for Business, Corporate Law, Personal Selling, Sales Management, Income Tax, Taxes for Startups, Human Resource Management.

**Year 3:** Active Entrepreneurship Project, Family Business Management, Branding, Marketing Communications, Managing Change for the Entrepreneur, Business Analytics, Organisational Information Systems & Business Intelligence, Project Management, Managerial Finance, Enterprise Finance.

CAO CODE: LC322

NEW PROGRAMME

PROGRAMME LEVEL: 7

DURATION: 3 years

CLASS HOURS: 18-24 hours per week

LOCATION: Moylish Campus, Limerick

CAO POINTS 2020: New Programme

## WHAT CAN I DO AFTER THE PROGRAMME?

After successfully completing this programme, students can progress to the 4th year of the Level 8 honours degree in Enterprise & Innovation or seek transfer into our Level 8 honours degree in Marketing and Management.

The opportunity may be available for graduates to gain access to the Hartnett Enterprise Acceleration Centre or the National Franchise Centre in Limerick City for commercialisation of a product or service. Graduates will also be suitable for employment in enterprise support agencies and established businesses and are also eligible for progression to the LIT Level 9 Master of Business with Marketing & Management Strategy, subject to quality of award.



# Marketing & Management.

Bachelor of Business  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Tara Frawley,  
Programme Leader

**Tel:** 061 293121

**Email:** tara.frawley@lit.ie

**Web:** www.lit.ie/Courses/LC225

## WHAT IS THE PROGRAMME ABOUT?

This is a cutting-edge programme designed primarily to prepare students for employment at executive management or marketing level in business, and at the same time provide students with a foundation for either further study or starting their own business venture.

It is a marriage of business management with marketing, fostering a spirit of independent and innovative thinking with a sound understanding of theoretical issues and the ability to put these theories into practice. Project work forms a large element of the programme. Students, even when not taking the language option, also have the option to spend a semester or year studying abroad.

This programme has been recognised by the Teaching Council as fulfilling its degree requirement for registration as a post-primary teacher, subject to the complete programme of study being undertaken at LIT. As with any other degree, a teaching qualification such as the Professional Masters in Education is also required.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suitable for people who have an interest in careers as a Marketing Executive, Digital Marketing Assistant, Brand Manager, Sales Promotion Manager, Advertising/PR Executive, Business Studies Teacher, Marketing Researcher.

## MODULES\*

**Year 1:** Micro & Macroeconomics, Marketing, Management, Business Technology & Office Applications, Web Technology & Interactive Apps, Financial Accounting, Mathematics & Statistics plus electives from Language & Culture, Enterprise Development, Learning Skills - Business Communication, Idea Generation.

**Year 2:** eBusiness for Marketing, Social & Mobile Marketing, Legal Fundamentals for Business, Corporate Law, Personal Selling, Sales Management, Management Accounting, Human Resource Management, plus electives from Language and Culture, Innovating Products and Brands, Personal Development, New Venture Creation, Professional Development & Employability Skills.

**Year 3:** Branding, Marketing Communications, Services Marketing, Marketing Research Project, Business Analytics, Organisational Information Systems & Business Intelligence, Project Management, Managerial Finance, plus electives from World Economy & Change Culture, Critical Thinking & Decision Making, Enterprise Finance, Organisational Behaviour, Work Psychology, Family Business Management.

**CAO CODE:** LC225

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 298

**Year 4:** Final Year Project/Thesis/Business Plan, Strategic Management Concepts & Practice, International Marketing, Global Business Management, Strategic Marketing, Consumer Behaviour, Commercial Law – Business Regulation, Commercial Law - IP & Internet Regulation, Operations Management & Logistics.

\* *The offering of electives is subject to available resources and minimum numbers.*

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates have pursued successful careers in areas as diverse as marketing, advertising, public relations, media, exporting, sales & business management, with employers including Facebook, Google, Bank of Ireland, Diageo, Dell, Full Tilt Poker, Heineken, ParkMagic, ABP and Musgrave. Graduates may progress to examinations of The Marketing Institute of Ireland (MII), The Chartered Institute of Marketing (CIM) and The Institute of International Trade Ireland (IITI).

# Marketing & Management.

Higher Certificate  
in Business



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Gillian Clogan,  
Programme Leader

**Tel:** 061 293542

**Email:** gillian.clogan@lit.ie

**Web:** [www.lit.ie/Courses/LC222](http://www.lit.ie/Courses/LC222)

## WHAT IS THE PROGRAMME ABOUT?

This programme of study is designed to equip students with a solid grounding in business and in particular, Marketing and Management.

The programme ensures that students will be able to demonstrate the practical skills, knowledge and competence required at junior executive level. There are approximately 24 hours of timetabled activities per week which include lectures and tutorials as well as a range of practical learning experiences, such as business case studies, industry project work and computer practicals; plus mid and end of year examinations.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suitable for people who have an interest in careers as a Marketing Assistant, Digital Marketing Administration, PR Assistant, Sales Executive, Account Manager.

## MODULES\*

**Year 1:** Micro & Macroeconomics, Marketing, Management, Business Technology & Office Applications, Web Technology & Interactive Apps, Financial Accounting, Mathematics & Statistics plus electives from Language & Culture, Enterprise Development, Learning Skills - Business Communication, Idea Generation.

**Year 2:** eBusiness for Marketing, Social & Mobile Marketing, Legal Fundamentals for Business, Corporate Law, Personal Selling, Sales Management, Management Accounting, Human Resource Management, plus electives from Language and Culture, Innovating Products and Brands, Personal Development, New Venture Creation, Professional Development & Employability Skills.

*\* The offering of electives is subject to available resources and minimum numbers.*

## WHAT CAN I DO AFTER THE PROGRAMME?

The ladder-style of this programme gives students the opportunity to study Marketing and Management at their own pace – do the first two years and receive a Higher Certificate, add one more for a Degree, and another for an Honours Degree.

Some exemptions may be available from the examinations of The Marketing Institute of Ireland (MII), The Chartered Institute of Marketing (CIM) and The Institute of International Trade of Ireland (IITI). A recent survey of current students and graduates of the programme found that over 82% of graduates and 84% of current students would recommend the programme.

**CAO CODE:** LC222

**PROGRAMME LEVEL:** 6

**DURATION:** 2 years

**CLASS HOURS:** 24 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 270

# Marketing & Management.

Bachelor of Business



## MINIMUM ENTRY REQUIREMENTS

1. A Higher Certificate (Level 6) in a relevant field.
2. An equivalent qualification to a Higher Certificate (Level 6) with appropriate pre-requisite subjects.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Mr. Ronan O'Brien, Programme Leader

**Tel:** 061 293329

**Email:** ronan.obrien@lit.ie

**Web:** www.lit.ie/Courses/A7222

## WHAT IS THE PROGRAMME ABOUT?

This one-year add-on programme has been designed to provide students with a strong knowledge of marketing, coupled with a broad foundation in the theory and practice of management.

The programme is a marriage of business management with marketing, fostering a spirit of independent and innovative thinking with a sound understanding of theoretical issues and the ability to put these theories into practice. Project work forms a large element of the programme, with assessments ranging from practicals, presentations, written reports, individual work, group work, exams, case studies and joint-assignments between a number of modules.

Particular emphasis is placed on managerial, technological and communication skills. These skills give students the opportunity to immediately seek employment or progress to the one year add-on honours degree in Marketing & Management at LIT and/or Professional Body examinations. This programme has links with the Marketing Institute of Ireland and the Sales Institute of Ireland.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suitable for people who have an interest in careers as a Marketing Executive, Digital Market Assistant, Brand Manager, Sales Promotion Manager, Advertising/PR Executive, Business Studies Teacher, Marketing Researcher.

## MODULES\*

Branding, Marketing Communications, Services Marketing, Marketing Research Project, Business Analytics, Organisational Information Systems & Business Intelligence, Project Management, Managerial Finance, plus electives from World Economy, & Change Culture, Critical Thinking & Decision Making, Enterprise Finance, Organisational Behaviour, Work Psychology, Family Business Management.

*\* The offering of electives is subject to available resources and minimum numbers.*

**CODE:** Add-on

**PROGRAMME LEVEL:** 7

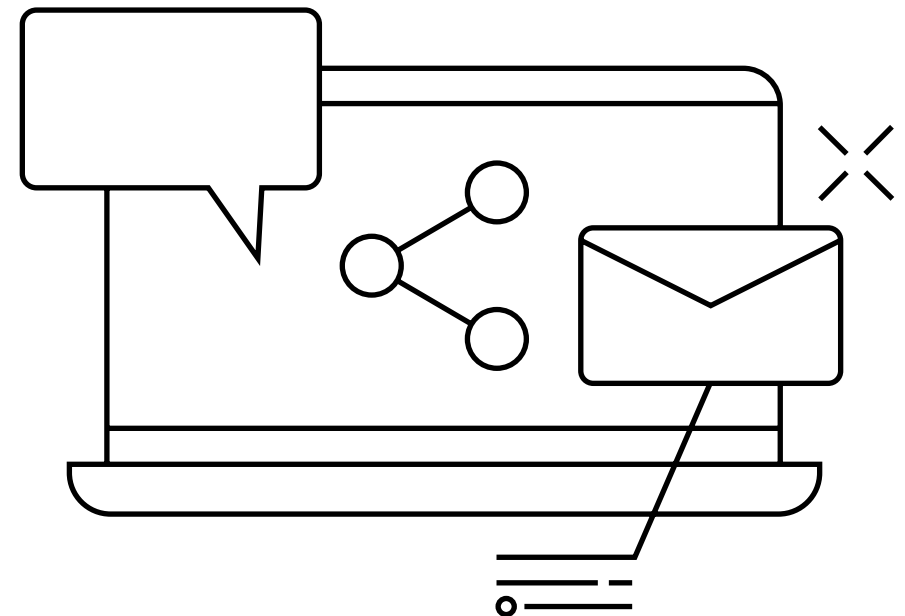
**DURATION:** 1 Year add-on programme (following 2 Year Higher Certificate LC222)

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

## WHAT CAN I DO AFTER THE PROGRAMME?

The ladder style of this programme give students the opportunity to study Marketing and Management at their own pace – do the first two years and receive a Higher Certificate, add one more for a Degree, and another for an Honours Degree.



# Marketing & Management.

Bachelor of Business  
(Honours)



## MINIMUM ENTRY REQUIREMENTS

1. An equivalent qualification to a Bachelor Degree (Level 7) with appropriate pre-requisite subjects.
2. A pass in a Bachelor Degree (Level 7) in a relevant field with an overall average performance of at least 40%.

### Apply directly to LIT

**Tel:** 061 293262

**Email:** admissions@lit.ie

## FURTHER INFORMATION

**Contact:** Ms. Tara Frawley,  
Programme Leader

**Tel:** 061 293121

**Email:** tara.frawley@lit.ie

**Web:** www.lit.ie/Courses/A8222

## WHAT IS THE PROGRAMME ABOUT?

This one-year add-on honours degree programme aims to provide students with a broad theoretical and practical preparation for a career at management level in a variety of real business situations. Leading-edge business thinking is addressed throughout the programme in the context of best contemporary practice. Students are encouraged to become independent and innovative thinkers with a sound understanding of theoretical issues and the ability to put these theories into practice.

This programme has been accepted by the Teaching Council as fulfilling its degree requirements for registration as a post-primary teacher, subject to the complete programme of study being undertaken at LIT. As with any other Degree, a teaching qualification, such as the Professional Masters in Education is also required.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suitable for people who have an interest in careers as a Marketing Executive, Digital Marketing Assistant, Brand Manager, Sales Promotion Manager, Advertising/PR Executive, Business Studies Teacher.

## MODULES\*

Final Year Project / Thesis / Business Plan, Strategic Management Concepts & Practice, International Marketing, Global Business Management, Strategic Marketing, Consumer Behaviour, Commercial Law – Business Regulation, Commercial Law - IP & Internet Regulation, Operations Management & Logistics.

*\* The offering of electives is subject to available resources and minimum numbers.*

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates have pursued successful careers in areas as diverse as marketing, advertising, public relations, media, exporting, sales & business management, with employers including Facebook, Google, Bank of Ireland, Diageo, Dell, Full Tilt Poker, Heineken, ParkMagic, ABP and Musgrave.

Graduates may progress to examinations of The Marketing Institute of Ireland (MII), The Chartered Institute of Marketing (CIM) and The Institute of International Trade Ireland (IITI). Graduates are also eligible for progression to the Level 9 Master of Business with Marketing & Management Strategy at LIT, subject to quality of award.

**CODE:** Add-on

**PROGRAMME LEVEL:** 8

**DURATION:** 1 Year add-on programme  
(following on from Add-on Level 7 Degree)

**CLASS HOURS:** 18 hours per week

**LOCATION:** Moylish Campus, Limerick

# Department of Sport, Leisure & Tourism

Faculty of Business  
& Humanities

All our programmes provide a blend of theory and practice through active learning approaches.

The Department of Sport, Leisure and Tourism provides a high quality and relevant education in Sport, Travel and Tourism Management, Event Management, Beauty & Spa Management, Hospitality Supervision and Culinary Arts. All our programmes provide a blend of theory and practice through active learning approaches where we actively prepare our students for dynamic and exciting careers in their chosen industry sector.

Our Department works closely with leading industry organisations and experts including Sport Ireland, NSCA, Sports Partnerships, Community Groups, Fáilte Ireland, Irish Hotel Federation, The Taste Council, Bord Bia, Restaurant Association of Ireland, Association of Ireland Festival and Events, Tourism Ireland, Ireland Skills, ITEC, CIBTAC and Euro-Toques. In addition, as all our students are required to complete a professional work placement, we

have extensive links with leading industry professionals which ensures that our graduates continue to shape and contribute to the sustainable development and future of the Irish Sport, Leisure and Tourism industry.

The Department of Sport, Leisure and Tourism offers the following programmes that require students to undertake placement:

- Applied Strength & Conditioning
- Business Studies with Sports Management/Business Studies with Sport
- Sports Development & Performance
- Sports Development & Coaching
- Business Studies with Beauty & Spa Management/Business Studies with Beauty & Spa Services
- Business Studies with Event Management
- Business Studies with Travel and Tourism Management
- Culinary Arts
- Hospitality Supervision





To ensure the protection of the public and justify public trust and confidence, LIT uses the Garda Vetting Unit (GVCU) service to assess the suitability of applicants to these programmes. Depending upon the outcome of the vetting process, the Institute reserves the following rights:

- To not register a student;
- To remove an existing registered student;
- To delay the student's placement modules on programmes.

In all circumstances, it is the student's responsibility to proactively disclose any convictions or pending cases. The Institute reserves the right to inform any placement provider of any convictions or pending cases.

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**Dean, Faculty of Business & Humanities**

Mr. Donnacha McNamara,  
Dip IHM, B Comm, MBS, MMI

**Head of Department of Sport, Leisure & Tourism**

Ms. Elaine Barry, BA, MEd, MBPsS

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**FURTHER INFORMATION**

Department of Sport, Leisure & Tourism

Tel: 061 293857 (Limerick)  
0504 28180 (Thurles)

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**Shauna Fogarty**

Business Studies with Event Management

## Student Profile

"I have just completed my first year studying Business Studies with Event Management. I chose this course because I felt it suited me down to the ground as it involves organising different kinds of events. I wouldn't really choose anywhere else to be other than LIT as it has a lovely atmosphere and everyone is so welcoming.

My first impression of LIT was "whoa". It can be so overwhelming to new students coming into college as it is a big step into the world. My favourite thing about LIT is the friendships you build up with friends and lecturers. My advice to anyone starting college would be to get involved. There are so many sports, clubs and volunteering that you can join. Don't forget everyone is in the same boat as you starting off so make an effort and enjoy yourself!"

## UNDERGRADUATE PROGRAMMES

### LEVEL 8 PROGRAMMES ON CAO

	page
<b>LC422 Applied Strength &amp; Conditioning</b> – Bachelor of Science (Honours) Ab Initio – Thurles	348
<b>LC295 Business Studies with Sports Management</b> – Bachelor of Arts (Honours) Ab Initio – Limerick	352
<b>LC392 Business Studies with Beauty and Spa Management</b> – Bachelor of Arts (Honours) Ab Initio – Limerick	360
<b>LC294 Business Studies with Event Management</b> – Bachelor of Arts (Honours) Ab Initio – Limerick	364
<b>LC293 Business Studies with Travel and Tourism Management</b> – Bachelor of Arts (Honours) Ab Initio – Limerick	366

### LEVEL 6 & LEVEL 7 PROGRAMMES ON CAO

	page
<b>LC423 Applied Strength &amp; Conditioning</b> – Bachelor of Science – Thurles	350
<b>LC397 Business Studies with Sport</b> – Bachelor of Arts – Limerick	354
<b>LC290 Sports Development &amp; Performance</b> – Bachelor of Arts – Limerick	356
<b>LC228 Sports Development &amp; Coaching</b> – Higher Certificate in Arts – Limerick	358
<b>LC396 Business Studies with Beauty and Spa Services</b> – Bachelor of Arts – Limerick	362
<b>LC398 Culinary Arts</b> – Bachelor of Arts – Limerick	368
<b>LC399 Hospitality Supervision</b> – Bachelor of Arts – Limerick	370

## POSTGRADUATE PROGRAMMES

Details of Postgraduate Programmes are available in our Postgraduate Programmes Handbook or see: [www.lit.ie/postgraduate](http://www.lit.ie/postgraduate)



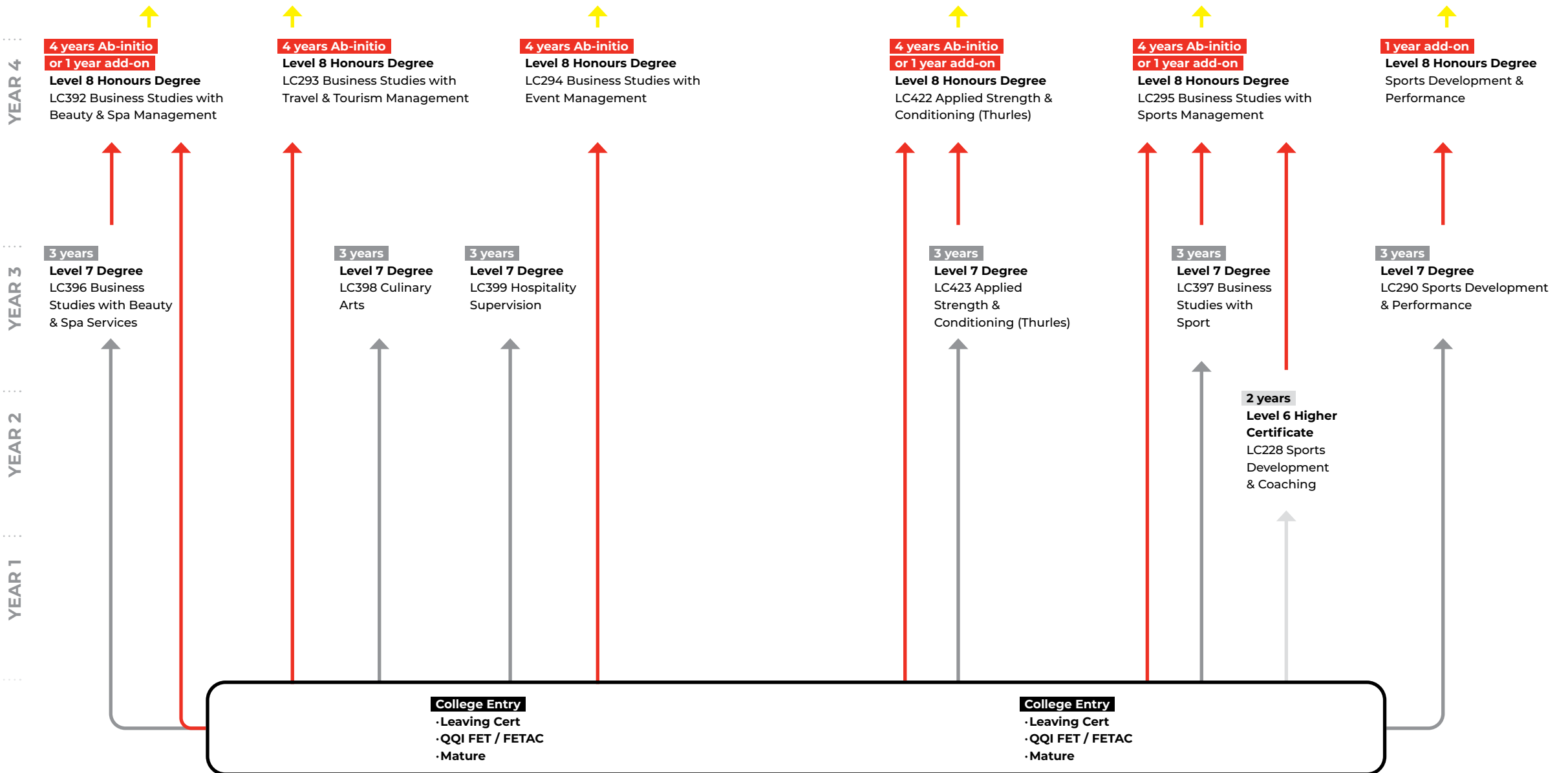
# Progression Opportunities

## Sport, Leisure & Tourism

We are committed to making education as open and accessible as possible for those who would benefit from it. LIT students come to college through many different routes. If you want to get into college and don't have conventional qualifications, we would like to talk to you.

Just call **061 293262**, email **admissions@lit.ie** or go to **lit.ie/admissions**

### Postgraduate Programmes (Level 9 & Level 10)





# Applied Strength & Conditioning.

Bachelor of Science (Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Damien Young,

Programme Leader

**Tel:** 0504 28000

**Email:** damien.young@lit.ie

**Web:** www.lit.ie/Courses/LC422

f LITSandC @LIT\_StrengthConditioning

## WHAT IS THE PROGRAMME ABOUT?

The Bachelor of Science (Honours) in Applied Strength and Conditioning offers an in-depth education on this growing area of interest, both in Ireland and internationally. The Strength and Conditioning Coach is a central and key figure in preparing and advancing the fitness and performance status of the individual athlete and team both in professional sport and in amateur and recreational sport.

Strength and conditioning coaches people towards optimal performance and injury prevention through the application of knowledge gained through many discipline areas such as sports science and exercise physiology.

Students are prepared for the UK Strength and Conditioning Association, ITEC Gym Instruction and the United States National Strength and Conditioning Association exams. This ensures successful graduates have the highest international standing. The programme also has strong links for work placement and research with Ireland's leading sporting organisations.

A modern Strength and Conditioning Coach will also have additional skills that utilise advances in technology to impact on the development of the athlete, player and team; as well as requiring the core elements of business to be flexible in applying his/her strength and conditioning skills. The Thurles campus houses an elite, state-of-the-art sports strength and conditioning facility that greatly enhances students' practical learning on the programme.

## WHO IS THE PROGRAMME SUITED TO?

The programme is suited to students who wish to become members of sports training professional bodies and pursue careers as top sports strength and conditioning coaches or entrepreneurs in the growing fitness industry.

## MODULES

**Year 1:** Fundamentals of Human Anatomy, Introduction to Psychology, Athlete Preparation & Coaching Skills, Resistance Training Principles, Nutrition, Macronutrients & Energy Balance, Physical Activity & Growth Movement, Micronutrients & Hydration, Communication Skills, Fundamental Movement Skills, Sports Philosophy & Ethics, Introduction to Exercise Physiology, Resistance Training Practices.

**Year 2:** Weightlifting, Concepts in Functional Biomechanics, Sports Nutrition, Performance Measurement & Testing, Speed & Agility Development, Statistics for Sport, Clinical Biomechanics, Endurance Development, Performance Analytics, Training for Power & Force Production, Sports Psychology, Sport & Community Engagement.

**Year 3:** Sports Marketing, Interventions for Special Populations, Statistical Methods for Sport, Technology Analytics, Youth Athletic Development, Injury Management & Rehabilitation, Work Placement.

**CAO CODE:** LC422

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 18-24 hours per week

**LOCATION:** Thurles Campus

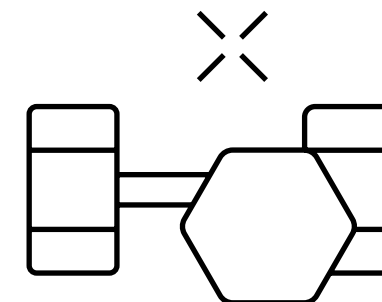
**CAO POINTS 2020:** 298

**Year 4:** Entrepreneurship, Monitoring & Recovery Science in Coaching, Periodisation & Programme Planning, Applied Exercise Physiology & Anatomical Assessment, Coaching Competencies & Behaviours, Current Concepts in Strength & Conditioning, Advanced Resistance Training, Venture Management, Adapted Physical Activity, Final Year Project.

## WHAT CAN I DO AFTER THE PROGRAMME?

The programme aims to equip students with a qualification that has an international competitive standing in the marketplace and the skills that are pivotal to the Strength and Conditioning practitioner.

Graduates are expected to gain employment in sports organisations, sports' national governing bodies, sporting clubs and colleges, the health and fitness industry, community activity programmes and private enterprise. Graduates can also apply for entry to LIT's Research Masters programme.



# Applied Strength & Conditioning.

Bachelor of Science



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Dr. Damien Young,

Programme Leader

**Tel:** 0504 28000

**Email:** damien.young@lit.ie

**Web:** www.lit.ie/Courses/LC423

**f** LITSandC **@** LIT\_StrengthConditioning

## WHAT IS THE PROGRAMME ABOUT?

The Bachelor of Science in Applied Strength and Conditioning offers an in-depth education on this growing area of interest, both in Ireland and internationally. The Strength and Conditioning Coach is a central and key figure in preparing and advancing the fitness and performance status of the individual athlete and team both in professional sport and also in amateur and recreational sport.

The Thurles campus houses an elite, state-of-the-art sports strength and conditioning facility – the 'SportsLab'. Among its facilities are a 45m, six lane sprint track especially designed to improve speed; a Paralympic area; cable machines; a range of sport technology systems; including micro electro mechanical systems and GPS systems; Olympic lifting platforms; functional screening kits; weights and a full range of exercise machines. The facility greatly enhances students' practical learning on the programme.

## WHO IS THE PROGRAMME SUITED TO?

This programme is suited to students who wish to become members of sports training professional bodies and pursue careers as top sports strength and conditioning

coaches or become entrepreneurs in the growing fitness industry.

## MODULES

**Year 1:** Fundamentals of Human Anatomy, Introduction to Psychology, Athlete Preparation & Coaching Skills, Resistance Training Principles, Nutrition, Macronutrients & Energy Balance, Physical Activity & Growth Movement, Micronutrients & Hydration, Communication Skills, Fundamental Movement Skills, Sports Philosophy & Ethics, Introduction to Exercise Physiology, Resistance Training Practices.

**Year 2:** Weightlifting, Concepts in Functional Biomechanics, Sports Nutrition, Performance Measurement & Testing, Speed & Agility Development, Statistics for Sport, Clinical Biomechanics, Endurance Development, Performance Analytics, Training for Power & Force Production, Sports Psychology, Sport & Community Engagement.

**Year 3:** Sports Marketing, Interventions for Special Populations, Statistical Methods for Sport, Technology Analytics, Youth Athletic Development, Injury Management & Rehabilitation, Work Placement.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates of the programme are eligible to progress to Year 4 of the Bachelor of Science (Honours) degree in Applied Strength and Conditioning. On completion of the programme, graduates are expected to gain employment in sports organisations, sports' national governing bodies, sporting clubs and colleges, the health and fitness industry, community activity programmes and private enterprise.

**CAO CODE:** LC423

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 20-24 hours per week

**LOCATION:** Thurles Campus

**CAO POINTS 2020:** 157

## Programme Overview with Michael Fennelly

"This programme really provides students with all the necessary skills to work with athletes and teams from underage to Inter County to National level. It covers a broad range of modules from olympic lifting, player monitoring, sport psychology, sport nutrition, injuries, to placement and fitness testing. Many successful graduates have taken up roles with IRFU 7s, GAA Inter County teams, National and International rugby teams, with some graduates setting up their own gyms. We also have links and partnerships with a number of colleges abroad if you choose to specialise after the 4 years in a certain area i.e. MSc Physiotherapy. Knowledge is key. This programme provides that knowledge."

*Michael Fennelly,  
Applied Strength & Conditioning  
Lecturer @ LIT & former Kilkenny  
Senior hurler. Holder of 8 All-Ireland  
senior medals.*

# Business Studies with Sports Management.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Caroline Shanley,  
Programme Leader

**Tel:** 061 293816

**Email:** caroline.shanley@lit.ie

**Web:** www.lit.ie/Courses/LC295

f LIT.SportsCourses    t LITSportCourses

## WHAT IS THE PROGRAMME ABOUT?

This programme has been designed for people with a passion for sport who would like to work in an exciting, dynamic and global industry. Learn about working with athletes and training for performance and health. Develop your leadership skills and gain an understanding of governance and sports development, marketing, sponsorship, finance, law, running events, economics, public relations and human resource management.

Develop your network of contacts through our professional links with various Sports Partnerships, the GAA, Camogie Association, FAI, Limerick FC, Munster Rugby, Thomond Park Stadium, the Irish Sports Council and Coaching Ireland. Take the opportunity to travel during your placement while working or studying in Ireland or overseas. Play sport and make new friends. Whatever your ambitions in sport, Business Studies with Sports Management in LIT can help you achieve them.

## WHO IS THE PROGRAMME SUITED TO?

The programme will suit anyone with a passionate interest in sport and a flair for business and management. You don't

need to be an elite athlete; you just need a positive attitude, a willingness to work hard and the determination to succeed.

## MODULES

**Year 1:** Sports Law & Administration, Communications & Information Technology, Sport & Community Development, Sports Leadership, Functional Anatomy, Training for Sport and Physical Fitness, Principles of Accounting, Management & Marketing Fundamentals.

**Year 2:** Decision Making Techniques & Applications, Principles of Economics for Sports Management, Digital Media & E-Commerce, Sports Event Operations (Common), Marketing Principles, Coaching Practice & Application.

**Year 3:** Commercial Sports Management, Health Promotion – Nutrition & Exercise, Sport Public Relations and Communication, Placement (600 hours).

**Year 4:** Financial Planning, Human Resource Management for Sports, Sports Marketing Management, Entrepreneurship and Business Planning, Research Thesis, Sports Performance Management, Strategic Management.

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can expect to find work in a broad range of areas. Many continue in postgraduate education while others go on to find employment with the National Governing Bodies, Local Sports Partnerships, community and voluntary organisations, commercial gyms and leisure centres, TV and media companies, event management companies, professional clubs, and sports agencies.

The skills and knowledge gained will also be highly applicable to companies outside of the sports sector.

**CAO CODE:** LC295

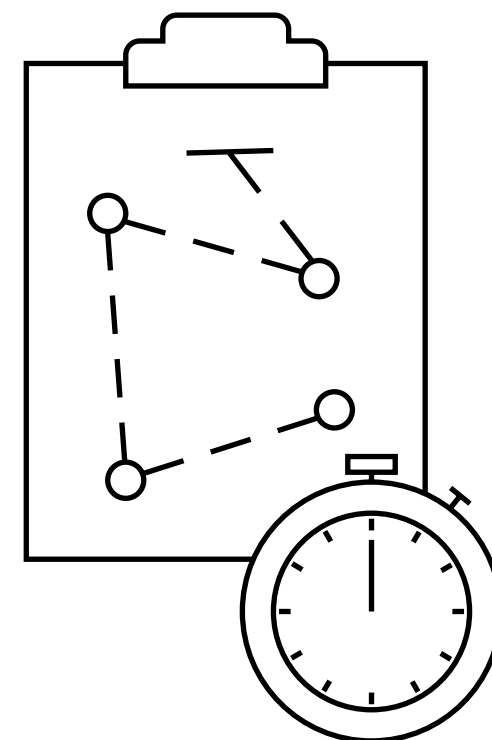
**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 252



# Business Studies with Sport.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Caroline Shanley,  
Programme Leader

**Tel:** 061 293816

**Email:** caroline.shanley@lit.ie

**Web:** [www.lit.ie/Courses/LC397](http://www.lit.ie/Courses/LC397)

**f** LIT.SportsCourses **t** LITSportCourses

## WHAT IS THE PROGRAMME ABOUT?

This programme has been designed in conjunction with industry leaders. It will appeal to people with a passion for sport who would like to work in an exciting, dynamic and global industry. Learn and develop the skills you need to succeed in a sports management role. Develop your leadership skills and gain an understanding of governance and sports development, marketing, sponsorship, law, running events, economics, public relations and human resource management.

Develop your network of contacts through our professional links with various Sports Partnerships, the GAA, Camogie Association, FAI, Limerick FC, Munster Rugby, Thomond Park Stadium, the Irish Sports Council and Coaching Ireland. Take the opportunity to travel during your placement while working or studying in Ireland or overseas. Play sport and make new friends. Whatever your ambitions in sport, Business Studies with Sport in LIT can help you achieve them.

## WHO IS THE PROGRAMME SUITED TO?

The programme will suit anyone with a passionate interest in sport and a flair for business and management. You don't need to be an elite athlete; you just need a positive attitude, a willingness to work hard and the determination to succeed.

## MODULES

**Year 1:** Sports Law & Administration, Communications & Information Technology, Sport & Community Development, Sports Leadership, Functional Anatomy, Training for Sport and Physical Fitness, Principles of Accounting, Management & Marketing Fundamentals.

**Year 2:** Decision Making Techniques & Applications, Principles of Economics for Sports Management, Digital Media & E-Commerce, Sports Event Operations (Common), Marketing Principles, Coaching Practice & Application.

**Year 3:** Commercial Sports Management, Health Promotion – Nutrition & Exercise, Sport Public Relations and Communication, Placement (600 hours).

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates can expect to find work in a broad range of areas. Many continue on to complete a one year add on Level 8 (Honours Degree) in Business Studies with Sports Management, while others go on to find employment with the National Governing Bodies, Local Sports Partnerships, community and voluntary organisations, commercial gyms and leisure centres, TV and media companies, event management companies, professional clubs, and sports agencies.

The skills and knowledge gained will also be highly applicable to companies outside of the sports sector.

CAO CODE: LC397

NEW  
PROGRAMME

PROGRAMME LEVEL: 7

DURATION: 3 years

CLASS HOURS: 20-24 hours per week

LOCATION: Moylish Campus, Limerick

CAO POINTS 2020: New Programme

# Sports Development & Performance.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Marion Geary,  
Programme Leader

**Tel:** 061 293000

**Email:** marion.geary@lit.ie

**Web:** www.lit.ie/Courses/LC290

f LIT.SportsCourses    t LITSportCourses

## WHAT IS THE PROGRAMME ABOUT?

Sports Development is the promotion of sports activities within communities and sports organisations. Sports Development Officers typically work with specific sports such as hurling, football, soccer and rugby, or with target populations such as children and younger people, older adults, women, ethnic groups, people with disabilities or people living in socially disadvantaged areas. The role of the Sports Coach is complementary to that of the Sports Development Officer. Their job description is incredibly diverse and may include friend, mentor, instructor, planner, analyst, counsellor, organiser, demonstrator, disciplinarian, physical trainer, psychologist, nutritionist and leader. Successful coaches are innovative, constantly learning and evolving, always challenging themselves and their athletes to improve.

This programme aims to develop high quality graduates with the skills necessary to succeed in this dynamic, exciting, challenging and potentially lucrative industry.

We have professional links with numerous sporting organisations including Sport Ireland and the network of Local Sports Partnerships, the National Governing Bodies

of Sport, local sports clubs and community organisations, disability groups, local gyms and leisure centres, the Great Limerick Run, Munster Rugby and Limerick F.C. External training courses such as FAI Kick Start, Leprechaun Rugby, GAA Foundation & Level 1 and the Child Protection course enhance the student's career prospects and employability.

## WHO IS THE PROGRAMME SUITED TO?

This programme will suit individuals with a passion for people, sport and exercise. You will need to enjoy working in a team environment with people of all ages, from different backgrounds and with different abilities. Community sports development is a large and diverse area offering many opportunities within the private, public and voluntary sectors.

## MODULES

**Year 1:** Strength and Conditioning for Sport, Introduction to Sports Development, Coaching Skills, Anatomy and Human Movement, Leadership and Teamwork, Sports Coaching Law, Principles of Accounting, Communications and Information Technology.

**Year 2:** Sport Event Operations (Common), Sport Psychology, Advanced Coaching Skills, Exercise Programme Design. Elective choices in Year 2: Introduction to Sports and Exercise Nutrition OR Decision Making Techniques/ Microeconomics for Sport, and Elite Athlete Development OR Marketing Principles.

**Year 3:** Community Sports Development, Community Health Promotion, Sport & Society, Physical Activity for Special Populations, Placement.

**CAO CODE:** LC290

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 188

## WHAT CAN I DO AFTER THE PROGRAMME?

The benefits of sport and physical activity both to the individual and the community are well established. The increased professionalism of sport and the growing scientific approach to fitness ensures continued demand for jobs in sport and community related activities.

Graduates can seek work with local authority sport development teams, national governing bodies, community groups, schools and out of schools programmes, creches, sports clubs or youth organisations. They may also apply for graduate jobs in both the public and private sectors. Graduates can also progress to a one year, add-on Level 8 honours degree in Sports Development and Performance at LIT.

# Sports Development & Coaching.

Higher Certificate  
in Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Seoirse Bulfin,  
Programme Leader

**Tel:** 061 293000

**Email:** seoirse.bulfin@lit.ie

**Web:** www.lit.ie/Courses/LC228

**f** LIT.SportsCourses **t** LITSportCourses

## WHAT IS THE PROGRAMME ABOUT?

Sports development is the promotion of sports activities within communities and sports organisations. Sports Development Officers typically work with specific sports such as hurling, football, soccer and rugby, or with target populations such as children and younger people, older adults, women, ethnic groups, people with disabilities or people living in socially disadvantaged areas. The role of the Sports Coach is complementary to that of the Sports Development Officer. Their job description is incredibly diverse and may include friend, mentor, instructor, planner, analyst, counsellor, organiser, demonstrator, disciplinarian, physical trainer, psychologist, nutritionist and leader. Successful coaches are innovative, constantly learning and evolving, always challenging themselves and their athletes to improve.

This programme aims to develop high quality graduates with the skills necessary to succeed in this dynamic, exciting, challenging and potentially lucrative industry.

We have professional links with numerous sporting organisations including Sport Ireland and the network of Local Sports Partnerships, the National Governing Bodies such as the IRFU, GAA and FAI, local sports clubs and community organisations, disability groups, gyms and leisure centres, the Great Limerick Run, Munster Rugby and Limerick F.C. External training courses such as FAI Kick Start, Leprechaun Rugby, GAA Foundation & Level 1 and the Child Protection course enhance the student's career prospects and employability.

## WHO IS THE PROGRAMME SUITED TO?

The programme will suit individuals with a passion for people, sport and exercise. You will need to enjoy working in a team environment with people of all ages, from different backgrounds and with different abilities. Sports development and coaching jobs are rarely 9-5, Monday to Friday roles and no two days are ever the same!

## MODULES

**Year 1:** Strength and Conditioning for Sport, Introduction to Sports Development, Coaching Skills, Anatomy and Human Movement, Leadership and Teamwork, Sports Coaching Law, Principles of Accounting, Communications and Information Technology.

**Year 2:** Sport Event Operations (Common), Sport Psychology, Advanced Coaching Skills, Exercise Programme Design. **Elective choices in year 2:** Introduction to Sports and Exercise Nutrition OR Decision Making Techniques/ Microeconomics for Sport, and Elite Athlete Development OR Marketing Principles.

*Students who wish to progress to Year 3 of the Bachelor of Arts (Honours) in Business Studies with Sports Management (Level 8) must choose the business electives in year 2.*

**CAO CODE:** LC228

**PROGRAMME LEVEL:** 6

**DURATION:** 2 years

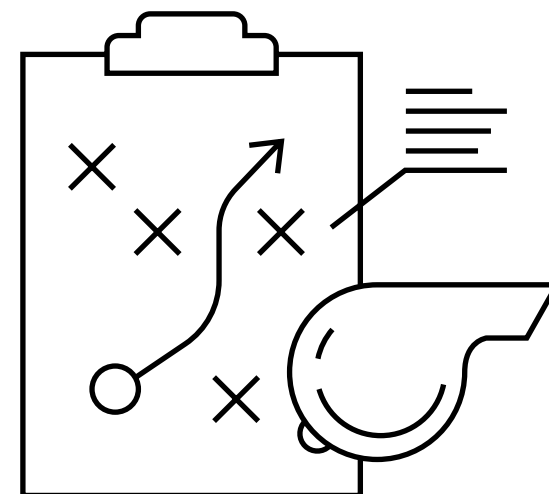
**CLASS HOURS:** 19-22 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 205

## WHAT CAN I DO AFTER THE PROGRAMME?

The Federation of Irish Sport estimate that 40,000 people are employed in sport in Ireland. This is an industry that accounts for €1.9 billion in household spending and €1 billion in tourism revenue. Much of this money is being ploughed back into the development of sport in cities, towns and villages all across the country. The investment means that career prospects for good quality graduates will continue to be high and there will be a growing demand for graduates with skills in sports development and coaching.



# Business Studies with Beauty and Spa Management.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

Department of Sport, Leisure & Tourism

**Tel:** 061 293000

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC392](http://www.lit.ie/Courses/LC392)

## WHAT IS THE PROGRAMME ABOUT?

The BA (Honours) in Business Studies with Beauty and Spa Management will appeal to students who wish to pursue a management career in the beauty and spa industry.

This Honours Degree programme aims to equip graduates with professional practical skills and theoretical knowledge relevant to the beauty and spa services sector. It also emphasises the importance of business acumen to manage within the sector, as well as excellence in technical skills across a range of spa and beauty treatments and therapies. To achieve this, this programme fosters in the student specific beauty and spa technical skills, in addition to applied business competencies to prepare them to contribute effectively in the wider world of beauty and spa.

## WHO IS THE PROGRAMME SUITED TO?

The BA (Hons) in Business Studies with Beauty and Spa Management is very suited to students who have a keen interest to advance skill development in the beauty and spa sector, which will in turn promote job creation, economic success and employment opportunities.

The nature of this programme will allow graduates to work in a wide range of beauty and spa settings. As such, this programme aims to support the growing beauty and spa industry by providing graduates with a combination of practical beauty and spa technical skills and applied management competencies.

## MODULES

**Year 1:** Aesthetics for Skin Care and Cosmetic Treatments, Introduction to the Beauty and Spa Industry, Applied Anatomy and Physiology, Media Communications and Personal Development, Research and Information Technology, Business Management for the Service Industry.

**Year 2:** Aesthetics for Beauty and Spa Treatments, Cosmetic Sales and Retail Work Orientation, Law for the Beauty and Spa Industry, Marketing Principles, Information Technology and E-Commerce, Business Decision Making and Applications.

**Year 3:** Advanced Therapies for Beauty and Spa, Beauty and Spa Work Placement, Entrepreneurship and Business Planning, Human Resources Management.

**Year 4:** Global Beauty and Spa Trends, Research Thesis, Marketing Management, Financial Management and Strategic Management.

**CAO CODE:** LC392

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20 hours per week.

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 236

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates will have experienced all facets of Beauty and Spa Management to provide them with the best education to suit today's economy and diverse Beauty and Spa industry.

A graduate will find a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of roles such as, beauty therapist, advanced skincare therapist, beauty and spa consultant, make up artistry, with employment for talented individuals in fashion, stage and TV make-up and spa and beauty product salesperson.

# Business Studies with Beauty and Spa Services.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

Department of Sport, Leisure & Tourism

**Tel:** 061 293000

**Email:** [businessandhumanities@lit.ie](mailto:businessandhumanities@lit.ie)

**Web:** [www.lit.ie/Courses/LC396](http://www.lit.ie/Courses/LC396)

## WHAT IS THE PROGRAMME ABOUT?

This programme in Business Studies with Beauty and Spa Services will appeal to students who wish to pursue a career in the beauty and spa industry.

The programme aims to equip graduates with professional practical skills and theoretical knowledge relevant to the beauty and spa services sector. It also emphasises the importance of business acumen to manage within the sector, as well as excellence in technical skills across a range of spa and beauty treatments and therapies. To achieve this, this programme fosters in the student specific beauty and spa technical skills, in addition to applied business competencies to prepare them to contribute effectively in the wider world of beauty and spa.

## WHO IS THE PROGRAMME SUITED TO?

The BA in Business Studies with Beauty and Spa Services is very suited to students who have a keen interest to advance skill development in the beauty and spa sector, which will in turn promote job creation, economic success and employment opportunities.

The nature of this programme will allow graduates to work in a wide range of beauty and spa settings. As such, this programme aims to support the growing beauty and spa industry by providing graduates with a combination of practical beauty and spa technical skills and applied management competencies.

## MODULES

**Year 1:** Aesthetics for Skin Care and Cosmetic Treatments, Introduction to the Beauty and Spa Industry, Applied Anatomy and Physiology, Media Communications and Personal Development, Research and Information Technology, Business Management for the Service Industry.

**Year 2:** Aesthetics for Beauty and Spa Treatments, Cosmetic Sales and Retail Work Orientation, Law for the Beauty and Spa Industry, Marketing Principles, Information Technology and E-Commerce, Business Decision Making and Applications.

**Year 3:** Advanced Therapies for Beauty and Spa, Beauty and Spa Work Placement, Entrepreneurship and Business Planning, Human Resources Management.

CAO CODE: LC396

NEW  
PROGRAMME

PROGRAMME LEVEL: 7

DURATION: 3 years

CLASS HOURS: 20 hours per week.

LOCATION: Moylish Campus, Limerick

CAO POINTS 2020: New Programme

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, students can progress to year 4 of the BA (Honours) degree in Business Studies with Beauty and Spa Management.

Graduates will have experienced all facets of Beauty and Spa Services to provide them with the best education to suit today's economy and diverse Beauty and Spa industry.

A graduate will find a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of roles such as, beauty therapist, advanced skincare therapist, beauty and spa consultant, make up artistry, with employment for talented individuals in fashion, stage and TV make-up and spa and beauty product salesperson.



# Business Studies with Event Management.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. June O'Byrne Prior,  
Programme Leader

**Tel:** 061 293000

**Email:** [june.obyrneprior@lit.ie](mailto:june.obyrneprior@lit.ie)

**Web:** [www.lit.ie/Courses/LC294](http://www.lit.ie/Courses/LC294)

## WHAT IS THE PROGRAMME ABOUT?

The BA (Honours) in Business Studies with Event Management will appeal to students who wish to pursue a management career in Event Management.

Graduates of this programme will have practical business know-how grounded in the event sector as this programme provides a broad introduction to event management principles and practice. The programme provides students with lots of opportunities to experience a variety of roles and disciplines within the event sector. Students develop a live event in year 2, can avail of student international trips and can spend time abroad studying as part of the Erasmus programme.

This programme contains a significant work placement in Year 3, giving students the chance to take classroom knowledge to the workplace.

## WHO IS THE PROGRAMME SUITED TO?

The BA (Hons) in Business Studies with Event Management is very suited to students who have a keen interest in meeting people, organising events and working as a part of a team.

This programme also offers students the opportunity to travel and work in many different parts of this growing industry namely in events within the sports, tourism entertainment and hospitality industries and in corporate business. Overall, it is ideal for anyone who has the responsibility for planning and organising events or those who wish to become involved in this activity.

## MODULES

**Year 1:** Business Management, Media Communications & Personal Development, Research & Information Technology, Event Operations, Event Planning, and Corporate and Entertainment Events.

**Year 2:** Business Decision Making & Applications, Tourism and Event Law, Principles of Marketing, Information Technology & E-Commerce, Applied Event Management and Event Production and Design.

**Year 3:** Human Resources Management, Entrepreneurship and Business Planning, Festival and Events Planning and Outcomes, and Event Work Placement (600 hours approx.)

**Year 4:** Financial Management, Strategic Event Management, Event Marketing Management & Event Project Management, and Research Thesis.

**CAO CODE:** LC294

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 279

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates will have experienced all facets of Event Management to provide them with the best education to suit today's economy and diverse event management industry.

A graduate will find a diverse range of career opportunities both in Ireland and abroad. Graduates can expect to find employment in a variety of event, marketing, public relations and entertainment enterprises including arts and music festivals, charitable non-profit organisations, community development organisations, conference and convention centres, event management agencies, hotels, multinational companies, national and regional tourism organisations, public relations firms, public sector organisations, sports and leisure centres.

# Business Studies with Travel & Tourism Management.

Bachelor of Arts  
(Honours) *Ab Initio*



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

A minimum of 2 H5 & 4 O6/H7 grades in six Leaving Certificate subjects, including Mathematics and English or Irish. *Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

QQI FET/FETAC Applicants & Mature Applicants: Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Ms. Orla Fox-Colleran,  
Programme Leader  
**Tel:** 061 293000  
**Email:** orla.foxcolleran@lit.ie  
**Web:** www.lit.ie/Courses/LC293

## WHAT IS THE PROGRAMME ABOUT?

The BA (Honours) in Business Studies with Travel and Tourism Management will appeal to students who wish to pursue a management career in the travel and tourism industry. This programme is continually updated and developed to meet industry needs.

Graduates of the programme will have practical business know-how grounded in the travel and tourism sector as this programme provides a broad introduction to travel and tourism management principles and practice. The programme contains a significant work placement in Year 3, giving students the chance to apply classroom knowledge to the workplace. The programme also has professional links with the Irish Hotels Federation, Fáilte Ireland, Tourism Ireland and the Northern Ireland Tourist Board.

## WHO IS THE PROGRAMME SUITED TO?

The B.A.(Hons) in Business Studies with Travel and Tourism Management is ideally suited to students who have a keen interest in meeting people, enjoy working as a part of a team, like to travel and have good organisational skills.

The travel and tourism industry both at home and abroad continues to grow and this programme offers students the opportunity to travel and work in many different sectors including culture & heritage, hospitality, events, sports and transport as well as more general business areas. Overall, the programme is suited to anyone who wishes to learn more about the travel and tourism industry while developing their business and management skills.

## MODULES

**Year 1:** Business Management, Media Communications & Personal Development, Research & Information Technology, Tourism and Event Operations, Tourism Studies and Travel Operations and Geography.

**Year 2:** Business Decision Making & Applications, Tourism and Event Law, Principles of Marketing, Information Technology & E-Commerce, Management of the Visitor Experience and Innovative Tourism Product Development.

**Year 3:** Human Resources Management, Entrepreneurship and Business Planning, International Destination Management, Travel and Tourism Work Placement (600 hours approx.)

**Year 4:** Financial Management, Strategic Tourism Management, Tourism Marketing Management, Global Tourism Issues, plus Research Thesis.

**CAO CODE:** LC293

**PROGRAMME LEVEL:** 8

**DURATION:** 4 years

**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 307

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the programme, graduates will have studied and experienced several aspects of business and tourism.

A graduate will have a diverse range of career opportunities both in Ireland and abroad and they can expect to find employment in a variety of different areas such as tourism enterprises, community development organisations, national and regional tourism bodies and hospitality and travel organisations. There are also opportunities for further studies, for example, taught postgraduate or research masters programmes.

# Culinary Arts.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

(Minimum requirement 140 points)

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Mathematics at grade F2 or higher is acceptable as meeting the Mathematics requirement for this programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Joe Mulcahy  
Section Head, Culinary & Hospitality  
**Tel:** 061 293405  
**Email:** joe.mulcahy@lit.ie  
**Web:** www.lit.ie/Courses/LC398

**Contact:** Mr. Michael Conway,  
Programme Leader  
**Tel:** 061 293340  
**Email:** Michael.conway@lit.ie  
**Web:** www.lit.ie/Courses/LC398

## WHAT IS THE PROGRAMME ABOUT?

This Culinary Arts programme provides graduates with the skills to cook at a high level of competence and to establish a base for further professional career development. This programme prepares students for work as professional chefs in the hospitality and tourism sectors. A chef will learn to be creative in the kitchen but also requires good business management and communication skills to organise and direct staff in the kitchen environment. A Culinary Arts qualification is a passport to travel and the programme is recognised worldwide. Currently, many of our graduates hold leading positions with some of the top hospitality brands in the world.

The programme covers the theory and practice of professional cookery and includes work placements in Year 2 and Year 3. Students have the option to complete their work placement with world-renowned resorts in many international locations including Cape Cod, Paris, London and Dubai.

**Note:** Students will require €450 approx. for class materials, knives, books, uniforms and safety shoes in the first week of college.

## WHO IS THE PROGRAMME SUITED TO?

The programme will appeal to students interested in developing a career as a professional chef in the hospitality and tourism industry. If you have a flair for cookery and a creative mind-set with a passion for food, then this is the programme for you. The hotel industry seeks to train approximately 5,000 chefs per year and there are exciting and plentiful career options for students both nationally and internationally.

## MODULES

**Year 1:** Culinary Skills 1, Culinary Operations, Pastry 1, Food Safety & Nutrition, Information Technology, Larder & Product Knowledge and Communications & Personal Development.

**Year 2:** Culinary Skills 2, Global & Contemporary Cuisine, Pastry 2, Classical Cuisine and Gastronomy, Business Management, Catering Systems and Resource Management and Work Based Learning (12 week Placement).

**Year 3:** Advanced Pastry, Contemporary Industry Developments, Research Methods, Marketing and Media, Culinary Skills 3, Six month Work Placement.

## WHAT CAN I DO AFTER THE PROGRAMME?

On successful completion of the Culinary Arts programme, students will be prepared for employment as professional chefs in the tourism and hospitality industry.

Graduates can look forward to 100% employment and significant career opportunities over time, such as progressing to Executive Chef of a hotel or running their own restaurant.

**CAO CODE:** LC398

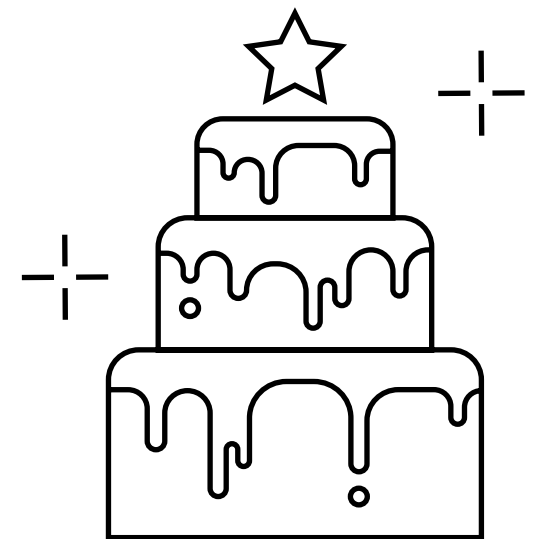
**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

**CLASS HOURS:** 25 hours per week  
*12 week Work Placement on completion of Year 1 & 6 month Work Placement in Year 3, Semester 2.*

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 163



# Hospitality Supervision.

Bachelor of Arts



## MINIMUM ENTRY REQUIREMENTS

### Leaving Certificate:

(Minimum requirement 140 points)

A minimum of 5 O6/H7 grades in Leaving Certificate subjects, including Mathematics and English or Irish.

*Foundation Level Maths at grade F2 or higher is acceptable for entry to the programme.*

### QQI FET/FETAC & Mature Applicants:

Refer to section 'Entry Requirements' for further information.

## FURTHER INFORMATION

**Contact:** Mr. Joe Mulcahy  
Section Head, Culinary & Hospitality

**Tel:** 061 293405

**Email:** joe.mulcahy@lit.ie

**Web:** www.lit.ie/Courses/LC399

**Contact:** Ms. Brid Crotty,  
Programme Leader

**Tel:** 061 293340

**Email:** brid.crotty@lit.ie

**Web:** www.lit.ie/Courses/LC399

## WHAT IS THE PROGRAMME ABOUT?

The aim of this programme is to prepare students for a variety of supervisory positions in the hospitality industry, which provide either food, beverage or accommodation services. The programme will provide the student with a unique blend of practical application and theory.

Students will acquire a range of skills such as Food Preparation, Restaurant Service, Accommodation Service, Bar Service and Front Office Service, Business Operations and Communications. The latter stage of the programme will help develop attributes in the areas of Supervisory Management, Revenue Management and Marketing. The programme includes work placements in Year 2 and Year 3. Students have the option to complete their work placement with world-renowned resorts in many international locations including Cape Cod, Paris, London and Dubai.

**Note:** Students will require €350 approx. for knives, books, uniforms and safety shoes in the first week of college.

## WHO IS THE PROGRAMME SUITED TO?

This is a full-time, practically based, multi-skilled programme aimed at providing students with the skills and knowledge essential for finding employment in operational areas of businesses across the broad tourism and hospitality sectors.

## MODULES

**Year 1:** Restaurant Service, Culinary Skills, Tourism, Communications and Personal Development, Information Technology, Tourism Studies and Wine and Beverage Studies.

**Year 2:** Advanced Food and Beverage Service, Accommodation Services, Front Office Operations, Business Management, Professional Orientation – Work Based Learning.

**Year 3:** Food and Beverage Supervision, Contemporary Industry Developments, Research Methods, Marketing and Media, Hospitality Revenue Management, Six month Industry Work Placement.

**CAO CODE:** LC399

**PROGRAMME LEVEL:** 7

**DURATION:** 3 years

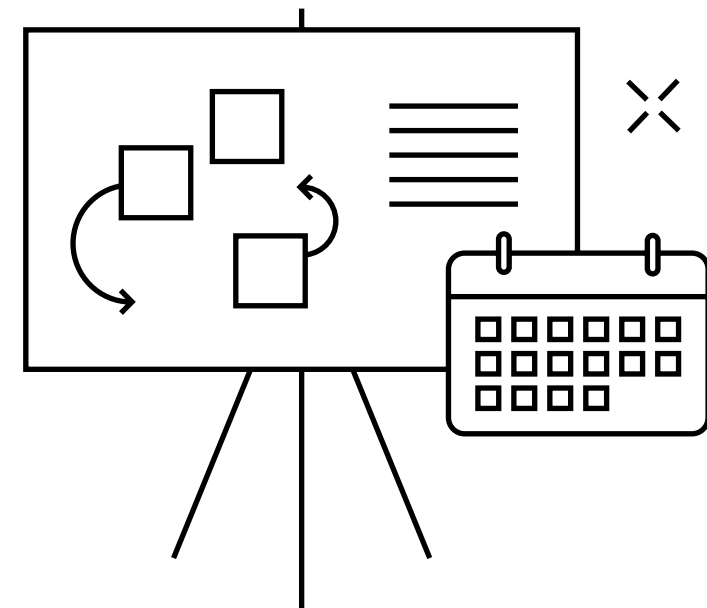
**CLASS HOURS:** 20 hours per week

**LOCATION:** Moylish Campus, Limerick

**CAO POINTS 2020:** 148

## WHAT CAN I DO AFTER THE PROGRAMME?

Graduates will typically find employment in the hospitality industry at various grades with the potential to progress with experience to supervisory or management grades in the industry.



# A-Z Index of Programmes

Code	Programme	Page
<b>LC224</b>	Accounting & Finance - B.Business Honours	302
<b>ADD-ON</b>	Accounting & Finance - B.Business	306
<b>ADD-ON</b>	Accounting & Finance - B.Business Honours	308
<b>LC221</b>	Accounting & Finance - HC in Business	304
<b>LC284</b>	Agricultural Mechanisation - HC in Engineering	198
<b>ADD-ON</b>	Agricultural Engineering - B Eng	200
<b>ADD-ON</b>	Animation & Motion Design - BA Honours in Design	96
<b>LC260</b>	Applied Biology - BSc	138
<b>LC422</b>	Applied Strength & Conditioning - BSc Honours	348
<b>LC423</b>	Applied Strength & Conditioning - BSc	350
	Apprenticeship in Industrial Electrical Engineering	186
<b>LC341</b>	Architectural Technology - BSc Honours	230
<b>LC110</b>	Art & Design* - Common Entry First Year	86
<b>LC115</b>	Art & Design* Teacher Education	106
<b>LC281</b>	Automobile Technology - HC in Engineering	202
<b>LC380</b>	Automotive Engineering & Transport Management - B Eng Honours	204
<b>ADD-ON</b>	Bioanalysis & Biotechnology - BSc Honours	140
<b>LC362</b>	Biotechnology with Biopharmaceutical Science	142
<b>LC248</b>	Built Environment (Common Entry) - BSc Honours	232
<b>LC320</b>	Business - B. Business Honours (Limerick, Thurles)	310
<b>LC416</b>		
<b>LC415</b>	Business - B. Business (Thurles, Ennis)	312
<b>LC605</b>		
<b>LC330</b>	Business with Computing - B.Business Honours	314
<b>LC230</b>	Business with Computing - B.Business	316
<b>LC392</b>	Business Studies with Beauty & Spa Management - BA Honours	360
<b>LC396</b>	Business Studies with Beauty & Spa Services - BA	362
<b>LC294</b>	Business Studies with Event Management - BA Honours	364
<b>LC397</b>	Business Studies with Sport - BA	354
<b>LC295</b>	Business Studies with Sports Management - BA Honours	352
<b>LC293</b>	Business Studies with Travel & Tourism Management - BA Honours	366
<b>ADD-ON</b>	Ceramics - BA Honours in Design	98
<b>ADD-ON</b>	Chemical Instrumentation & Analysis - BSc Honours	144
<b>LC251</b>	Civil Engineering - B Eng	236
<b>LC252</b>	Civil Engineering Management - BSc Honours	234
<b>LC263</b>	Clinical Technology - BSc Honours	156

\* Portfolio Required

Code	Programme	Page
<b>LC297</b>	Community and Addiction Studies - BA Honours	282
<b>LC239</b>	Computer Networks & Systems Management - BSc Honours	256
<b>LC336</b>	Computing - BSc	268
<b>LC241</b>	Construction Management - BSc Honours	238
	Craft Apprentice Programmes - Electrical Trades	188
<b>LC371</b>	Creative Broadcast & Film Production - BSc Honours	118
<b>LC276</b>	Creative Broadcast & Film Production - BSc	120
<b>LC504</b>	Creative Media & Design - BSc (Clonmel)	110
<b>LC517</b>	Creative Media & Design - BSc Honours (Clonmel)	108
<b>LC398</b>	Culinary Arts - BA	368
<b>LC414</b>	Data Analytics & Cyber Security - BSc Honours in Computing	258
<b>LC518</b>	Digital Animation Production - BSc Honours*	112
<b>LC220</b>	Digital Marketing - B. Business Honours	326
<b>LC266</b>	Drug & Medicinal Product Analysis - BSc Honours	146
<b>LC393</b>	Early Childhood Education & Care - BA Honours (Limerick, Thurles, Ennis)	284
<b>LC401</b>		
<b>LC613</b>		
<b>LC432</b>	Early Childhood Education & Care - BA (Thurles, Ennis)	286
<b>LC603</b>		
<b>LC271</b>	Electrical Engineering - B Eng	172
<b>LC275</b>	Electrical Engineering - B Eng Honours	170
<b>LC279</b>	Electronic Engineering with Computer Systems - B Eng	176
<b>LC376</b>	Electronic Engineering with Computer Systems - B Eng Honours	174
<b>LC322</b>	Enterprise & Innovation - B.Business	330
<b>LC226</b>	Enterprise & Innovation - B.Business Honours	328
<b>LC425</b>	Environmental Science - BSc	150
<b>LC408</b>	Environmental Science & Climate - BSc Honours	148
<b>ADD-ON</b>	Fashion - BA Honours in Design	100
<b>LC114</b>	Fashion & Textiles for Product & Costume - BA Honours in Design*	104
<b>LC267</b>	Forensic & Pharmaceutical Science - BSc	154
<b>LC265</b>	Forensic & Pharmaceutical Science - BSc Honours	152
<b>LC502</b>	Game Art & Design - BSc Honours*	114
<b>LC418</b>	Games Design & Development - BSc Honours in Computing	260
<b>ADD-ON</b>	Graphic Design Communication - BA Honours in Design	102
<b>LC399</b>	Hospitality Supervision - BA	370
<b>LC277</b>	Industrial Automation & Robotic Systems - B Eng	180
<b>LC375</b>	Industrial Automation & Robotic Systems - B Eng Honours	178
<b>LC234</b>	Interactive Digital Media - BSc Honours	262
<b>LC340</b>	Interior Design - BA Honours	240

\* Portfolio Required

Code	Programme	Page
<b>LC235</b>	Internet Systems Development - BSc	266
<b>LC236</b>	Internet Systems Development - BSc Honours	264
<b>LC223</b>	Law & Taxation - B.Business Honours	318
<b>LC225</b>	Marketing & Management - B.Business Honours	332
<b>ADD-ON</b>	Marketing & Management - B.Business	336
<b>ADD-ON</b>	Marketing & Management - B.Business Honours	338
<b>LC222</b>	Marketing & Management - HC in Business	334
<b>LC285</b>	Mechanical Engineering - B Eng	208
<b>LC288</b>	Mechanical Engineering - B Eng Honours	206
<b>ADD-ON</b>	Mechanical Engineering (Facilities) - B Eng Honours	210
<b>LC268</b>	Medical Technology - BSc	158
<b>ADD-ON</b>	Medical Technology - BSc Honours	160
<b>LC270</b>	Music Technology & Production - BSc	124
<b>LC372</b>	Music Technology & Production - BSc Honours	122
<b>ADD-ON</b>	Painting - BA Honours in Fine Art	88
<b>ADD-ON</b>	Photography, Film, Video - BA Honours in Fine Art	90
<b>LC283</b>	Precision Engineering - B Eng	214
<b>LC289</b>	Precision Engineering - B Eng Honours	212
<b>ADD-ON</b>	Print Contemporary Practice - BA Honours in Fine Art	92
<b>ADD-ON</b>	Process & Engineering Management - BSc Honours	218
<b>LC242</b>	Property Valuation & Management - BSc Honours	242
<b>LC243</b>	Quantity Surveying - BSc Honours	244
<b>LC278</b>	Renewable & Electrical Energy Engineering - B Eng	184
<b>LC374</b>	Renewable & Electrical Energy Engineering - B Eng Honours	182
<b>LC286</b>	Road Transport Technology & Management - B Eng	216
<b>ADD-ON</b>	Sculpture & Combined Media - BA Honours in Fine Art	94
<b>LC602</b>	Social Care Work - BA	292
<b>LC292</b>		
<b>LC402</b>	Social Care Work - BA Honours (Limerick, Thurles, Ennis)	288
<b>LC612</b>		
<b>LC233</b>	Software Development - BSc Honours	270
	SOLAS Apprenticeships (Carpentry and Joinery & Brick and Stonelaying)	246
	SOLAS Craft Apprentice Programmes (Mechanical Automation and Maintenance Fitting (MAMF) Apprenticeship & Motor Mechanics Apprenticeship)	220
<b>LC290</b>	Sports Development & Performance - BA	356
<b>LC228</b>	Sports Development & Coaching - HC in Arts	358
<b>LC506</b>	Visual Effects for Film, TV & Animation - BSc Honours *	116

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